



MODERN **ANNUAL REPORT** **2023-24**



Annual Report

2023-2024

॥ ज्ञानमयो भव ॥



Progressive Education Society's

Modern College of Arts, Science and Commerce (Autonomous)

Shivajinagar, Pune - 411 005.

Office Bearers

Dr. Rajendra Zunjarrao
Principal

Prof. Shamkant Deshmukh
Secretary, P.E.S., Pune 5.
Vice-Principal (Admin.)

Prof. Dr. Anjali Sardesai
Vice-Principal (Academics)

Dr. Amruta S. Oke
Vice-Principal

Dr. Milind Alandikar
Vice-Principal

Prof. Sanjay Thengadi
Vice-Principal

Dr. Vijay Gaikwad
Vice-Principal

Dr. Shilpa Mujumdar
Vice-Principal

Dr. Shubhangi Puranik
Vice-Principal

Prof. Sunil Doiphode
Vice-Principal, Junior College

Prof. Subhash Karekar
Supervisor, Junior College

Mr. Ganesh Sathe
Registrar

Printed at
SHREE SADGURU ENTERPRISES,
Pune 411035.

Best College Award (Sports) SPPU, 2022
Best College Award (NSS), SPPU, 2021
Unnat Bharat Scheme, 2020
Best College Award, SPPU, 2020
Best College Award (Sports), SPPU, 2020
Mentor Institution Under 'Paramarsh' Scheme by UGC 2019
Autonomous Status by UGC, 2019
National Award for Best Accessible Website 2018-19
Best College Award (Sports), SPPU, 2019
Best College Award (Sports), SPPU, 2018
NAAC Re-accredited with 'A+' Grade, 2017
College with Potential for Excellence, UGC, 2017
Best College Award (Sports), SPPU, 2017
Best College Award (Sports), SPPU, 2016
Community College Scheme, UGC 2015
Best College Award (NSS), SPPU, 2014
Star College Scheme, DBT, 2014
BSR Scheme, UGC, 2013
FIST Scheme, DST, 2012
College with Potential for Excellence, UGC, 2011
NAAC Re-accredited with 'A' Grade, 2010
Best College Award, SPPU, 2008

MODERN 2023 - 2024

Editorial Board : Annual College Magazine

Convener : Principal Dr. R. S. Zunjarrao

In-charge : Vice-Principal Dr. Amruta Oke, Dr. Anjali Sardesai

Editors : Prof. Dipali Lodh, Dr. Vaijayantimala Jadhav

Coordinators :

Dr. Nisha Bhandare Prof. Alka Kamble

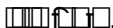
Prof. Sneha Mahajan Dr. Purna Ubale

Dr. Shantashree Sengupta

Members

Prof. Atharva Kulkarni	Prof. Bhakti Walvekar
Prof. Dishant Mistry	Prof. Gauri Khire
Prof. Madhuri Ghanekar	Dr. Pooja Paratne
Prof. Prajakta Sabane	Prof. Praful Gadagkar
Dr. Priyanka Datta Saha	Dr. Rama Phadke
Prof. Reeja Nair	Prof. Sameer Nerlekar
Dr. Savitha Fernandes	Prof. Sheetal Pardeshi
Prof. Sonali Deshmukh	Prof. Sukanya Garg
Prof. Suryavanshi V.V.	Dr. Vaishali Aher
Prof. Yogesh Thipse	Shri. Ganesh Sathe
Mrs Smita Shinde	Shri. Hrishikesh Kondhalkar
Shri. L. P. Adagale	

Contents

From the Chairman’s Desk	4
CDC Chairman Message.....	7
From the Principal’s Desk	9
Internal Quality Assurance Cell	11
Office	13
Department of Economics	15
Department of English	23
Department of Geography	33
Department of German	46
	50
Department of History	60
	75
Department of Political Science	89
Department of Psychology	99
Department of Animation	112
Department of Biotechnology	127
Department of Botany	146
Department of Chemistry	157
Department of Computer Science	182
Department of Electronic Science	209
Department of Mathematics	223
Department of Microbiology	235
Department of Physics	251
Department of Statistics	171
Department of Zoology	290
Department of Commerce	309
Department of Commerce (SF)	325
BBA	345
BBA (CA).....	376
BBA (IB).....	383
Library and Information Centre	395
Fashion Technology	409
Art Circle	424
Department of Performing Arts.....	426
Navy Win 3 Mah Naval	437
National Service Scheme	438
Department of Physical Education	443

From The Chairman's Desk

Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 was established in the year 1970 with the aim to impart quality education to the young minds, as the first senior college of Progressive Education Society, Pune 5. This institution was 'a-dream-come-true' for the two visionary educationists, namely, the founders of Progressive Education Society: Late Shankarrao Kanitkar and Late V. T. Tatke. The grand success achieved by the institution in these five decades has proved that we have achieved our objective of instilling education and values in our students; imparting holistic education; inculcating research and problem solving skills; preparing the students for the global marketplace; and being technologically sound.

As one of the leading colleges imparting higher education in Maharashtra from undergraduate level to Ph.D., the college has always been a front runner in introducing new courses as per the needs of the times. Courses like Animation, B.Sc. (Blended) Bioscience, Fashion Technology and Apparel Designing, BBA, BBA (CA), BBA (IB), M.Com (E-commerce) and PG Diploma in Data Science received an excellent response from the students.

Modern College, Pune-5 has been bestowed with several awards and recognitions like 'Best College Award' by Savitribai Phule Pune University, Pune in 2008 and in 2021; FIST (Funds for Improvement of Science & Technology Infrastructure) grants from DST, New Delhi in 2012 and 2019; BSR funds from UGC in 2013; STAR College Scheme from DBT, New Delhi in 2014; 'Best College Award NSS' by Savitribai Phule Pune University, Pune in 2014; UGC sanctioned 'Community College Scheme' in 2015; NAAC, Bangalore re-accreditation with 'A+' Grade CGPA:3.51 in 2017; College with Potential for Excellence Status of UGC in 2011 and 2017; National Award for the 'Best Accessible Website' by Ministry of Social Justice and Empowerment in 2018; got recognition as Mentor College under Paramarsh "UGC Scheme for Mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education" in 2019. Unnat Bharat Scheme, a flagship program by the Ministry of Education in 2020 is yet another feather in the cap of Modern College. A major achievement in the year 2023-24 is the award of Best College (NSS) from the Government of Maharashtra and Best NSS Programme Officer Award to Dr. Prabhakar Varade from the Government of Maharashtra. Yet another achievement is award of Best College (Sports) for the 7th time by Savitribai Phule Pune University. The college received 'Star Education Award 2023' ESFE in collaboration with the Education Department of Maharashtra.

I feel proud to say that not only in academics, but in sports as well, the college has broken all records. For the first time ever in the history of SPPU Pune, Modern College, Pune-5 has become the only college to get the 'Best College Award (Sports)' for Seven consecutive years from 2015. These rewards show the dedication of the teaching staff, non-teaching staff and students of the college towards achieving excellence. The students represented India in International games and Olympic Games.

In this academic year, various state level webinars, curricular and extracurricular activities in an online manner were also organised by the college. I am very proud to mention some of the innovations such as Digital Language Laboratory, Speaking Tree, Biodiversity Audit that have been done by the staff members and students.

In the Academic Year 2023-24, we not only enrolled 12500 students for various courses in our college but also the highest number of International students and visually impaired students sought admission to Modern College, Shivajinagar, Pune-5 for seeking education. The college provides modern facilities like 'Audio Notice Board', Accessible College Website, Braille Books, Audio Books, Wheelchair facility for the physically challenged and visually impaired students. Visually impaired students appearing for descriptive examinations through typing their answer papers on their own is the most innovative scheme the college has launched successfully.

All the departments of the college have organised several events throughout the year with active participation from enthusiastic students. The NSS and NCC Units of the college have excelled in the activities conducted by them in the academic year. The NCC cadets got the opportunity to escort Hon'ble Prime Minister Shri. Narendra Modi during the Republic Day Parade at New Delhi. The cadets got selected to represent Maharashtra in the Republic Day Parade at New Delhi.

Under the everlasting dedication of the P.E. Society's Joint Secretary and CDC Chairperson Prof. Dr. Mrs. Jyotsna G. Ekbote, the college bravely accepted the challenge of implementation of NEP 2020 from the academic Year 2023-24. The devotion of the Principal of Modern College, Shivajinagar, Pune-5, Dr. Rajendra Zunjarrao, IQAC, all the Vice Principals, Head of the Departments and teachers helped us to implement NEP 2020 syllabus in the curriculum. Progressive Education Society organised various workshops and awareness sessions on National Education Policy 2020.

I feel proud to say that Modern College, Shivajinagar, Pune-5 is one of the very few educational Autonomous institutions which could start the preparations of implementations of NEP 2020 w.r.t. syllabus framing and implementation of courses.

Keeping in mind the continuous growth of the courses, laboratories, research centres and number of students in the College, the Progressive Education Society has completed the construction of an 11 storey building which will house international grade laboratory facilities, classrooms and administration sections.

Modern College, Shivajinagar, Pune-5 is the 'PRIDE' of the Progressive Education Society. I congratulate the Principal of the College Dr. Rajendra Zunjarrao and all his associates who have played a major role in the success of the institute. I hope the college retains its mantra of being 'Modern' and 'Progressive' always.

I give credit for all these commendable achievements to the leader of "Team Modern" Dr. Rajendra Zunjarrao and the College Development Committee of this college which consists of senior educationists like Prof. P. S. Chirputkar, Prof. Dr. A. K. Pande and Chairperson of the College Development Committee, Prof. Mrs. Jyotsna G. Ekbote. Vice Principals viz. Prof. S. S. Deshmukh, Dr. Anjali Sardesai, Prof. Dr. M. D. Alandikar, Dr. A. S. Oke, Prof. S. S. Thengadi, Dr. V. N. Gaikwad and Prof. Dr. Sunil Doiphode have been proficiently supporting the Principal. I am happy to mention that all the members (Teaching and Non-Teaching) are responsible for the success and achievement of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5.

I congratulate the Principal, all CDC Members, the staff members and students of this college for their achievements. I also appreciate the sincere efforts of Editor Dr. Vaijayantimala Jadhav and the members of the editorial board for publishing this annual report 'MODERN' for the academic year 2023-24. With best regards,

Prof. Dr. Gajanan Ekbote

M.S.,M.N.A.M.S.

Chairman, Business Council,
P. E. Society, Shivajinagar, Pune-5

CDC Chairman Message

Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 was established in the year 1970 and since its establishment it has been progressing remarkably towards achieving the objectives of the establishment of the first senior college under Progressive Education Society by the visionary founders Late Shankarrao Kanitkar and Late V. T. Tatke.

The college has made its mark in the field of higher education because of the introduction of several professional courses like Computer Science, Animation, Biotechnology, Microbiology, BBA, BBA (CA), BBA (IB), M.Com (E-commerce), PGDBT, B.Voc. (Fashion Technology), B.Voc. (Animator), P.G. Diploma in Data Science which was the need of the time.

Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 has received several accolades from the National Assessment and Accreditation Council (NAAC) in all the three cycles of accreditation. The college is re-accredited by A+ Grade (CGPA: 3.51) in 2017 by NAAC, Bangalore. As the college received higher grades in the three consecutive accreditation cycles and with the wonderful recommendations of the NAAC Peer Team, the always progressively thinking Chairman of Progressive Education Society Prof. Dr. Gajanan R. Ekbote and other Management Members planned to move towards 'Autonomy' for the college. As a result of this, the University Grants Commission, New Delhi granted 'Autonomous Status' to the college for a period of ten years with effect from 2019-20 to 2028-29. The college has successfully completed Five years of autonomy in the academic year 2023-24.

We feel honoured that Modern College, Shivajinagar, Pune-5 has got recognition as Mentor College under Paramarsh "UGC Scheme for Mentoring NAAC Accreditation Aspirant Institutions to promote Quality Assurance in Higher Education" in 2019 from University Grants Commission, New Delhi. Unnat Bharat Scheme, a flagship program by the Ministry of Education in 2020 is yet another feather in the cap of Modern College.

During my various visits to this college, I have witnessed the hard work poured in by all the teaching and non-teaching staff members of the college. The research base of the college is truly remarkable as presently we have 58 Ph.D. teachers and many more are in the final stages of completing their Ph.D. The college has 10 Ph.D. centres affiliated to SPPU, Pune. Many teachers have received recognition for presenting research papers in National and International Conferences in India and abroad. All this continuous untiring work for the betterment of the students, college and society at large got rewarded in the form of getting recognised as 'College with Potential for Excellence' by UGC, New Delhi. DST, FIST Scheme by the Department of Science and Technology, Govt. of India has been sanctioned to the college for the second successive time; under which the college has developed a very highly equipped centre for Chemistry. The college has been sanctioned with 'Star College Scheme' status by the Department of Biotechnology, Ministry of Science and Technology, Government of India. The college has excelled not only in academics, but in sports too by creating history of becoming the first college ever to get "The Best Sports College Award 2023' by SPPU, Pune for the Seventh consecutive year. The Physical Education

department prepares the students for various State / National and International Level Championships and conducts a unique annual competition of 'Progressive Shree'.

Among the major achievements of this year, the special ones were the Best College (NSS) award and the Best NSS officer Award to Dr. Prabhakar Varade from the Govt. of Maharashtra. For the 7th time, we have been awarded Best College (Sports) by Savitribai Phule Pune University. The college also received the 'Star Education Award 2023' ESFE in collaboration with the Education Department of Maharashtra.

The teaching staff members have represented them well in research projects funded by several organisations. The college NSS and NCC Units have performed exceptionally well by preparing students for Republic Day Parades, for creating awareness through rallies, working for the society through NSS Camps etc.

The state-of-the-art laboratories motivate the researchers to do quality research work as a result of which our Science Faculty teachers have registered for National and International Patents in their name and granted 2 patents in the academic year 2023-24.

Under the able leadership and continuous guidance of Progressive Education Society's Chairman Prof. Dr. Gajanan R. Ekbote, we faced the adverse conditions during the COVID-19 pandemic situation as a challenge and successfully tackled them by conducting Online Faculty Development Programmes for providing training related to Online Teaching and Learning and conducting Proctored Examinations. The indigenously developed LMS system and the online examination system are some of the things that the college developed during the implementation of Autonomy.

The recently completed construction of an 11 storey building will house international grade laboratory facilities, classrooms and administration sections.

I, as the Chairperson of CDC, Modern College, Pune-5 congratulate Principal Dr. Rajendra S. Zunjarrao, all the Vice Principals, IQAC, Heads of the Departments, Registrar, all teaching and non-teaching staff members; students of this college; alumni on their success. Through the unending dedication shown by all the stakeholders, the unit has become a 'Jewel in the Crown of Progressive Education Society'.

I also appreciate the sincere efforts of the editor, Dr. Vijayantimala Jadhav as well as the members of the editorial board for publishing this annual report 'MODERN' for the academic year 2023-24.

With best regards,

Prof. Dr. Mrs. Jyotsna G. Ekbote

Chairperson, CDC

Joint Secretary, Progressive Education Society,
Shivajinagar, Pune-5.

From the Principal's Desk

I am glad to share my feelings about the various achievements and activities that took place during the academic year 2023-24. After the achievement of A+ Grade from the National Assessment and Accreditation Council, Bangalore in 2017; continuation of 'College with Potential for Excellence Status' by UGC, New Delhi for the second phase; funding of Rs.1.5 Crores under the DST-FIST Scheme from the Department of Science and Technology, New Delhi, the college has received 'Best College (NSS Award)' for the second time from Savitribai Phule Pune University. Another consecutive achievement for us is the award of Unnat Bharat Scheme of the Govt. of India to the college under which the college adopted five villages. In the academic year 2023-24 we are received state level Best College (NSS) and Best NSS Program Officer award to Dr. Prabhakar Varade.

The continuous efforts of our NSS team has led to the Best College (NSS) award from the Government of Maharashtra and the Best NSS Programme Officer Award to Dr. Prabhakar Varade from Govt. of Maharashtra. Another achievement is the award of Best College (Sports) for the 7th time by Savitribai Phule Pune University. The College is also the recipient of 'Star Education Award 2023' ESFE in collaboration with the Education Department of Maharashtra.

The student strength of our college has reached 12,500, which includes 85 international students. We have successfully implemented an online admission process for all classes and are providing online fee facilities to the students. Being an autonomous college, as per the GRs, NEP 2020 has been implemented successfully in the academic year 2023-24. All the Undergraduate and Postgraduate courses curriculum framework has been developed and implemented as per the structure specified in NEP 2020 guidelines. Faculty Development Programs, recurrent training given to teachers and students was the key to this success.

A separate provision was made for the visually impaired students to conduct their examinations using separate software through which the students could appear for their examinations on their own by typing their answers online. It was an innovative process which gave confidence to these students and they could appear for their examinations independently.

In the year 2023-24, the college completed four successful years of autonomy implementation.

The college library further strengthened the 'Institutional Repository' for the benefit of the students. The fully automated library holds the best of collection of books, reference sources, journals, e-resources, braille books, audio books, newspapers and is enhanced by facilities like Biometric Attendance System, Digital Library Section, WebOPAC, 'MODLIB' Monthly Library E-bulletin and a spacious two storeyed reading halls for girls and boys. The library has a separate Computer Training facility for visually impaired students. Anti-plagiarism software is purchased in the college through which the reports, research papers, Thesis of students and staff memes can be plagiarism checked.

I am very proud to mention some of the innovations such as the Digital Language Laboratory, Speaking Tree project for the trees in nearby vicinity, Biodiversity Audit in the five acre area of Modern College was done by the staff members and students.

All the departments organized several events, fests and workshops with active participation of the students in the online mode. The college has successfully established an Institutional Innovation Council IIC, a Ministry of Education initiative. Under IIC many activities were conducted which helped the students to orient themselves about the start-ups, innovations, etc. Members of the teaching staff have been striving hard to achieve higher academic standards without compromising on their teaching assignments and routine college activities.

In the academic year 2023-24 also, our college has received Best College (Sports) award from Savitribai Phule, Pune University.

I wish to congratulate the NCC unit, NSS unit, the Physical Education Department, ISR and all the committees formed by the college for their active participation in co-curricular and extracurricular activities of the college.

I am thankful to the authorities of Progressive Education Society, particularly Prof. Dr. Gajanan R. Ekbote, Chairman, Business Council, P. E. Society and Prof. Dr. Mrs. Jyotsna Ekbote, Joint Secretary, P. E. Society, for their valuable guidance and continuous encouragement. We are confident that through their able guidance, our college will continue progressing in all possible ways.

We are grateful to the Chairperson of College Development Committee Prof. Dr. Mrs. Jyotsna G. Ekbote, Dr. P. S. Chirputkar, Dr. A. K. Pande and Prof. Shamkant Deshmukh, Secretary of P. E. Society for their active support, guidance and encouragement.

I indeed very happy and satisfied to note that the Magazine Committee has been very innovative and has once again taken painstaking efforts and ensured that an improved quality annual report is ready for publication. I congratulate editor of the college annual report of the academic year 2023-24 Dr. Vijayantimala Jadhav and all the members of Annual Magazine Committee for their innovative efforts and quality work.

Dr. Rajendra Zunjarrao
Principal

Internal Quality Assurance Cell

The functioning of the Internal Quality Assurance Cell is under the able guidance of Chairman, IQAC, Principal Dr. R. S. Zunjarrao. The IQAC committee was revised in the year 2023-24.

The major achievement in the year 2023-24 was the Best College (NSS) from Govt. of Maharashtra and Best NSS Officer Award to Dr. Prabhakar Varade from Govt. of Maharashtra. Yet another achievement was the award of Best College (Sports) for the 7th time by Savitribai Phule Pune University. The College received 'Star Education Award 2023' ESFE in collaboration with the Education Department of Maharashtra.

The Department of Animation established a Digital Language Laboratory on every computer of the college to be used by students to study/strengthen the language knowledge of English, German, Hindi, Marathi and Sanskrit languages.

The Department of Botany has developed an innovative "Speaking Tree" project for all the trees in nearby vicinity. The viewer can scan the QR code attached to the tree and the tree speaks about itself.

The staff members and students of the Department of Botany, Zoology and Microbiology have completed the Biodiversity Audit of the college.

NEP Implementation :

Many awareness workshops, meetings with reference to the implementation of NEP 2020 were conducted. The syllabus framework and detailed syllabi was prepared as per the GR published on 20th April 2023. The various BOS meetings were conducted and the NEP syllabus was passed through the Academic Council. As per the SPPU circular, the syllabus was sent to SPPU for approval.

From the academic year 2023-24, the college started implementing NEP 2020 as per the mandate from the Government of Maharashtra for the Autonomous Colleges. The syllabi for all the UG & PG courses was reframed as per the guidelines provided in the GRs for UG and PG courses. The examination structure was reframed and all the examinations were conducted as per the NEP structure. The first year of all the UG and PG courses under NEP has been successfully completed and the results have been declared.

MOOC Creation: The creation of MOOC courses has been one of the milestones since the academic year 2021-22. The e-content Development Cell developed MOOC courses of their own and these are offered to the students under Autonomy. The examinations were conducted in the online manner for these MOOC courses. In the academic year 2023-24, the staff members of the college developed two new MOOCs in the e-content development cell and the courses were offered to respective classes.

Online Evaluation: In the academic year 2023-24, yet another milestone was achieved by the college. Earlier, the online objective type of semi-proctored evaluation was conducted by the college for visually impaired students. The students were happy and satisfied that they could attempt their examination independently without the writer.

This year with the help of one software, the visually impaired students were able to appear for the descriptive type of examination without a writer. The students attempted the examination by typing the answers on their own and submitted the paper.

Exclusive Feedback Collection mechanism was developed in Vriddhi ERP through which the students individual feedback was received through his/her personal login. Semester wise feedback was conducted.

New Courses :

Two new courses were started in the academic year 2023-24 viz. B.A. (Music) and B.A. (Sanskrit).

Two batches of a certificate course '*Sangeet Rasasvada / Music Appreciation*' in association with Lalit Kala Kendra, SPPU were conducted in online mode. The Department of Music conducted a course on Music Therapy. This course received a huge response from the students and society.

In 2023-24, the college conducted many curricular and extracurricular activities. Every department conducted their yearly fest, departmental activities and submitted the reports to IQAC.

This year the data collection, data compilation and record keeping of data processes were revamped. Generalized formats were prepared and the focus was on online data collection. The data was collected and compiled which was used for the submission of AISHE, NIRF, Annual Reports, MIS and Self appraisal reports of the institution.

IQAC took initiative to conduct the Biodiversity audit on its own. The staff members and students took initiative to conduct the Audit. Funds were provided to them through the Yuva Sanshodhak Scheme of the College. The seed money for research to staff members scheme is also implemented in the academic year 2023-24.

IQAC submitted the AQAR report of the year 2021-22 and 2022-23 in an online manner. For the data collection purpose with reference to AQAR, a separate task based AQAR committee was formed. In the revised form of data collection, it was decided and implemented that the collection of data would be in an online format using Google Sheets shared by IQAC.

The college conducted Departmental AAA for every Department and the compliance reports were sent to IQAC.

One offline zonal level Avishkar competition was conducted in the college which was organized by SPPU.

In addition to these conferences, various workshops, seminars, guest lectures and teachers training programs were proposed and organized by IQAC.

The College has several committees and associations for the curricular, co-curricular, extra-curricular, extension, outreach and ISR activities. The formation and coordination of all the committees was successfully done by the IQAC and the report of activities conducted by each committee during the academic year was received.

The IQAC conducts the meetings of Head of all the Departments for the planning and improvement in the infrastructure development, innovations in the process of teaching learning and evaluation, organization of conferences and seminars, planning of academic, curricular, co-curricular and extra-curricular activities, review of result analysis for the admission process, examination reforms, department wise budget allocation and utilization of available funds.

The regular meetings of IQAC are conducted and new resolutions, proposals are initiated in the meetings which are then approved in CDC for the implementation.

IQAC has deepest gratitude to Hon'ble Dr. G. R. Ekbote, Chairman, Business Council, Progressive Education Society, Prof. Shamkant Deshmukh, Secretary, Progressive Education Society, Prof. Jyotsna G. Ekbote, Chairperson College Development Committee, Prof. P. S. Chirputkar and Dr. A. K. Pande for their constant support, guidance and motivation towards the effective functioning of IQAC towards achieving excellence in quality.

The IQAC team is thankful to the chairman IQAC, Dr. R. S. Zunjarrao for his continuous efforts, innovative ideas, future planning, all time guidance and constant support for the inculcation and implementation of academic and quality culture in the institution. Under the able guidance of all of them, IQAC assures to excel in functioning and dreaming towards A++ grade by NAAC in the next accreditation cycle.

- Dr. Anjali Sardesai
Coordinator, IQAC

Office

The office of the college plays a very important role in the overall administration of the college. The college office is completely computerized and uses the latest software i.e. Tally ERP Prime for college accounts, Winman for filing TDS returns of contractors and Salary TDS, Mograsy and Vriddhi for the online admission process.

Our efficient staff tries to offer the best services to the students, staff and management of the college. We are thankful to our Chairman, Hon. Dr. Gajanan Ekbote, Hon. Dr. Jyotsna Ekbote, Chairperson, College Development Committee, Prof. Shamkant Deshmukh, Secretary, Dr. Rajendra Zunjarrao, Principal, all Vice-Principals and teaching and non-teaching staff.

Staff members who retired in the Academic Year 2023-24

Sr. No.	Name of the Staff	Designation	Department	Date of Retirement
1	Shri. Popat Manaji Sambare	Teacher (Jr. Wing)	English	31.05.2023
2	Prof. Madhuri Ghanekar	Assistant Professor	Computer Sci	31.03.2024
3	Shri. Anant Sahabu Ahiwale	Laboratory Attd.	Physics	31.01.2024
4	Shri. Rajendra Shantaram Uttekar	Laboratory Attd	Statistics	31.05.2024
5	Shri. Suresh Namdeo Marathe	Lib. Attdt	Library	31.05.2024

Faculty wise Students admitted during the year:

Sr.No.	Faculty	Grant Section	Non Grant	Total
1	Junior Section			
	Arts	305	228	
	Commerce	947	215	
	Science	898	153	
	Total	2150	596	2746
2	Under Graduate Section			
	Arts	490	643	
	Commerce	1216	0	
	Science	515	1303	
	Total	2221	1946	4167
3	Post Graduate Section			
	Arts	0	298	
	Commerce	98	0	
	Science	0	957	
		98	1255	1353
	Total			8266

New Staff appointed in the Non-grant section of the College in the academic year 2022-23

Sr. No.	Name of the Staff	Designation	Department	Date of Appt.
1	Mr. Mayur Tilekar	Jr. Clerk	Office	04/07/2023
2	Ms. Manasi Shinde	Office	Exam	01/07/2023
3	Ms.Shreya Sonawane	Jr. Clerk	Exam	03/04/2024
4	Ms. Bhargavi More	Jr. Clerk	Accounts	10/07/2022
5	Ms. Ashwini Netke	Lab Asst.	Microbiology	01/08/2023
6	Ms. Sanjana Shigwan	Peon	Zoology	01/12/2023
7	Mrs. Vaishali Gaikwad	Peon	Physics	15/01/2024

- Mr. Ganesh Sathe
Registrar

Department of Economics

Part I :Academic Details :

1. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

B.A.: Special Economics
 B.Com: Business Economics, Banking and Finance
 M.A.: Special Economics
 M.Com.: Industrial Economics and Industrial Economic Environment
 PGDBF: Post Graduate Diploma in Banking and Finance
 M.Phil/Ph.D.: PG Research Centre in Economics from 2013

2. Annual/ semester/choice based credit system (programme wise):

B.A. and B.Com – Choice Based Credit System
 M.A. and M.Com , PGDBF – Choice Based Credit System

3. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL

4. Details of courses / programmes discontinued (if any) with reasons: Not Applicable.

5. List of eminent academicians and scientists / visitors to the department:

- 1) Prof. Kailas Bavale , Honorary Co-ordinator, Dr.Dhanajay Rao Gadgil Centre for Sustainable Village Development , GIPE, Pune, delivered speech on ,” Sustainable Development” , on 6th September, 2023.
- 2) Prof.Sangeeta Shroff, Professor, VAMNICOM, Pune, delivered lecture on the topic “ How India can be a \$ 5 Trillion Economy- Focus on Gender and Co-operatives”, on 20th January, 2024.
- 3) Dr.KalyanlakshmiChitta, Senior Manager, Union Bank of India, Regional Office, Aundh, Pune , delivered lecture on the topic,” The concept of Non-Performing Assets and its Implications” on 23rd January, 2024.
- 4) Dr.GirijaLagad, Economist, Pune, delivered lecture on the topic, “Indian Economy from Global Perspective”, on 16th February, 2024.

6. Teaching methods adopted to improve student learning:

Effective use of ICT, Presentation, Interactive sessions, Group discussions

7. Course wise / Class wise Result Analysis

Title of the Course	Total no. of students appeared (passing % in Parenthesis)	Division					
		Distinction %	I %	II %	III %	Pass %	Fail %
MA Part-I SEM-I	13	61.53	23.07	--	--	84.61	15.38
MA Part-I SEM-II	---	----	---	---	---	---	---
MA Part-II SEM-III	23	30.43	17.39	00	13.04	60.87	21.74
MA Part-II SEM-IV	23	39.13	21.74	00	00	60.87	8.70
F Y PGDBF SEM-I	09	66.66	22.22	--	--	88.88	11.11
FY PGDBF SEM-II	--	---	---	---	---	---	--
T Y B A (Marathi)	137	39.41	26.29	4.37	0.92	70.80	29.17
T Y B A (English)	251	58.16	22.76	5.17	1.59	87.64	12.35

Research Details:

1. Number of faculty with on-going projects from a) National b) International funding agencies and grants received: NIL

2. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received: NA

3. Research Centre /facility recognized by the University: Recognised from 2013 by SavitribaiPhule Pune University.

4. Publications:

(Give the list in the format as follows :

Name of the Staff, Title of paper, Journal/ Conference Proceeding/ Book Chapter, Published by / Journal name/ Conference Name, Year of publishing, pages from-to, names of co-authors (if any))

Name of the staff	Title of the Paper	Journal/ conference Proceeding/Book Chapter	Year of Publications	Page No
Dr.Amrita Priyam	Book: Basics to Rural Development	Milestone Publishers and Distributors, New Delhi	2024	

Fill the summary in the form below.

Name of the faculty	Papers			Books			Total publications	Total citations	h-index
	International	National	Presented in conference	International	National	Book chapter			
Dr. Amrita Priyam					1		1		

5. Books with ISBN/ISSN numbers with details of publishers

Sr. No.	Name of Staff Member	Name of Book	Reference / Text	Publisher	ISBN No.	Year of Published
2.	Dr. Amrita Priyam	Basics to Rural Development	Reference	Milestone Publishers and Distributors, New Delhi	978-81-94049-86-9	2024

6. Areas of consultancy and income generated: NA**7. Faculty as members in**

- a) National committees
- b) International Committees
- c) Editorial Boards

NA

Students Details:**1. Student projects**

- a) Percentage of students who have done in house projects including inter departmental/programme: NIL

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NIL
2. Student publications: NIL
 3. Awards / Recognitions received by faculty and students (Academic, Research, Co-curricular, Extra-Curricular, Extension, Sports, Cultural): NIL
 4. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?: NIL
 5. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts
 - 1) Prof. Kailas Bavale, Honorary Co-ordinator, Dr. Dhanajay Rao Gadgil Centre for Sustainable Village Development , GIPE, Pune, delivered speech on ,” Sustainable Development” , on 6th September, 2023.
 - 2) Prof. Sangeeta Shroff, Professor, VAMNICOM, Pune, delivered lecture on the topic “ How India can be a \$ 5 Trillion Economy- Focus on Gender and Co-operatives”, on 20th January, 2024.
 - 3) Dr. Kalyanlakshmi Chitta, Senior Manager, Union Bank of India, Regional Office, Aundh, Pune , delivered lecture on the topic,” The concept of Non-Performing Assets and its Implications” on 23rd January, 2024.
 - 4) Dr. Girija Lagad, Economist, Pune, delivered lecture on the topic, “Indian Economy from Global Perspective”, on 16th February, 2024.
 6. Participation of students in Institutional Social Responsibility (ISR) and Extension activities: NIL
 7. Student Placement Details : N A

Other Departmental Details:

1. Is the booklet of Career Guidance of your Department is published? Attach a copy
Copy attached
2. Does the Department publish Wall Paper Magazine? NO
3. Is the System of Checking of notes prepared by teachers by HODs is established in the Department?
All syllabus of every subject is framed from standard text books. The students are provided the photocopies of the concerned pages on their official WhatsApp group.
4. Is there a library slot maintained in departmental time table of Third Year UGG and Second Year PG time table?
YES
5. Is the entire allotted time of practices utilized by showing educational CD, Labotatory Safety CDs, etc., giving additional guidance to studentsor giving practice sessions? NA
6. Are the guidance session on Laboratory Safety are arranged for the students ?
Give details. NA
7. Are the students and staff follow the laboratory safety measures in the laboratory? NA

Part II :Administrative Details :

1. Number of Teaching posts:

	Sanctioned	Filled
Professors	-	1
Associate Professors	-	1
Assistant Professors	--	2

2. Faculty profile with name, qualification, designation, specialization, D.Sc. /D.Litt. /Ph.D. /M. Phil, etc.)

Name	Qualification	Designation	Specialization	No.ofYears of Experience	No.of Ph.D. Students guidedforthe last4years
Dr. A. H. Shende	M.A. PhD.NET, SET	Professor	Indian Economy, International Trade	27yrs	4
Dr.S.S.Deshmukh	M.A. Ph.D. SET	Associate Professor	Agricultural Economics	21yrs	NA
Mrs. S.A. Vartak	M.A. M Phil. SET	Asst. Professor	Banking and Finance	26yrs	NA
Miss Padmashri Mujumdar	M.A. M Phil. SET	Asst. Professor	Macro Economics, Industrial Economics	16yrs	NA
Dr Amrita Priyam	M.A. Ph.D.,	Asst. Professor	Demography	11 yrs	NA
Ms.Pooja Badekar	M.A. SET	Asst. Professor	Micro Economics	12yrs	NA

3. List of Senior Visiting Faculty: NIL

4. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

All the lectures of Grantable Courses are engaged by permanent faculty and the lectures of Non-Grantable Courses are handled by temporary faculty.

5. Student -Teacher Ratio (programme wise):

B.Com. : 1: 120

B.A. (General):1: 120

B.A. (Special):1: 30

M.A. 1: 60

M.Com. :1:60

Ph.D. :1:08

6. Mentor-Mentee List : List attached

7. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

Technical	Sanctioned	Filled
Class 3		
Class 4		

8. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil /PG

Qualification	P G	M.P hil.	Ph. D.	D.Li tt.	Post Doc Fellowship	D.Sc.
No. of Staff	5	3	4	-	1	-

Seminars/ Conferences/Workshops organized & the source of funding: NIL

- a) National:
- b) International:
- c) State:
- d) District:

9. Student profile programme/course wise:

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			*M	*F	
F Y B A			174	195	
S Y B A			48	46	
T Y B A			34	56	
MA -I	13	13	17	10	
MA -II	22	22	11	12	
PGDBF	09	09	05	02	

10. Diversity of Students:

Course	% of students from the same state	% of students from other States	% of students from abroad
MA -I	100	NIL	NIL
M A -II	55.55%	7.4%	37%
PGDBF	100%	NIL	NIL

11. Student progression

Course Name	UG to P G	PG to M.Ph il.	PG to Ph. D.	Ph.D. to Post-Doctor al	Employed • Campus selection • Other than campus Recruitment	Entrepreneurship/ Self-employment
MA Part-I	05					
PGDBF	05					

12. Details of Infrastructural facilities:

a) Library-

Purchases in the academic year 2023-24	Total Number	Total Value
Books	16	47501/-
Journals	07	□ 21926.4 /-

b) Internet facilities for Staff & Students: Available in the department and Library

c) Class rooms with ICT facility:

Number of Desktops : 04

Number of Laptops : NIL
 Number of LCD Projectors: NIL
 Number of Digital Classrooms: NIL
 Number of Printers: 02
 Number of Scanners:02

d) Laboratories Details : N.A.

Number of UG Laboratories
 Number of PG Laboratories
 Number of Research Laboratories
 Equipment Details

13. **Whether the Stock Taking is done? Attach a report. NA**
14. **Whether Dead Stock (Capital Stock) and Recurring Stock (Current Stock) are maintained ? Attach reports. NA**
15. **Are the minutes of meetings of Term end meeting recorded ? Attach a sample copy**
16. **Is Departmental IQAC functional ? Attach minutes of meeting of DIQAC meetings.**
17. **Give the details of Class wise incharge teachers appointed for FY / SY/ TY/ PG (Part 1) / PG (Part 2)**

Name of the Teacher	Class
Dr.S.S.Deshmukh	F Y B A
Prof.S.A.Vartak	TYB.Com- A
Dr.PadmashriMujumdar	S Y B .Com –D and PGDBF
Dr. Amrita Priyam	M A Part-I and II F Y B A (English Medium)
Prof.PoojaBadekar	S Y B A

18. **Give the details of Section wise Coordinator teachers appointed for UG/ PG/ Junior.**
19. **Is the CHB record notebook centrally maintained at the level of HOD? YES**
20. **Is the register of students under Earn while Learn Scheme is maintained? Is it checked daily by concerned Incharge& HOD? NA**
21. **Does the leave record maintained at Departmental Level for all teaching and non-teaching staff?**
 Maintained at College Level
22. **Is incoming and outgoing time register maintained in the Department? Attach a sample copy.**
23. **Is the online Teachers Diary maintained by all the teachers and is checked regularly by HODs?**
24. **How frequently equipments present in the Department are maintained?**
 As per Requirement
25. **Does the Calibration of equipment is carried out at least once in a year?**
 NA
26. **Are the electrical maintenance work, LPG gas maintenance work, furniture maintenance work, plumbing work carried out at Department level at regular interval? Attach a sample report. NA**
27. **Are the Petty Cash advances cleared properly at Departmental Level? NA**
28. **Are the advances taken from accounts section by staff members cleared within time ? YES**
29. **Does the Department send the AQAR, Departmental report within a given time? YES**

30. What is the percentage of online record keeping at Departmental Level?
31. Do all non-teaching staff members wear uniforms daily ? NA
32. Do the staff members fill and submit online self appraisal reports to HODs?
33. Is the purchase procedure (for purchase of books, equipment and other items) strictly followed? YES
34. Is the procedure for temporary recruitment of teaching and non-teaching staff strictly followed? YES
35. Are the CRs and Self Appraisal reports of all staff members are submitted in 2nd - 3rd week of April?
36. SWOC analysis of the department and future plans:

Strength: Qualified Staff, Effective Teaching, Good interpersonal relation with students

Weakness: Non availability of LCD Projector in P G Classes and in the Department

Opportunities: The department is privileged with the presence of national level institutions in Economics and Banking within the range of 2 km like GIPE, VAMNICOM, College of Agriculture Banking (RBI), and Mahatma Phule Agricultural College. This gives the opportunity to the department to organise guest lectures of the experts, in organising field visits and signing the MOUs.

Challenges: In the NEP curriculum the subject Other Elective (OE) is taught to students from other faculty. The constraints in class availability compels to conduct these lectures in online mode.

37. Future Plans of the department:

1. Develop the Department Library step by step.
2. To organise Panel Discussion after Union Budget.

The Department of Economics conducted various activities in the academic year 2023-24 successfully. All exam related works were conducted within the given time limit. All the results of UG Arts and Commerce, PG (MA Economics) and PGDBF (Post Graduate Diploma in Banking and Finance) were declared as per the schedule of the college. Various competitions were held by the Department of Economics organized by the Planning Forum. Eco Fest "Arthotsav -24" was organized by the Department of Economics in January, 2024.

The faculty members of the department of Economics excelled in achieving various degrees, awards and recognition in this academic year.

Following activities were organized by the department in 2023-24:

- 1) Guest lecture was organized by the Department of Economics on 20th January, 2024. The guest was Prof. Sangeeta Shroff, Professor, VAMNICOM, Pune, who spoke on "How India can be a \$ 5 trillion Economy- Focus on Gender and Cooperatives".
- 2) Guest lecture was organized by the Department of Economics on 23rd January, 2024. The guest was Dr. Kalyan Lakshmi Chitta, Senior Manager, Union Bank of India, Pune, who spoke on "The Concept of Non-Performing Assets and its Implications".
- 3) Students of FYBA (Marathi and English medium), MA Economics (Part I and Part II), Post-Graduate Diploma in Banking and Finance (PGDBF) had a library visit.
- 4) The students of Post- Graduate Diploma in Banking and Finance (PGDBF) attended Women Entrepreneurship Summit 2024 organized by National Institute of Bank Management (NIBM) on 16th March, 2024.
- 5) The students of T.Y.B.Com (Banking special), FYBA and MA Economics visited RBI's Agricultural Training College on 6th December, 2023.

Faculty Achievements

Details of the academic achievements of the faculty members of the Department of Economics in the academic year 2023-24:

Dr. Abhay Shende

1. Appointed on Research and Recognition (R&R) Committee in the subject of Economics under the faculty of humanities by Honorable Vice-Chancellor of Savitribai Phule Pune University, Pune.
2. Worked in the R&R Committee of Savitribai Phule Pune University, Pune.
3. Worked as CAS member subject expert.
4. Worked as subject expert in approval for Principals and Professors in Savitribai Phule Pune University, Pune.

Prof. Sandhya Vartak

1. Appointed as paper setter for T.Y.B.Com Semester V (Autonomous), in October 2023 at Garware College of Commerce, Pune.

Dr. Padmashri Mujumdar

1. Successfully completed a one day faculty development workshop on “Research Projects Under Unnat Maharashtra Abhiyan” conducted by IIT Bombay organized by Modern College of Science, Arts, and Commerce (Autonomous), Shivajinagar, Pune -5, on 25th April, 2024.
2. Invited as an External Subject Expert on the Local Selection Committee constituted to appoint the Assistant Professors on ad hoc basis in the subject of Economics at Symbiosis College of Arts and Commerce on 14th June 2023.
3. Completed One week Faculty Development Programme organized by Institute of Home Economics, University of Delhi on Academic Research Writing.
4. Completed Faculty Development Programme organized by NPTEL of 04 weeks (July-August 2023) on Economics of IPR.
5. Completed Faculty Development Programme organized by NPTEL of 12 weeks (July-October 2023) on Economics of Banking and Finance Markets.

Prof. Puja Badekar

1. Successfully completed a one day faculty development workshop on “Research Projects Under Unnat Maharashtra Abhiyan” conducted by IIT Bombay organized by Modern College of Science, Arts, and Commerce (Autonomous), Shivajinagar, Pune -5, on 25th April, 2024.

Dr. Amrita Priyam

1. Successfully completed a one day faculty development workshop on “Research Projects Under Unnat Maharashtra Abhiyan” conducted by IIT Bombay organized by Modern College of Science, Arts, and Commerce (Autonomous), Shivajinagar, Pune-5, on 25th April, 2024.
2. Authored a book named “Basics to Rural Development”, published in January, 2024 with ISBN: 978-81-940498-6-9.
3. Contribution of book chapter named “Gender Sensitization: A Review on Recognizing Accreditation of Women”, in a book “Perspective on Gender and Development”, of Department of Economics, Government College of Commerce and Economics, Borda-Margao, Goa.

Prof. Nandini Singh

1. Qualified NET Exam.

- Prof. Dr. Abhay Shende
Head, Dept. of Economics

Department of English

PART A

For the departments having **more than 3** staff members :

Department Name: English

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Prof. Alka Kamble	HoD and Chairperson of DIQAC	9423005026	hodenglish@moderncollegepune.edu.in
2	Prof. Dipali Lodh	Member 1	9822534716	lodhenglish@moderncollegepune.edu.in
3	Prof. Pallavi Math	Member2	9920668560	mathenglish@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes : 1) English For International Examination

2) Developing English Skills

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year :

1) Conducted Remedial Classes in the SEED Project

2) Participation in YSS

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Developing Language Skills	Conducted Guest Sessions and SEED Project for Developing Language Skills

**** Attach the Academic Calendar of the year as Annexure.***

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes : N/A

1.1.2 Number of Programmes where syllabus revision was carried out during the year : 6 Programmes

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : Two

1.2.1 - Number of new courses introduced across all programmes offered during the year : N/A

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System : Five

1.3.2 Field Projects / Internships under taken during the year : N/A

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
Three (Grantable) Six (Non Grant)	9	Projector	One	One	Language Laboratory Software provided

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
Three	Three	N/A	N/A	N/A

2.2 No. of permanent faculty with Ph.D. : N/A

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)			
Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2023-2024	Prof. Dipali Lodh was awarded the Eklavya Mitra Award By the Eklavya Foundation for Mental Health for translating booklets and other material		

2.5 Faculty participation in conferences and symposia:

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning: Communicative Teaching Method

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development : Eight BoS in English, Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5 as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes : Taking Review every month

2.13 Initiatives undertaken towards faculty development by the department : N/A

2.14 Details of Administrative and Technical staff N/A

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year: N/A

3.2.3 - Number of teachers recognised as research guides : N/A

3.3.1 Incentive to the teachers who receive recognition/awards : N/A

3.3.2 Ph. Ds awarded during the year : N/A

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects SEED Project by MCASC Pune 5

	Completed	Ongoing	Sanctioned	Submitted
Number		Ongoing	45000/	July 2024
Outlay in Rs. Lakhs				

3.4 Details on research publications in current academic year : N/A

Please provide scan copies of the papers published as annexure : N/A

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations N/A

3.7 No. of books published : N/A i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department : N/A

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department : N/ A	Level	International	National	State	University	College
	Number					
	Sponsoring agencies					

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/ Certificates as annexure

3.13 Details of collaborations : N/A

3.14 Details of linkages created during this year ? N/A

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year N/A

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year : N/A

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them: N/A

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers N/A

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other) N/A

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : N/A

3.5 Collaborations				
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year				
Nature of Activity		Participant	Source of financial support	Duration
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				
Organisation		Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	Two		Central				One		
Added									
Total									

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services : Meetings Held

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
42	12	N/A	

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students Six

Please provide the list of students, Gender, class, category as annexure

Men

No	%
No	%

Women

5.2.1 - Number of outgoing students who got placement during the year : Three

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance : Counselling sessions conducted for First Year Students

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Communication Skill	2023-2024	100	Teachers from the Department

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) N/A

5.11 Student organised / initiatives : N/A

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year					
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development : BOS in English
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department : Skill Oriented Syllabus

7.4 Contribution to environmental awareness / protection : Text Book oriented awareness programme

7.6 SWOC Analysis of the Department

8. Plans of Department for next year: To start a new Post Graduate Diploma in Cultural Intelligence

Name 1: Prof. Dipali Lodh

Name : Prof Alka Kamble

Name 2 : Prof. Pallavi Math

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

The Department of English organized the following activities for the year 2023-24

- 1) A guest lecture on International English Examinations, by English language Trainer Ms. Madhura Kale –Patankar, on 18th August 2023. The session was coordinated by Ms. Khyati Tiwari and Ms. Aastha Anshuman.
- 2) A Letter Writing Competition on 25th August 2023 on the topic ‘Letter to a Teacher’ The Competition was coordinated by Ms. Nilam Ingole and Ms. Pallavi Math. Around 150 students across the faculties of Arts, Science and Commerce participated in the activity. The competition was judged by Ms. Ann Joy and Ms. Sneha Bapat.
- 3) An Industry- Academia meet under the aegis of the Alumni Association of the Dept. of English was organized on 5th September 2023. Alumni Ms. Reeti Banerjee-Ghoshal (Content writing), Mr. Sagar Dubewar (Technical Writing), Mr. Rushav Sahu, (Content Writing) and Pravin Lulekar (Teaching) guided the students on honing their language skills for enhancing employability. The session was coordinated by Ms. Pallavi Math and Ms. Nilam Ingole.
- 4) ‘In Translatum’, a competition for translation of literary pieces was organised by Ms. Sukanya Garg on 9th October 23. It was judged by Ms. Shilpa Sheth (Translator). Students across the faculties of Arts, Science and Commerce participated in the activity.
- 5) A Wall magazine ‘Literary Landscapes’ for students across the faculties of Arts, Science, Commerce. Started on 23rd October 2023. It is coordinated by Ms. Pallavi Math.
- 6) A Field Visit to Pune Book Festival on 21st. December 2023 was organised for the M. A. II students. The visit was organised by Ms. Pallavi Math. Students explored various books related to English Language and Literature.
- 7) A Parent-Teacher Contact Session was organised on 23rd December 2023 for the students of FYBA NEP. The meeting was co-ordinated by Mr. Saad Shaikh and Ms. Aastha Anshuman. The parents of the students interacted with the Head of the Department, Ms. Alka Kamble.
- 8) “Mythos”, an annual exhibition of the department was organised on 29th January 2024. The theme of the exhibition was ‘Mythology’ of different cultures of the World. Ms. Dipali Lodh, Ms. Sukanya Garg and Mr. Saad Ahmed Shaikh were the coordinators for the exhibition. Ms. Maryam Shaikh, Senior Research Fellow IISER, worked as a judge for the exhibition.
- 9) A Poetry Reading Competition was organised on 21st February 2024. A total of 35 students across the faculties of Arts, Science and Commerce participated in the activity. The competition was judged by poet Ms. Sonali Rasal.
Mr. Saad Ahmed and Ms. Sukanya Garg worked as coordinators.
- 10) Inauguration of ‘Educare’ under the aegis of SEED project. A guidance session by Dr. Shridhar Gokhale on Developing Communication Skills followed by an Orientation session for the Teachers of the Dept. on 26th February 2024. The project was coordinated by Ms. Sukanya Garg with Ms. Khyati Tiwari (Trainer). Ms. Alka Kamble and Ms. Dipali Lodh are the co –researchers.
- 11) Department worked as a coordinator in Literary Event in “Swarrang”, Yuva Mahotsav organised by SPPU.

Personal Achievements of the members of the Department of English

Alka Kamble:

- 1) Worked as a Convener of the Literary Event in Yuva Mahotsav “Swarrang”.
- 2) Participated in Natyavachan Competition organised by Parvati Rotary Club, Pune.
- 3) Coordinated a field visit of Science students at Khodad in association with Rotary Club of Shivajinagar on Science Day.

Dipali Lodh:

- 1) Awarded the ‘Eklavya Mitra Award’ instituted by the Eklavya Foundation for Mental Health for translating various booklets and mental health care material on 22nd July, 2023.
- 2) Worked as a Co-Coordinator for Yuva Mahotsav, (Literary Event) on September 30, 2023.

- 3) Participated in BOS as a member for syllabus designing for SYBA and MA I on 8th July, 2023.
- 4) Participated in the One Day Faculty Development Workshop on “Research Projects Under Unnat Maharashtra Abhiyan” conducted by IIT Bombay on 25th April, 2024.

Pallavi Math:

- 1) Invited as a guest lecturer on Communication Skills and Resume Writing, in the Department of Computer Science, Modern College of Arts, Science and Commerce, Pune.
- 2) Coordinated ‘Talking the Talk’, a session on facing an Interview and Public Speaking for the Best Students and Advanced Learners Committee. The resource person, Dr. Sarika Sagar, HoD Indira College of Management, Wakad, Pune interacted with the advanced learners.
- 3) Organised team games for the NSS students in the annual NSS camp, Phulgaon.
- 4) Coordinated with IIT Gandhinagar Researchers Manasi Kanetkar and Sameer Sahasrabuddhe, a survey for students across the faculties of Arts, Science, Commerce and BBA- BCA campus on User Interface and User Experience evaluation of SWAYAM NPTEL. 19th December 2023.
- 5) Conducted Book Reviews for MA English students.
- 6) Participated in BOS as a member for Syllabus designing for MA II: An Introduction to American English (Core paper) and An Introduction to Latin American Literature. (Elective), TYBA Optional English 3 An Introduction to World Literature through Short Stories.
- 10) Coordinated a Quiz for YUVA Mahotsav (Literary Event) on 13th September 2023.
- 11) Organised a mock interview session as classroom activity for the students of FY Microbiology, Physics, Botany, Mathematics, Electronics, Chemistry for the NEP subject Open Elective.
- 11) Participated in BOS as a member for Syllabus designing for MA I: English Literature From 1400-1798 on 8th July, 2023.

Nilam Ingole :

1. Participated in BOS as a member for Syllabus designing for SYBA: English Communication Skills-II (Ability Enhancement Course) on 15th March, 2024.
2. Participated in BOS as a member for Syllabus designing for FYBA: English Communication Skills-I (Ability Enhancement Course) on 8th July, 2023.
3. Participated in University level Aavishkar research competition.
4. Invited as a judge for an event in Annual fest (Ekatvam) organised by the department of Political Science.
5. Appointed as a reviewer for the National Youth Day (Essay competition) organised by the department of Commerce and Cosmos Co-operative Bank.
6. Invited as an External Examiner for NEP Practical examination in Prof. Ramakrishna More Arts, Commerce and Science College, Akurdi, Pune.
7. Coordinated a Quiz for Yuva Mahotsav (Literary Event) on 13th September 2023.

Sukanya Garg:

1. Worked as a Co-Coordinator for Yuva Mahotsav, (Literary Event) on September 30, 2023.
2. Worked as a Communication Skills Trainer for the *Per Meditatus* course in Modern Law College from October to November 2023.
3. Invited as a judge for Kaveri College’s Creative Writing Competition as part of their Commerce Horizon Week on January 19, 2024.
4. Participated in BOS as a member for Syllabus designing for SYBA and M.A.-II under the NEP scheme on March 15, 2024.
5. Conducting research on Remedial English as the principal investigator under the SEED Research Project.
6. Working as a trainer for ‘Educare’ under the aegis of the SEED research project.
7. Mentoring students of M.A.-II English as part of the YSS Research Project.

Saad Ahmed Shaikh:

1. Was invited as a judge for Inverse Poetry Slam (Pune) 2023 organised by BITS Goa on 5th August 2023.
2. Was invited as a guest poet for Hindi Saptah celebrations at National Institute of Naturopathy on 20th September 2023.
3. Conducted a guest lecture at JSPM University, Wagholi, on 28th October 2023.
4. Was invited as a guest poet at Mehfil-e-Shayari, a poetry session organised by the company Rayden Interactive on 23rd November 2023.
5. Organised an English and Marathi spoken word poetry showcase at the 11th Pune International Literary Festival on 17th December 2023. Performed for the same.
6. Organised a poetry programme, 'Poetry Sangam', at the Pune Book Festival 2023 at Fergusson College, on 24th December 2023. Performed English poetry at the programme.
7. Performed at Art Mandai 2024, held at the Mahatma Jyotiba Phule Mandai, on 26th January 2024.
8. Represented SPPU at the State-level Aavishkar: Maharashtra State Research Inter-University Convention held from 11th January 2024 to 15th January 2024.
9. Invited as judge for 'The Emoji Chronicles' at the Symphoria festival organised by Symbiosis College of Arts and Commerce, Pune, on 17th February 2024.
10. Featured in the April edition of the 'Culture Canvas' magazine by Canada-based platform Culture Crossroads.
11. Featured as a guest speaker in an online podcast 'Urdu ka Digital Safar' at the Department of Communication and Journalism, Ranade Institute, Pune, released on Spotify on 2nd April 2024.
12. Hosted the Curated Performances session of the month-long Pune's World Book Day festival organised by Nukkad Cafe at MIT-WPU on 27th April 2024.

Khyati Tiwari:

1. Participated in BOS as a member for Syllabus designing for MA I: English Literature From 1400-1798 on 8th July, 2023.
2. Worked as a Communication Skills Trainer for *Per Meditatusat* Modern Law College, Oct-Nov, 2023.
3. Invited to work as a Rapporteur for the 'Research Capacity Development Workshop: Researching Marginalities' at the Women Studies Department, SPPU.
4. Worked as a Co-Coordinator for Yuva Mahotsav, (Literary Event) on 30th September, 2023.
5. Participated in BOS as a member for Syllabus designing for MA II: Indian Writing in English on 15th March, 2024.
6. Working as a Trainer for 'Educare' under the aegis of SEED project.

Aastha Anshuman:

1. Worked as a Co-Coordinator for Yuva Mahotsav, (Literary Event) on 30th September, 2023.
2. Co-organised Parent-Teacher Contact Session on 23rd December, 2023 for the students of FYBA NEP.
3. Participated in BOS as a member for Syllabus designing for MA II: English Language and Literature Teaching (Core paper), SY NEP: Building Spoken Proficiency in English (Open-elective), SYBA English for Practical Purposes III (Vocational Skill course) on 15th March, 2024.
4. Conducted Micro-teaching as a classroom activity for MA-II for English Language and Literature Teaching on 28th Feb, 2024.

Harshal Gangurde

1. Worked as a Co-Coordinator for Yuva Mahotsav, (Literary Event) on 30th September, 2023.

- Alka Kamble

Head, Dept. of English

Department of Geography

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: Geography

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Vilas B. Kamble	HoD and Chairperson of DIQAC	9850914091	hodgeography@moderncollegepune.edu.in
2	Prof. Navnath L. Wayal	Member 1	9922376994	wayalgeography@ moderncollegepune.edu.in
3	Dr. Amit E. Sonawane	Member2	9881929999	sonawanageography@moderncollegepune.edu.in
4	Prof. Priyanka Kumari	Member3	8550990142	kumarigeography@moderncollegepune.edu.in
5	Prof. Aniket Adsul	Member4	9762778491	adsulgeography@ moderncollegepune.edu.in
6	Prof. Sanjay Tarange	Member5	9850287633	tarangegeography@moderncollegepune.edu.in
7	Prof. Shikha Yadav	Member6	9260941822	shikhachandra20@gmail.com
8	Prof. Prachi Shinde	Member7	7397978266	atpostprachishinde@gmail.com

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

Sr. No.	Activities
1	Lecture series
2	Vasundhara Fest
3	Instrumental exhibition
4	Field visits

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

*** Attach the Academic Calendar of the year as Annexure.**

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes: Nil

1.1.2 Number of Programmes where syllabus revision was carried out during the year: YES

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : Nil

1.2.1 - Number of new courses introduced across all programmes offered during the year: Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
SYBA – Field Report	42
TYBA- Survey/Field Report	40
MA- Field Project/ Internship	13
M.A./M.Sc. Dissertation	02

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
8	8	Yes	3	Yes	

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
3	1	2	-	-

2.2 No. of

permanent faculty with Ph.D.: 02

Asst. Professors	Associate Professors	Professors	Others	Total

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

R	V	R	V	R	V	R	V	R	V
1	1	2	nil	nil	nil	nil	nil	3	1

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

00

00

05

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	03	-	-
Presented papers	01	-	-
Resource Persons	01	-	-

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning: E-content developed

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

90

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1. Preparation of teaching notes and checked by HOD.
2. Demo of departmental instruments frequently before conduction of regular practical's.
3. To refresh current technical knowledge experts are invited.

2.13 Initiatives undertaken towards faculty development by the department: Nil

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	3	01	-	-
Technical Staff	-	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. Amit E. Sonawane	Ph.D.	Yes					

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	-	-	-
Non-Peer Review Journals	-	-	-
e-Journals	1	-	-
Conference proceedings	-	-	-

Please provide the information in following format as annexure

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1	Prof. Aniket S. Adsul	Trends of Crime of Left Wing Extremists in from 2017 to 2022: A Spatial dimension	International Multidisciplinary e-Journal	Volume-13, Issue-04, April 2024	8.285

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1	Dr. Vilas B. Kamble	Resource person and guest lecturer	“Geography and Competitive Examination” at Fergusson college, Pune.
		Resource person to Co-chair a session on focal theme Environment, Development and Sustainability: The Exigency of Geography for a Resilient future organized by Department of Geography, SPPU and National Association of Geographers, India (NAGI)	International conference on the theme- Environment, Development and Sustainability: The Exigency of Geography for a Resilient future
		Resource person	Syllabus re-structuring Workshop at Baramati organize by SPPU.
2	Dr. Amit E. Sonawane	Resource person	Ph.D. Research workshop organized by S. P. College Pune

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year: Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1	Dr. Amit Sonawane	SPPU	Jadhav Gokul	2021
2	Dr. Amit Sonawane	SPPU	Jadhav Keshav	2021
3	Dr. Amit Sonawane	SPPU	SanketJanrao	2021

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1	Gokul S. Jadhav	Dr. Amit Sonawane	March 2024	-

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Sr. No.	Research Scholar Name	Name of the agency	Year of receiving fellowship	Year of Registration
1	Gokul S. Jadhav	SAARTHI	01.01.2022	04.03.2020

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	3	-	-	-
Presented papers	1	-	-	-
Resource Persons	1	-	-	-
3.5 Collaborations				
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year				
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	13	1	Yes	-	-	-			
Added	-	-	-	-	-	-	-		
Total	13	1	-	-	-	-	-		

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
470	13	-	-

(b) No. of students outside the state

15

Please provide the list of students, Gender, class, category as annexure

-

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

No	%

Men

Women

No	%

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Vaishnavi Mistari	M.A. Geography	Assistant Teacher at Pre-Primary Army Public School, Dighi	20,000 /-
Altaf Inamdar	M.A. Geography	Data Analyst at Code Rise Company, Katraj, Pune.	25,000/-
Ganesh Mane	M.A. Geography	Data Analyst at Saar IT, F.C Road, Pune	25,000/-
Namrata Pujari		Assistant Teacher at Huzurpaga School, Katraj	30,000 /-

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year : 1

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

Registration number/ Roll number for the exam	Names of students selected/ qualified													Other examinations conducted by the State / Central Government Agencies (Specify)
	NET	IIT-JAM	SLET/SET	JRF	GATE	GMAT	CAT	GRE	JAM	IELTS	TOEFL	Civil Services	State government examinations	
6601431	-	-	-	-	-	-	-	-	-	-	-	-	-	Gaurav Nath (CDS- UPSC)

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance:

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

Name of the Activity conducted by the HEI to offer guidance/coaching for competitive examinations during the year		Name of the Activity conducted by the HEI to offer guidance / coaching for career counselling during the year		Number of students placed through campus placement	Link to the relevant document (s)
Name of the Activity	Number of students who attended / participated	Details of career counselling	Number of students who attended / participated		
Competitive Examination Guidance Center	327	Lectures on UPSC, MPSC and other examinations	327	-	-

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
1	Vasundhara fest	Exhibition/ Presentation	Institution	Quiz, PPT, Geographical Models, Photograph, Rangoli, Poster Competitions were conducted

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Guidance Session on Mentor-Mentee	04	18/12/2023
Workshop Series for Teachers, Students & Parents	03	06/01/2024
Guidance Session on Mentor-Mentee (Second Session)	04	23/01/2024
Workshop on IKS	08	21/02/2024
Workshop organizes by IIT Bombay under 'Aple Prashna Aple Vidnyan	07	25/04/2024

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

- Preparation of models and charts
- Best Geographical photograph competition
- Some topics are distributed among the students for teaching practices.
- Rock museum through collections from the students

- Field Visits
- Lecture Series
- Celebration of Geography Day on 14th Jan. every year.
- Preparation of education charts by students.
- Remedial coaching.
- *Vasundhara Fest.*

7.4 Contribution to environmental awareness / protection: The Department of Geography has organised Vasundhara Fest 2024 on the theme 'Geography for Resilient Future' in order to aware the students regarding various environmental issues and protection.

7.6 SWOC Analysis of the Department

Strength	1. Quick adoption of recent techniques. 2. Experienced and diverse faculty members.
Weaknesses	Less number of permanent faculties in the department.
Opportunities	Diverse career opportunities in academics, research and corporate fields.
Challenges	1. To improve student's interest in recent digital technology, research and field observations. 2. Student placements.

8. Plans of Department for next year

- Certificate course in Tourism
- Certificate course in GIS
- Collaborative Outreach program with ISRO, NRSE, IITM.

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

In the Academic year 2023-24, the Department of Geography organised several academic activities useful for the UG and PG students.

a) Guest Lecture on 12th board exam orientation and paper pattern discussion

Title: - Guest Lecture on 12th board exam orientation and paper pattern discussion.

Date: 26th August 2023

Time: - 10:00 am onwards

Expert speaker: - Smt. Surekha Pradip Daunde (Member of Geography Study Group, Pune)

No. of participants: 100 students and staff

Mode of event: - offline

A brief Report:

Guest Lecture was conducted by the department of Geography on 26.08.2023 from 10.00 am to 12.30 pm. Chief guest Smt. Surekha Pradip Daunde (Member of Geography Study Group, Pune), has taken a lecture on the topic "12th board exam orientation and paper pattern discussion" for junior college students in Auditorium (Hall CC-4). The 12th Board Exam Orientation and Paper Pattern Discussion aimed to provide crucial information and insights to the 12th-grade students. specific discussions were held to provide students with a detailed understanding of the paper patterns particularly for geography. This included information on the number of sections, types of questions, marking schemes, and specific guidelines for the same. At last, a dedicated question and answer session was conducted, allowing participants to seek clarification on any doubts or concerns regarding the board examinations. At the end of the session, the vote of thanks was delivered by junior lecturer Shri. Sachin Patil, Department of Geography.

b) Welcome Function, 2023-2024 on 1st September 2023

Title: - Welcome Function 2023-2024

Date: 1st September 2023

Time: -11:00 am to 05:30 pm

No. of participants: 120 students and faculty members of Geography Department

Mode of event: - offline

A brief on Report: -

The purpose of Welcome Party is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Students of First Year (batch:2023-24)- and second year BA (Geography) were welcomed with the red rose to this party which was organized by Third year students in the geography department at 11 am. The program started with inaugural speech by Assoc. Prof. Dr. Amit sonawane and Assist. Prof. Navnath Wayal, Department of Geography. The cultural programme like singing, dancing along with various games were organized by the senior students. After that the newly joined students expressed their feelings and gratitude. The function came to a close at 5.30 pm.

c) Guest Lecture on IKS

Title: -Guest Lecture on IKS

Date:6th September 2023

Time: -11:30 am to 12:30 pm

Expert speaker: - Prof. Abhinav Kurkute, Garware College, Pune.

No. of participants:60 students and faculty members from various department.

Mode of event: - offline

A brief Report:

A joint Guest Lecture was organized by the department of Geography and IKS committee on 06.09.2023 from 11.30 am to 12.30 pm. Chief guest - Prof. Abhinav Kurkute, Garware College, Pune, has taken a lecture on the topic "Indian knowledge system from the geographical perspective" for senior college students in Auditorium (hall 414). He has published a number of papers in National and International Journals. He has delivered lectures in various organizations and Universities. The IKS chairperson Dr. Amruta Oke (Vice-Principal) and IKS Coordinator Dr. Sachin Sakate along with HOD Dr. Vilas Kamble, started the session with a welcome note, followed by the introduction of the Speaker by Dr. Amit Sonawane, Associate Professor, Department of Geography were present in the program. Total of around 70 students and staff participated in this Programme. The speaker explains the work done by ancient Indian scholars like Varahmihira, Brahmagupta, Aryabhatta, Bhaskaracharya, Bhattila, Utpala, Vijaynandi and others in the development of astronomy, mathematical geography and cartography. He has also discussed about the possibilities and abilities of research and development in geography. After his lecture the students were given time to interact with him. Students felt that the session was more informative and interactive. The session ended with a vote of thanks by Assistant Professor Navnath Wayal, Department of Geography.

• Field Visit/ Study Tour: —

- 1. SY & TY BA, MA I & II to Konkan-Anjarle-Mahabaleshwar :-**Three day field visit to **Konkan-Anjarle-Mahabaleshwar** has been arranged from 4/01/2024 to 6/01/2024 for 40 students of SY & TY BA, MA I & II. Four faculty members accompanied the field visit namely Dr. Vilas Kamble (HOD), Prof. Wayal Navnath and Prof. Prachi Shinde.
- 2. F.Y. B.A., S.Y.B.Sc. to Kihim-Alibaug:-** One day field visit to Kihim-Alibaug has been arranged on 18/01/2024 for 50 students of F.Y. B.A. &S.Y.B.Sc. Six faculty members accompanied the field visit namely Dr. Vilas Kamble (H.O.D), Prof. Wayal Navnath, Dr. Amit Sonawane, Prof. Priyanka kumari, Prof. Aniket Adsul and Prof. Shikha Yadav.
- 3. F.Y.B.A., S.Y. B.A./B.Sc., T.Y. B.A. and M.A.-I & II to Lonikand village, Haveli:-** One day village survey/field visit to **Lonikand village, Haveli** was arranged on 28/2/2023 for 100 students of U.G and P.G. Eight faculty members accompanied the field visit namely Dr.

Vilas Kamble (H.O.D), Prof. Wayal Navnath, Dr. Amit Sonawane, Prof. Sanjay Tarange, Prof. Priyanka Kumari, Prof. Aniket Adsul Prof. Shikha Yadav and Prof. Prachi Shinde.

4. **Students of FYBA (Geography) to IMD, Shivajinagar:-** on the occasion of science day and as per the curriculum, a one day field visit has been arranged on 28/02/2024 for 38 students of FYBA. Four faculty members accompanied the visit namely Prof. Sanjay Tarange, Prof. Priyanka kumari, Prof. Shikha Yadav and prof. Prachi Shinde.

VASUNDHARA FEST 2024

Vasundhara Fest is a Departmental level fest organized annually by the Department of Geography, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune, which is well appreciated in the Academic Circles and well attended by UG and PG students. The Students of the Dept. of Geography (Undergraduate and Post-Graduate) belonging to the Arts and Science faculty volunteer to work together for the said festival. 60 students participated in various competitions. In the academic year 2023-24, Vasundhara Fest was organized on the occasion of Geography day on 23rd and 24th January 2024. The detailed programme included: 1) Guest lectures by Expert Resource Persons. 2) Departmental Competitions viz. Poster, Models, Quiz, Rangoli and Geographical Photography Competitions.

INAUGURAL FUNCTION

Chief Guest: Prof. S. S. Deshmukh (Secretary, Progressive Education Society & Vice Principal Administration, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-05.

Guest of Honour: Dr. Vidya Mohite, Department of Geography, S. P. College Pune-30.

Dr. Vilas B. Kamble, Head, Department of Geography, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune. The Vasundhara Fest 2024 with the theme of 'Geography for resilient future' was started with the inaugural function on Thursday, 23rd January 2024 by the hands of Prof. S. S. Deshmukh (Secretary, Progressive Education Society & Vice Principal Administration, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-05 and Dr. Vidya Mohite, Department of Geography, S. P. College Pune-30. The function started with cutting the ribbon and Saraswati Pujan. The inaugural function was also accompanied by Dr. Vilas Kamble, Head, Department of Geography, Prof. N. L. Wayal, Dr. A. E. Sonawane, Prof. Sanjay Tarange, Prof. Aniket Adsul, Prof. Priyanka Kumari, Prof. Shikha Yadav and Prof. Prachi Shinde of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5. The programme was introduced by Dr. Vilas Kamble, In-Charge of Vasundhara Fest 2024.

Poster, Photography, Models, Rangoli, PPT and Quiz Competition

- **Geographical Posters Competition Judge: Dr. Bharat Kalbage**, Head, Department of Zoology, and composition In-charge - Prof. Priyanka Kumari, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.
- **Geographical Photograph Competition Judge: Dr. Rajkumar Barmukh**, Department of Botany, and composition In-charge - Prof. Shikha Yadav, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.
- **Geographical Rangoli Competition Judges: Dr. Renu Bhalerao**, Department of Botany, and composition In-charge - Prof. Aniket Adsul, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.
- **Geographical Models Competition Judge: Dr. Vidya Mohite, Prof.**, Department of Geography, S.P. College, Pune-30. and composition In-charge - Prof. Sanjay Tarange, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.
- **Geographical Power Point Presentation Competition Judge: Dr. Vidya Mohite, Prof.**, Department of Geography, S.P. College, Pune-30. and composition In-charge - Prof. Aniket Adsul, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune.

The inauguration of Vasundhara Fest 2024 took place on 23rd January 2023 at 10.30 am which was followed by Guest Lecture from 10.30 am to 11.30 am. The Geographical Models,

Posters, Photographs and Geographical PPT Competition was held on the same day from 11.30 am to 4.00 pm. On the second day of the Fest, i.e., 24th January 2023, was held from 11.30 am to 1.30 pm. The Rangoli Competition was followed by a Quiz Competition held between 2.00 pm and 3.00 pm. The Geographical Instrument Exhibition was held simultaneously on both the days of the fest.

List of winners of Vasundhara fest 2024

- **Poster Competition:** Total 29 students from UG and PG participated in this competition. The students explained their posters well to the guests. The 1st prize was won by Sakshi Awate of F.Y.B.S. The 2nd prize was won by Shreya Nair & Tejas of S.Y.B.A. and 3rd prize was won by Moyukh Chakma of F.Y.B.A.
- **Photography Competition:** In the Geographical Photography competition 35 entries came from UG and PG students. The students explained their photographs well to the guests. 1st prize was won by Prajwal Bobade FYBA. The 2nd prize was won by Amit Raut of S.Y. B.A. The 3rd prize was won by Sai Nimbalkar of Sarthak Dashputre (SYBSc).
- **Model Competition:** Geographical Model competition has more than 36 entries from UG and PG students. The students explained their models well to the guests. The first prize won by SYBA (Jitesh Jagatap, Gayatri Jagtap, Pranali, Meshram, Nagita), the 2nd prize won by two groups- FYBA (Sarthak Vyavhare, Ankita Dharade, Prajwal Bobde) and SYBA (Amit Raut, Shreya Nair, Pooja, Tejas Dargad, Neha). The 3rd prize won by SYBA (Galib Ansari) and FYBA (Dnyaneshwari Atole, Sahani Dissinayake, Sakshi Awate)
- **PPT Competition:** Geographical PPT competition has more than 7 entries from UG and PG students. The students presented their topic well to the guests. The 1st prize was won by Anishmita Das (MA-II).
- **Rangoli Competition:** Geographical Rangoli competition has 20 entries from UG and PG students. The students explained their Rangoli well to the guests. 1st prize was won by Pooja and Pranali Meshram (SYBA). The 2nd prize was won by Sakshi Saha and Swapnali Patil of T.Y.B.A. and 3rd prize won by Anuja Magar and Pranav Thakare (FYBA).
- **Quiz Competition:** Geographical Model competition has more than 39 entries from UG and PG students. The students enthusiastically took part in the quiz. The 1st prize was won by TAPI TEAM (Vidya B. Patole, Rupali Akade Astha Das Amit Raut, Sarthak Dashputre, Pooja, Yash Throat)
- **Prize Distribution and Valedictory Function Chief Guest: Prof. B. S. Jadhav** chairman and founder "Santaji Dhanaji Education Society, Pune. **Dr. Vilas Kamble**, Head, Department of Geography, felicitated the guests of the valedictory function. The prize winners of the Poster, Photography, PPT, Models, Quiz and Rangoli Competition were awarded with a certificate, a medal and memento by the chief guests. The 'Vote of Thanks' of the Valedictory function was delivered by Prof. Shikha Yadav.

Farewell Function, 2023-2024 on 1st March 2024

Title: - Farewell Function 2023-2024

Date: 1st March 2024 **Time:** -10:30 am to 05:30 pm

No. of participants: 120 students and faculty members of Geography Department

Mode of event: - offline

Every year the students of S.Y.B.A and M.A -I organize the farewell event for the students of T.Y and M.A-II , likewise this year that event was held on 1st March 2024. It began at 10:30 am with the welcoming of professors and seniors in the traditional manner by offering them sweets. After that the Honourable H.O.D along with all the professors of the department lit the lamp. Then the Students felicitated all the professors after which two short movies of T.Y.B.A and M.A-II Students were put on the show which was created by the juniors. Later on each and every student of M.A -II and a few students of T.Y.B.A came up to share their experiences of their college years. Further it continued with the addressing of students by Dr. Amit. E. Sonawne, Prof. Navnath. L. Wayal, Prof. Shikha Yadav and the Head of the department Dr. Vilas.B. Kamble. Thereafter the presents were bestowed to the seniors and finally the programme came to an end by the folk dance of Ladakh and other performances.

Meeting of BOS 2023-2024

The meeting of BOS 2023-2024 of geography department was successfully held on 11/03/2024 under chairmanship of **Dr. Avinash Kandekar**, Geography department, Savitribai Phule Pune University, **Prof. Dr. Virendra Nagarale**, Department of Geography, S.N.D.T. Women's University and **Mr. Ganesh Kumbhar**. (Director, TERA Informatics Services.).The detail structure of syllabus of SYBA, SYBSc, and MA-II as per the NEP curriculum framework were discussed. The meeting was also accompanied by the teaching as well as non- teaching members of the department.

Academic and Administrative Audit 2023-2024

Academic and Administrative Audit 2023-2024 of the Geography department was successfully held on 13/03/2024 under chairmanship of **Prof. Dr. Jaybhaye Ravindra Gahininath (Chairman) department of geography SPPU**. The meeting was also accompanied by the teaching as well as non- teaching members of the department.

Achievements of Teaching Staff

Dr. Vilas B. Kamble

- Authored a book title "Maharashtrache Bhugol" which was published by Fern International Publication Pune.
- Invited as a resource person and guest lecturer on "Geography and Competitive Examination" at Fergusson college, Pune.
- Invited as a resource person on the occasion of "Geography Day" at Karve Mahila Ashram School and Junior College, Pune.
- Invited as resource person to Co-chair a session at the International conference of the National Association of Geographers, India (NAGI), on focal theme Environment, Development and Sustainability: The Exigency of Geography for a Resilient future organized by Department of Geography, SPPU.
- Invited as Judge and resource person at Ph.D. pre- submission viva SPPU.
- Invited as Judge for Geo-Fest competition organized by S. P. College, Pune.
- Invited as Resource person for syllabus restructuring, workshop at Baramati organized by SPPU.

Dr. Amit Eknath Sonawane

- Attended the syllabus re-structuring workshop for the students of S.Y.B.A./S.Y.B.Sc., MA/MSc at Vidya Pratishthan Baramati, by SPPU.
- Invited as judge and resource person for poster and PPT presentation competition in Geo-Fest organized by S.P. college Pune.
- Invited as Resource person for Ph.D. Research workshop organized by S. P. College Pune.

Aniket Adsul (Assistant Professor)

- Attended the International conference of the National Association of Geographers, India (NAGI) on the focal theme Environment, Development and Sustainability: The Exigency of Geography for a Resilient Future organized by Department of Geography, SPPU.
- Paper published in 'International Multidisciplinary E-Journal' titled 'Trends of Crime of Left Wing Extremist in India from 2017 to 2023: A Spatial Dimension': ISSN:2277-4262, SJIF: 8.285, Vol-13, Issue-04, April 2024.

Shikha Yadav (Assistant Professor)

- Presented a paper in the international conference of the National Association of Geographers, India (NAGI) entitled "Translation of Resilience into Urban Planning and Implications: A Case Study of Pune City" organized by Department Of Geography, SPPU.
- Worked as a Rapporteur in Online technical session in the 45th international conference of the national association of Geographers, India (NAGI) on focal theme Environment, Development and Sustainability: The Exigency of Geography for a Resilient future, organized by Department of Geography, SPPU.
- Completed online course on "Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System" organized by Indian Institute of Remote Sensing, Dehradun by ISRO.
- **New appointment:** Miss. Prachi Shinde Newly appointed as Assistant Professor in the department.

- Dr. Vilas Kamble
Head, Dept. of Geography

Department of German

As the Head of the German Department, it brings me great pleasure to present the annual report highlighting the vibrant activities and achievements of our students and teachers throughout the academic year.

- The year kickstarted with the Inauguration of the new space provided to the Department of German in the new building of the college. The ceremony was blessed with attendees like Dr. Rajendra Zunjarrao, Principal, Dr. Amruta Oke, Vice Principal Arts, Dr. Anjali Sardesai, Vice Principal Academics as well as Mrs. Sanjeevani Kuvalekar, former Head, Department of German, Ms. Alicia Padros, Head of Language Department, Goethe Institut, Max Mueller Bhavan, Pune, Mrs. Shivali Gore-Acharya, Project Manager, PASCH, Mrs. Vaishali Dabke, Project Manager, Educational Services (BKD), Goethe Institute, Max Mueller Bhavan, Pune and the DAAD representatives Ms. Dhanashree Deodhar and Ms. Girija Natu. The day also marked the inauguration of the departmental library which consists of almost 500 books.
- On 28th August 2023, the Department, and the students of T.Y.B.A hosted a welcome function for the newly joined students. It was a celebration with music, dance, games and an interactive session between the juniors and seniors.
- The Department achieved a milestone by successfully implementing an Exchange Program between Modern College and a German School during 26th October to 5th November 2023. The teachers and students of the Department of German along with the Department of Biotechnology hosted a Welcome Reception for the guests of the Johanna Wittum School, Pforzheim, Germany. Students of both the departments showcased the wide and vibrant culture of our country with a variety program consisting of classical music, classical and folk-dance performances, and an interesting and informative presentation about Pune.
- Students of the Department of German also indulged the guests in cultural exploration by taking them for a tour of Pune city, showing them the Tekdi culture of Pune as well as engaging in conversations about India and Germany.
- Students of the Department of German attended an online session on 'Career Opportunities with German Language' on 31st July 2023 organized by PASCH and Goethe Institut, Max Mueller Bhavan, Pune.
- In collaboration with the Deutsch Aktiv Culture Club, the Department of German hosted a German film screening for the students on 23rd December 2023. The film 'Obendrüber da schneites' portraying the Christmas celebrations in Switzerland was a learning experience for the students, as it also set the right tone for the year end. This event was paired with the Secret Santa celebration amongst teachers and students of the Department of German thereby enhancing the festive mood.
- On 27th December 2024, the Department organized an Alumni Meet, wherein three students shared their experience of having studied German and narrated about their flourishing professional life in German language. Where one student Ms. Sana Oswal is currently pursuing Masters in Germany, the other two Ms. Ashwami Patil and Ms. Prachi Atre have become German teachers and also work with the Indo-German Chamber of Commerce. Students of F.Y, S.Y and T.Y really got inspired listening to the success stories of the alumni.
- The new year started with a flashback of 2023. The Department of German came up with an innovative idea of commemorating world events from the previous year. Students and teachers of the department presented topics like Turkey - Syria Earthquake, G20, Coronation of Prince Charles, Caucasus Exodus – seizure of Azerbaijan in

NagornoKarabakhetc, Israel – Hamas war, Grand Master KarthikeyanMurali's victory over Magnus Carlsen. This was meant as a language learning activity, pertaining to which the presentations were done in German.

- Students of the Department also participated in the various competitions organized by the German Section, Department of Foreign Languages, SPPU during December 2023 – January 2024. They also attended the yearly German funfair 'Spieraale' with language games, flea market and food stalls on 7th January 2024. It was indeed a fun learning experience for the students.
- On 11th January 2024, students of German attended a creative writing workshop by Aboli Patwardhan providing students with a unique and enriching experience. Focused on teaching the art of writing Elfchen in German, the workshop not only imparted language skills but also fostered creativity and cultural appreciation. Ms. Patwardhan's expertise and guidance undoubtedly played a crucial role in the success of the workshop. Her passion for the German language and literature likely inspired students and created a conducive learning environment. Patwardhan's approach may have been structured yet encouraging, allowing students to explore their creativity while honing their language skills. The choice of Elfchen as the writing form is particularly noteworthy. Elfchen, a concise poetic form consisting of 11 words spread across five lines, challenges writers to express themselves succinctly and powerfully. By mastering this form in German, students not only expanded their linguistic abilities but also enhanced their understanding of poetic expression and cultural nuances.
- Students also attended the DAAD Info-session on the topic 'Higher Studies in Germany' and an Info-session on Career in Translation by Mr. Sandeep Nulkar of the translation firm BITS Private Ltd on 11th January 2024.
- A day-long conference 'Teachers For Future – Literature and Culture in changing times' conducted at the Fergusson College, Pune was attended by students and teachers of the department. As the name suggests, it was planned keeping in mind the current as well as the would-be teachers of German language. Our entire staff of German department and a wholesome number of students from the senior college attended this seminar. There were teachers present from almost all the educational institutions all over Pune, where German language is offered. The seminar consisted of many activities like presentations on the on-going trends in teaching methodologies, use of technology in teaching, how learning the German language can be integrated with creating employment etc.

Two students from T.Y.B.A. German Special – Anadee Pathak and Samvita Hattangadi presented papers at this conference.

- Students from S.Y.B.A and T.Y.B.A attended a guest lecture 'Study in Germany' delivered by Ms. Daria Gibhardt, an intern at Goethe Institut, Max Mueller Bhavan, Pune at Fergusson College on 16th February 2024.
- On 23rd February 2024, the Department of German organized an Info-Session conducted by the Indo German Chamber of Commerce (IGCC) & Indo German Training Centre (IGTC). Ms. Vidhi Daryanani facilitated this Info Session and threw light on Management Studies based on the German Dual Education System.
- Quiz Competition on (DACHL) German speaking countries:
On the Reunification Day of Germany celebrated on the 3rd of October, the Department of German organized a Quiz Competition. Our students enthusiastically participated in a quiz competition focusing on the DACHL countries (Germany, Austria, Switzerland and Liechtenstein). The competition not only tested their knowledge of the cultures, languages, and histories of these nations but also fostered a spirit of healthy competition and academic engagement among the participants.

- **Cooking Competition:** A delightful event that tickled both taste buds and creativity was our cooking competition on the 3rd of January 2024. Students showcased their culinary skills by preparing sweet/savory dishes inspired by German cuisine. The competition not only celebrated gastronomic diversity but also provided a platform for students to explore and appreciate the rich culinary heritage of the German-speaking world.
- **Creative Writing Competition:** Our students proved their prowess with words in the creative writing competition held on 2nd of February 2024, where they crafted imaginative and captivating texts. From poignant narratives to whimsical tales, the entries were a testament to the creativity and talent present within our student body. The competition not only honed their linguistic abilities but also encouraged them to express themselves freely and artistically in the German language.
- **German Day Celebration (German Fest):**
The highlight of our academic calendar was undoubtedly the celebration of German Day as a vibrant German Fest on the 7th of March 2024. Students showcased their talents through lively dances, melodious songs, and entertaining skits, reflecting the rich cultural tapestry of the German-speaking world. The event was a joyous culmination of our students' dedication and enthusiasm throughout the year. We were honored to have esteemed guests join us for the festivities, where students were recognized and rewarded for their outstanding performances.
- The Department of German organized a Farewell for the students of TYBA German Special 2023-24 on 11th March 2024. The theme of the event was Traditional, so all students and teachers were dressed in beautiful sarees and kurtas. The students of SYBA planned games for everyone. One of them was Passing the Parcel, where a dare had to be performed by the person on whom the parcel landed. In the other game we had to guess a song based on hints and won points for it. One of the second-year students performed a song on the guitar. The event ended with refreshments and handmade gifts made for the TYBA students by the SYBA students.

(Junior College)

At the beginning of the new academic year, the Department of German organized an interactive and informative session conducted by Head of the department Prof. Sneha Mahajan for 12th STD students on 7th August 2023.

This was mainly to introduce Students a newly installed smart board in the department along with making it easy for them to understand the geographical and cultural scenario of German speaking countries like Germany, Austria and Switzerland.

Competitions for Students:

- **Kochtag: (Cooking Competition)**

This was held on 3rd January, 2024. Students from 11th and 12th standard participated in this where they were supposed to bring either a sweet or a Savory dish, cooked by themselves at home which was served and presented in front of the judges at the venue. Criteria for this was the recipe must be from German speaking countries: Germany, Austria, and Switzerland.

Winners:

Winners for Sweet Dish - Gargi Karikar and Suraj Gawde from 11th G
Winners for Savoury Dish – Ashka Kadam and Manasvi Swami from 11th G

- **Quiz Competition:**

This was conducted on 1st February 2024.

Topics for the Quiz was General Trivia about DACH countries; Germany, Austria, and Switzerland. Students from 11th and 12th standard participated.

Winners:

1st Prize: Gargi Karikar from 11th G

2nd Prize: Shreya Chillal from 11th F

- **Creative writing:**

The competition was held on 1st February 2024. A picture was given to students and they were told to describe it in German language. It was a partner competition. Students from 11th and 12th standard participated.

- Sneha Mahajan and Aishwarya Karikar attended the Winter Teachers' Training Program organised by BKD, Goethe Institut, Pune on December 2nd and 3rd, 2023. The topic was lesson planning and time management. The resource person, Ms. Shubhada Bodapatty is a teacher and trainer at Goethe Institut.
- Sneha Mahajan successfully completed two DLL (Deutsch LehrenLernen) courses from the new advanced training and professional development series of the Goethe-Institut. DLL 5 – Lernmaterialien und Medien (Learning material and media) and DLL 6 CurriculareVorgaben und Unterrichtsplanung (Curricular requirements and lesson planning) from May to October 2024.
- Sneha Mahajan and Aishwarya Karikar attended the Summer Teachers' Training Program organised by BKD, Goethe Institut, Pune on December 2nd and 3rd, 2023. The topic was lesson planning and time management. The resource person, Ms. Shubhada Bodapatty is a teacher and trainer at Goethe Institut.
- Sneha Mahajan and Aishwarya Karikar attended the Sommer Teachers' Training Program organised by BKD, Goethe Institut, Pune on May 6th, 7th and 8th, 2024. The topics were GrammatikvermittlungimDaF-Unterricht, MINT und DaF: neueWege und Perspektiven, Wiebewerteichschriftliche und mündlicheLeistungenfür Fit in Deutsch 1 and InterkulturellesLernenbeimDaFUnterricht.
- Sneha Mahajan was invited to conduct a workshop on 'LandeskundevermittlungimDaFUnterricht' (Importance of teaching culture to students of German language) by the Deutsch Activ Language School in Pune. Ms. Mahajan guided the students of the Teachers' Training Program for a career in German.
- One of the prime highlights of this academic year was the exchange program between Modern College and Johanna Wittum School, Pforzheim, Germany. From the 10th to 21st of May 2024, Sneha Mahajan, along with Dr. Radhika Velankar from the Department of Biotechnology and five students went to Germany to visit the school. The 11 days program of academic and cultural exchange was indeed a successful one. The participants got an opportunity to indulge in hands on experiments related to Biotechnology like DNA testing, nanopore sequencing etc. They also visited the Cancer Research Centre – DKFZ in Heidelberg, Germany, as also the pharmaceutical and diagnostic centre of ROCHE at Mannheim, Germany. The participants were accommodated in host families, which enabled them to gather insight into the German day-to-day life.

In conclusion, the academic year 2023-24 has been a resounding success for the German Department, characterized by academic excellence, cultural exploration, and creative expression. I extend my heartfelt congratulations to all the students for their remarkable achievements and express my gratitude to the faculty and staff for their unwavering support and dedication.

- Sneha Mahajan
Head, Department of German

हिंदी विभाग

_____ : _____ प्रमाणित २३-२३

[illegible]

□ □□□ □□□□□□ □□□□ □□□□□□ □□□□ - □□□□□□-□□□□□□ □□□ □□□□
□□(□□□□□□) -

[illegible]

ॐ. ०००० र ०००००० ० ०० ०००० ०००० ०००००००० ०००० ००००० ०००००००
० रे ००० ०००० ०००००००० ०००० ००००० ।

[illegible]

2. पुणे सार्वजनिक प्रशासन विभागाने पुणे महानगरपालिकेच्या वतीने पुणे शहरातील 'लिफ्ट' जरा पुढे पुढे (२२ २३) -

[illegible][illegible]

३. निम्नलिखित में से एक प्रश्न का उत्तर दीजिए : सूर्य के अलावा अन्य ग्रहों में क्या विशेषता है ?

[illegible][illegible][illegible]

4.

 (

) -

३. २०२३-२४ के लिए बजट में उच्चतर शिक्षा के क्षेत्र में १०० करोड़ रुपये का अतिरिक्त आवंटन किया गया है।

[illegible]

☐ ☐☐☐ ₹ ☐☐☐ (☐☐☐ ₹ ☐ २ ☐ २३) -

ਅੰਤਰਰਾਸ਼ਟਰੀ ਸੰਗਠਨਾਂ, ਸੰਸਥਾਵਾਂ ਅਤੇ ਸੰਸਥਾਪਕਾਂ ਦੇ ਨਾਲ ਸੰਗਠਿਤ ਕਾਰਜਾਂ ਵਿੱਚ ਸਮੂਹਾਂ ਦੇ ਮੈਂਬਰਾਂ ਦੀ ਸਹਿਯੋਗਤਾ ਨੂੰ ਖੋਜਣਾ, ਜਿਸ ਵਿੱਚ ਸੰਸਥਾਪਕਾਂ ਦੀ ਸਹਿਯੋਗਤਾ ਸ਼ਾਮਲ ਹੈ।

[illegible][illegible]

□ दिनांक : दिनांक - मास (३००० २२३)

[illegible][illegible]

<https://youtu.be/PgšYiJ-FLOc>

[illegible]
$$\square \quad \begin{array}{|c|c|c|c|c|} \hline \square & \square & \square & \square & \square \\ \hline \end{array} \begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \end{array} - \begin{array}{|c|c|c|c|} \hline \square & \square & \square & \square \\ \hline \end{array} \begin{array}{|c|c|} \hline \square & \square \\ \hline \end{array} (\begin{array}{|c|c|c|c|c|} \hline \square & \square & \square & \square & \square \\ \hline \end{array} \begin{array}{|c|c|c|} \hline \square & \square & \square \\ \hline \end{array})$$

2. **କାଳୀ - କାଳୀୟ ଗଢ଼ିଆ (କାଳୀ କାଳୀ କାଳୀ)**
3. **କାଳୀ କାଳୀ - କାଳୀୟ କାଳୀ କାଳୀ କାଳୀ (କାଳୀକାଳୀକାଳୀ)**
4. **କାଳୀ କାଳୀ - କାଳୀୟ କାଳୀ (କାଳୀକାଳୀ କାଳୀ)**
5. **କାଳୀକାଳୀକାଳୀ - କାଳୀୟ କାଳୀକାଳୀକାଳୀ (କାଳୀକାଳୀ କାଳୀ କାଳୀ କାଳୀ କାଳୀ କାଳୀ)**

ଉପରୋକ୍ତ-ନିମ୍ନ ବିଷୟ ଗୁଡ଼ିକ ଗ୍ରହଣ କରି ଗୋଟିଏ - ଡ. ଡି.ଏମ୍. ସ୍ୱାମୀ, ଡ. ସୁଶୀଳା ଦାସ, ଡ. ଶ୍ରୀ
ବିଶ୍ୱନାଥ ମହାପାତ୍ରଙ୍କୁ ।

[illegible][illegible]

<https://newspcm.com/successful-organization-of-world-hindi-day-and-hindi-film-festival-by-hindi-department-of-modern-college-pune/>.

२३. निम्नलिखित में से एक चुनें और प्रमाणों के साथ समझाएं (कुल अंक २०) -

[illegible]

२०१८-१९ वित्त वर्ष के लिए (२०१८-१९) -

[illegible]

२५. निम्नलिखित में से सही विकल्प चुनिए.. (२८ अंक)

[illegible]

२। [] [] [] [] [] रा [] [] [] [] [] ल [] [] [] र [] [] [] ला [] [] (२८ [] [] २०१७)

[illegible][illegible][illegible][illegible][illegible]

<https://newspcm.com/translation-workshop-successfully-completed-by-hindi-department-in-modern-college/>

<https://bit.ly/3UrmSLT>

२। अनुसूचित जाति आरक्षण अधिनियम, १९५० के अन्तर्गत अनुसूचित जाति आरक्षण अधिनियम, १९५० - (२) (अनुसूचित जाति आरक्षण अधिनियम, १९५०)

[illegible]

२८. जे. विलेज्जलेराकरा जेव्हा जेव्हा जेव्हा जेव्हा प्रजे (२००० र २०२०)

[illegible]

२०. प्रश्न : निम्नलिखित प्रश्नों में से एक का उत्तर दीजिए (२००० अंक)

[illegible][illegible]

संविधान के अनुच्छेद 32 के तहत, 'राष्ट्र' का अर्थ है राष्ट्रपति और संसद के बीच संबंधों को संभालने वाला व्यक्ति।

३। रा.ले.ग.रस्.रा.वि.न.न. - (२ प्रैल २२०)

[illegible]

ଜଣେ ମହିଳା ଉପରୋକ୍ତ ସ୍ଥଳରେ ଶିକାର କରିବାକୁ ଉପସ୍ଥାନ କରିବାକୁ ଯାଉଥିବା ସମୟରେ ତାଙ୍କର ଗର୍ଭ ଗର୍ଭାବସ୍ଥାରେ ଥିଲା। ତାଙ୍କର ଗର୍ଭାବସ୍ଥା ଯୋଗୁଁ ତାଙ୍କର ଶିକାର କରିବାକୁ ଯିବାକୁ ସମର୍ଥନ ନଥିଲା।

३। निम्नलिखित प्रश्नों के उत्तर दीजिए-
प्रश्न (२२) (२२ अप्रैल २०२०)

[illegible][illegible]

३२. [Barcode] विज्ञान विभाग रोहतास (२००प्रैल २०२०)-

[illegible][illegible]

ॐ नमो भगवते वासुदेवाय, श्री गणेशाय नमः, श्री कृष्णाय नमः ।
 कृष्णाय नमः, कृष्णाय नमः, श्री गणेशाय नमः, श्री कृष्णाय नमः ।
 श्री गणेशाय नमः, श्री कृष्णाय नमः, श्री गणेशाय नमः, श्री कृष्णाय नमः ।
 श्री गणेशाय नमः, श्री कृष्णाय नमः, श्री गणेशाय नमः, श्री कृष्णाय नमः ।

[illegible]

- MCASC, Pune-05**

- ਭੈ. ਪ੍ਰੇਮ ਤਤ
- ਭੈ. ਪ੍ਰੇਮ ਤਤ

Department of History

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **HISTORY**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Rajesh Y. Kulkarni	HoD and Chairperson of DIQAC	9822066100	hodhistory@moderncollegepune.edu.in
2	Dr. Priyanka Joshi-	Member 1	7040219959	morehistory@ moderncollegepune.edu.in
3	Dr. Jyotiram Deshmukh	Member 2	9765543587	deshmukhhistory@moderncollegepune.edu.in
	Prof. Manasi Bhosale	Member 3	9975013414	bhosalehistory@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: **NA** No. Faculty

Non-Teaching Staff Students

Alumni Others

2.13 Seminars and Conferences (only quality related) **NA**

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- **Gurukul Letcure Series organized on 23/02/2024**
- **Iti - the History Festival - Cultural event and Exhibition 27-29, /02/2024**
- **Heritage Walks - 27/10/2023 - Lakaki Lake, 21/01/2324 - Okayama Gardens, 16/02/2024 - Pataleshwar Caves, 24/02/2024 - Anandasharam.**

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
• Cultural Days celebration • Heritage Walk • Meditation Sessions • Career Counselling • Implementation of NEP • NEP course formation • Shifting to new Department • Department Library and collection of rare books • Department Art Gallery and Artefacts display • Departmental Museum • Lecture Series • Round Table Conference	Completed Successfully

*** Attach the Academic Calendar of the year as Annexure.**

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	08	14	–	05
UG	06	11	–	05
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	14	25		10

Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

– **1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year 07**

1.2.1 - Number of new courses introduced across all programmes offered during the year 25

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System 02

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
01 - Indian Knowledge System IKS	23ArHisU1901	01	30	58	58

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Internship	08

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
04	04	Mograsis, Vridhhi,	NA	NA	Mograsis, Vridhhi, Google

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
				01	

2.2 No. of permanent faculty with Ph.D. **01**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	03								03	

2.4 No. of Guest and Visiting faculty and Temporary faculty **Full time (Adhoc) - 03**

1) Dr. Priyanka Joshi 2) Dr. Jyotiram Deshmukh 3) Prof. Manasi Bhosale

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)			
Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
01	Dr. Rajesh Kulkarni	HOD	Bharat Itihas Sankalan Yojana , New Delhi
- Bodhi group , Igatpuri listed Dr. Rajesh ji's " DHYAN YATRA " book as a rare book . - Prof Ram Gaikwad wrote a book on Dr. Rajesh Kulkarni " Guru " . Prof Ram Gaikwad also wrote a research paper on the contribution of Dr. Rajesh for an International Conference held at Rayat Sanstha (22 to 24)Dec .			

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops			
Presented papers		04	
Resource Persons	02	01	01

1. Delivered online guidance on Meditation to Israel , Tel Aviv for A.I. professionals on 29 March 2024.

2 Online Spiritual Talk with Netherlands Architects Group on 1 April 2024.

3 Mumbai , Malabar Hills talk on Spirituality on 14 April 2024.

4 Online lecture organized by Modern College on Traditional knowledge. Scholars from Gorakhpur , Manipur , Delhi , Gohati , Surat were participated .

5 “Ancient Indian Literature” for the MA Part-I, History students of Modern Arts, Science and Commerce College, Shivajinagar Pune. Held at Department of Sanskrit and Koshshastra, Deccan College PGRI, (Deemed to be University) Pune, on 18th December 2023.

6 "Preservation and Conservation of Historical Sites it is the need of the today". Workshop on the National Service Schemes (NSS). Organized by Savitribai Phule Pune University and Fergusson College of Deccan Education Society (Autonomous), Pune. NSS department of Fergusson College (Autonomous), Pune, on 16th February 2024.

7) Participated in the One day Workshop on “Indian Knowledge System”. Organised by the MES Senior College, Pune, in association with Savitribai Phule Pune University, Pune, Bharatiya Shikshan Mandal and Bhandarkar Oriental Research Institute Pune, on 21st February 2024

8. Participated in the 1 Credit Add-on Course on “Indian Cultural Heritage Management” (ICHM) organised by Dept. of History & Dept. of Geography of Rajiv Gandhi Govt. PG College, Mandsaur, (M.P.), from 23rd February-5th March 2024.

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Use of ICT
- Field visit and application of knowledge
- Expansion of E-content
- Development of Departmental Library
- Development of Art Gallery
- Circulation of E-books and Online content
- Videos on YouTube
- Use of Learning Management System (LMS) - Mognasis and Vriddhi.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr. Jyotiram Deshmukh	Participant	21/02/24
2.	Dr. Jyotiram Deshmukh	Participant	26/08/23

01	Dr. Rajesh Kulkarni - HOD	BOS Chairman, Modern College	30/05/2023
02	Dr. Priyanka Joshi	BOS Member – World History	30/05/2023
03	Dr. Jyotiram Deshmukh	BOS Member – Ancient India	30/05/2023
04	Prof. Manasi Bhosale	BOS Member – Medieval India	30/05/2023
05	Dr. Rajesh Kulkarni - HOD	Academic Council Member, Modern College	2023
06.	Dr. Rajesh Kulkarni - HOD	BOS Member SPPU	2023

07	Dr. Rajesh Kulkarni - HOD	BOS Member - Liberal Arts Faculty, Modern College	2023
08	Dr. Rajesh Kulkarni - HOD	Academic Council Member, Liberal Arts, Modern College	2023
09	Dr. Rajesh Kulkarni - HOD	BOS Member, New Arts and Commerce College, Ahmednagar	2023

2.10 Average percentage of attendance of students **87%**

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- **Staff is Student friendly and ensures to guide students**
- **Method of teaching is Blind student friendly**
- **Special audio lectures for VH/Blind students**
- **Conducted and completed offline assessment (as per curricular)**
- **Participate in Student Activities along with students.**
- **Using innovative and visual material to aid teaching and learning process.**

2.13 Initiatives undertaken towards faculty development by the department

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	01
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	01
Others	

2.14 Details of Administrative and Technical staff **NA**

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	NA	NA	NA	NA
Technical Staff	NA	NA	NA	NA

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

NA

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/ If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr, Rajesh Kulkarni	MA, PhD,	YES	2023-24	YES	-	-	-

3.3.1 Incentive to the teachers who receive recognition/awards		
State	National	International
NA		
3.3.2 Ph. Ds awarded during the year		
Name of the Department	No. of Ph. Ds Awarded	
NA		

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects **NA**

3.3 Details regarding minor projects **NA**

3.4 Details on research publications in current academic year **NA**

Please provide the information in following format as annexure

NA

Please provide scan copies of the papers published as annexure

NA

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

NA

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

NA

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

NA

3.7 No. of books published i) With ISBN No. – Chapters in Edited Books **01**

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication
History	01

Dr. Priyanka Joshi : Published Book Chapter titled “Embracing Vernacular Education: Navigating the Pros and Cons” in Book titled – The Symphony of Knowledge published by CIRS, Patna. Date and Year of Publication: 31 December 2023, ISBN-13: 979-887417589-4

3.10 consultancy provided by the Department

NA

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department NA

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

NA

3.14 Details of linkages created during this year

NA

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year NA

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

NA

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

NA

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

NA

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

NA

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops			04	
Presented papers				
Resource Persons	02	01	01	

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
OJT	OJT	Deccan College	2/5/24 - 21/5/24	13
1. Lahu Ankush Kale 2. Richa Manohar Bujji 3. Rushikesh Prabhakar More 4. Akash Ishwar Arane 5. Ankita Sandip Muke 6. Karina Bhimashankar Kamble 7. Falguni Rajendra Goswami 8. Surabhe Rajendra Naidu 9. Gayatri Milind Shaharkar 10. Disha Dinesh Chaudhari 11. Prachi Shailesh Ingale 12. Nikhil Jaysing Bankar 13. Bhakti Shivram Pardhiye				
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				
Organisation		Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
NA				

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

- **Heritage Walks - 27/10/2023 - Lakaki Lake, 21/01/2324 - Okayama Gardens, 16/02/2024 - Pataleshwar Caves, 24/02/2024 - Anandasharam.**

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	02	–	YES	NA	NA	NA	–	52 MB	–
Added	01								
Total	03								

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

- **Personal counselling**
- **Career Counselling**
- **Mentor-Mentee Remedial Counselling**

5.2 Efforts made by the Department for tracking the progression

- **Regular Attendance Encouragement**
- **Career related support**

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
528	22	–	–

02

Please provide the list of students, Gender, class, category as annexure

NIL

Please provide the list of students, Gender, class, category as annexure

UG Men 267 49% Women 278 51 %

PG - 13 60% 9 40%

5.2.1 - Number of outgoing students who got placement during the year

NA

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

NA

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

NA

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

Students Case History - Personal Counselling

- **SWOC Analysis of each student**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

NA

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

NA

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details

1	Iti - the History Festival	Cultural event and Exhibition	College	The Department organized its annual <i>Iti - The History festival</i> on the 27th to 29th February, 2024, for the first time held for three days. Aimed to promote and showcase the cultural heritage of India, the event was divided into three segments - Day 1 was Photo with Heritage, in which students were told to visit various Heritage sites across the city and take photos with them as part of a competition - Photo with Heritage. Day 2 - was dedicated to cultural performances by students in the form of Folk songs, Quiz competition hosted by Prof. Manasi Bhosale, Powada geet from Maharashtra, poems and monologues were recited. Highlighted events were flute recital and performances by the Blind/VH students of the department. On day 3 - there were also exhibitions of Historical artefacts, Poster exhibits, Coins display and the Historical Costumes and Hairstyles display. This was set up by students of the department. The competition - Photo with Heritage - was also part of this same event for judging. Students had to present their photos with the heritage in a creative manner for our judges from the English Department - Prof. Dipali Lodh Madam and Prof. Saad Ahmed Shaikh sir to judge. The event was graced by the presence of Hon'ble Vice-Principal Dr. Amruta Oke madam and the Head of the Department, Dr. Rajesh Kulkarni along with the colleagues of various other departments who also graced the occasion. The event was coordinated by Dr. Priyanka Joshi.

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

According to SPPU

Under the new NEP pattern – with discussion of BOS members as per guidelines

6.3.2 Teaching and Learning

- **Expansion of E-content**
- **Development of Departmental Library**
- **Circulation of E-books**
- **Videos on YouTube**

6.3.3 Examination and Evaluation

- **As per SPPU guidelines**
- **Increase of Passing Ratio**
- **Offline exams and Online marks entry.**

6.3.4 Research and Development

- **As per SPPU**
- **Authored Book Chapters**
- **Research Books publication in process**
- **Attendance of Research Conferences/Seminars/Workshops by Faculty**
- **Development of new Department**
- **Development of Departmental Library and Rare book collection**
- **Departmental Art and Artefacts display.**

6.3.5 Library, ICT and physical infrastructure / instrumentation

- **Staff has submitted research articles for online access under Library Staff Development and IRS.**
 - **Use of Library and ICT facilities by Staff members**
- Departmental Library - collection of rare books.**

6.3.6 Human Resource Management

- **Connected with Experts**
- **Connected with students.**

6.3.7 Faculty and Staff recruitment

Appointed new staff member on Adhoc basis - Dr. Jyotiram Deshmukh

6.3.8 Industry Interaction / Collaboration

Deccan College - OJT

6.3.9 Admission of Students

- **Personal Consultation and Career guidance.**

6.11 Activities and support from the Alumni Association

NA

6.12 Activities and support from the Parent – Teacher Association

Help Parents Queries on one to one basis

6.13 Development programmes for support staff

**Connection with Experts –
E-content development and course conduction**

6.14 Initiatives taken by the institution to make the campus eco-friendly

Strict

NO

Pollution

**policy
Campus**

Plastic-free

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

- **Books Authored by Lecturers**
- **Blind Students Audio study material**
- **Strict NO Pollution policy and Plastic-free environment**
- **Recruited Earn and Learn students**
- **Environmental awareness during Heritage Walk**

7.4 Contribution to environmental awareness / protection

- **Encouraged students to keep their areas clean and avoid plastic.**
- **Environmental awareness during Heritage Walk**

7.6 SWOC Analysis of the Department

Strength:

- **All Teachers are PhD**
- **Reference books Authored**
- **Guidance for Competitive Exams**
- **Art Gallery and Artefacts Display**
- **Network with concerned Human Resource**
- **Positive and Stress-free Environment**
- **Personal counselling for students**

Weakness :

- **No peons**
- **No supporting non-teaching staff**
- **No visits of authorities to Department**
- **Involving staff in clerical and non-academic activities**
- **Complicated Admission system**
- **Complicated Administrative system**
- **Multiple examinations**
- **Staff losing time due to the above.**
- **Absence of Ladies Toilet on floor**
- **Irregular cleaning of men's toilet on floor causing odour.**

8. Plans of Department for next year

- **Publish more books and research material**
- **Art Gallery**
- **Department Library**
- **Departmental Museum**
- **Branding of Lecture Series**
- **Round Table Conference**
- **Branding of Cultural Days celebration**
- **Meditation Course**
- **Branding of Heritage Walk**
- **Career guidance for new admissions**

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

The Department of History has always been active in promoting Indian History, heritage and culture and this year the department and its staff members have been actively involved in the same. The department conducted indoor and outdoor activities for the students.

- “Heritage Studies” i.e. knowing our rich, opulent heritage. The knowledge and experience given by our ancestors is used for our life development. The inspiration of tradition ignites us and helps us live a beautiful life on earth.
- A walk to visit a historical heritage site is called a ‘heritage walk’. The walking tour we take to see the beautiful gardens, palaces, monuments, forts, ancient temples etc. is the heritage walk. A heritage walk gives you the feeling of actually going to the place where history happened and learning about that history. Heritage Walks are famous all over the world. It is a journey of maximum joy and excitement.
- This year some heritage walks were organised by the Department of History. A large number of students participated in this and showed their enthusiasm.

Heritage Walks Report :

- First heritage Walk was held on 27 October 2023 at Lakaki Garden Lake. Students experienced meditation in the scenic environment of Lakaki Lake. Dr. Rajesh Kulkarni explained the information about Lakaki Lake to the children and under his guidance the heritage walk was very enjoyable, exciting and lively.
- Second heritage walk was held on January 21, 2024 at Okayama Garden (Friendship Garden). Students had a unique experience in this Japanese style garden. The feedback received from everyone was that they enjoyed nature very much in the heritage walk. This heritage walk was very enjoyable, exciting, and energetic.
- The third Heritage Walk was organised on 16 February 2024 at Pataleshwar Caves and Jangli Maharaj Temple. A large number of students were also present at this place and were eager to learn about their heritage sites. Professor Mansi Bhosale told the history and information of Jungli Maharaj Temple to the students. After that the students meditated in the temple premises under the guidance of Dr. Rajesh Kulkarni. After that, Pataleswar Cave was visited. Introduction of Rashtrakuta period caves by Professor Manasi Bhosale and Dr. Rajesh Kulkarni followed. Also, the architecture, construction style, and many nuances of the temple were discussed with the students.
- The fourth heritage on 24 February 2024 was at Anandashram (Appa Balwant Chowk) and Ram Mandir (Tulshibaug). Professor Manasi Bhosale and Professor Dr. Jyotiram Deshmukh informed the students about the wooden architecture of the temple and the history of the Ram temple. At the same time information about Vedic meditation method Dr. Rajesh Kulkarni gave to the students. Also sitting in the temple, the students enjoyed meditation in a peaceful atmosphere.

Gurukul Lecture series :

- On 23 February 2024, a Gurukul lecture series was organised by the Department of History. As the keynote speaker, Mr. Hemant Mujumdar, General Secretary (Akhil Bhartiya Itihas Sankalan Yojana, Delhi). The topic of his speech was “Hindu Jivan Darshan”. Mr. Mujumdar guided the students through this series of lectures about the concept of Hindu, India and also about Hindu philosophy of life, rites and philosophy. The second speaker of this lecture series is Dr. Rajesh Kulkarni, Head of History Department. He gave lectures on “Oriental Studies and Meditation and Spirituality”. The students understood anew what Orientalism is from this speech. Also, the students got in-depth guidance on what are the benefits of meditation, proper method of meditation and how important meditation is for a healthy life.

Iti Festival Report:

- The Department organised its annual *Iti - The History festival* on the 27th to 29th February, 2024, for the first time held for three days. Aimed to promote and showcase the cultural heritage of India, the event was divided into three segments - Day 1 was Photo with Heritage, in which students were told to visit various Heritage sites across the city and

take photos with them as part of a competition - Photo with Heritage. Day 2 - was dedicated to cultural performances by students in the form of Folk songs, Quiz competition hosted by Prof. Manasi Bhosale, Powada geet from Maharashtra, poems and monologues were recited. Highlighted events were flute recital and performances by the Blind/VH students of the department. On day 3 - there were also exhibitions of Historical artefacts, Poster exhibits, Coins display and the Historical Costumes and Hairstyles display. This was set up by students of the department. The competition - Photo with Heritage - was also part of this same event for judging. Students had to present their photos with the heritage in a creative manner for our judges from the English Department - Prof. Dipali Lodh and Prof. Saad Ahmed Shaikh to judge. The event was graced by the presence of Hon'ble Vice-Principal Dr. Amruta Oke madam and the Head of the Department, Dr. Rajesh Kulkarni along with the colleagues of various other departments who also graced the occasion. The event was coordinated by Dr. Priyanka Joshi.

The staff of the department have actively contributed to the institutional development as well as personal development. To name a few :

Dr. Rajesh Kulkarni :

Awards and Honors

- 1 Bharat Itihas Sankalan Yojana , New Delhi declared Dr. Rajesh Kulkarni as an excellent organiser award .(3 feb 2024)
- 2 Bodhi group , Igatpuri listed Dr. Rajesh Kulkarni's " DHYAN YATRA " book as a rare book .
- 3 Prof. Ram Gaikwad wrote a book on Dr. Rajesh _ " Guru " . Prof Ram Gaikwad also wrote a research paper on the contribution of Dr. Rajesh for an International Conference held at Rayat Sanstha (22 to 24 Dec).

Books and Writings

Dr. Rajesh authored & compiled

- 1 Book of Haikus
- 2 Data Dairy
- 3 Timeless Companions : Coffee table Book
- 4 Quotient Development : Graphical.

Talks/ Resource

- 1 Delivered online guidance on Meditation to Israel , Tel Aviv for A.I. professionals on 29 March 2024.
- 2 Online Spiritual Talk with Netherlands Architects Group on 1 April 2024.
- 3 Mumbai , Malabar Hills talk on Spirituality on 14 April 2024.
- 4 Online lecture organised by Modern College on Traditional knowledge. Scholars from Gorakhpur , Manipur , Delhi , Gohati , Surat participated .

Events

- 1 Heritage walks organised at Pune's Heritage places (Lakaki garden, Anand Ashram, Okiyama , Ram Mandir , Pataleshwar Caves.)
- 2 Guided ETI festival .
- 3 Plantation programs organised at Igatpuri , Lonawala, and Matheran during the monsoons.

Contribute/ Best practices

- 1 Food Serving at various times
- 2 Created audio lectures for blind students
- 3 Donated Means of Employment to seven families.

Dr. Jyotiram Deshmukh:**Special Lecture Delivered:**

- 1) "Ancient Indian Literature" for the MA Part-I, History students of Modern Arts, Science and Commerce College, Shivajinagar Pune. Held at Department of Sanskrit and Kosh Shastra, Deccan College PGRI, (Deemed to be University) Pune, on 18th December 2023.
- 2) "Preservation and Conservation of Historical Sites is the need of the day". Workshop on the National Service Schemes (NSS). Organised by Savitribai Phule Pune University and Fergusson College of Deccan Education Society (Autonomous), Pune. NSS department of Fergusson College (Autonomous), Pune, on 16th February 2024.

Participation in Workshop:

- 3) Participated in the One day Workshop on "Indian Knowledge System". Organised by the MES Senior College, Pune, in association with Savitribai Phule Pune University, Pune, Bharatiya Shikshan Mandal and Bhandarkar Oriental Research Institute Pune, on 21st February 2024.
- 4) Participated in the 1 Credit Add-on Course on "Indian Cultural Heritage Management" (ICHM) organised by Dept. of History & Dept. of Geography of Rajiv Gandhi Govt. PG College, Mandsaur, (M.P.), from 23rd February-5th March 2024.

Dr. Priyanka Joshi:**Completed Course:**

1. Completed one credit course on - 'Heritage Sites : Balancing Tourism and Conservation, from 1st to 7th September, 2023 conducted by the Heritage Foundation, Jalgon.

Book Chapter Published:

1. Published Book Chapter titled "Embracing Vernacular Education: Navigating the Pros and Cons" in Book titled – *The Symphony of Knowledge* published by CIRS. Date and Year of Publication: 31 December 2023, ISBN-13: 979-887417589-4

Prof. Manasi Bhosale :

- Has taken admission in Phd (History) under SPPU.

Student achievement :

Some of our students have been achieved new heights in other fields also such as:

- FYBA History major student, Cdt. Yash Dhumal, selected for RD parade 2024 at Delhi.
- Rare Coin Collection and exhibition by Shrikrishna Sutar (TYBA)
- Abhishek Prasad, Mahesh Vitkar (SYBA) made real models of Ram Mandir (Ayodhya) and Brihadeshwara Temple (Tanjore). All their works had been showcased at the Iti- the History Festival also.
- Neha Vadhe (FYBA) has won the hearts of many through her melodious flute recitals.

The Department is highly proud of its student achievers as they are the shining stars of our department and the future.

- Dr. Rajesh Kulkarni

Head, Dept. of History



PART A

DIQAC Composition and Activities

Department Name: Marathi

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr.Nisha Bhandare	HoD and Chairperson of DIQAC	8806038475	hodmarathi@moderncollegepune.edu.in
2	Dr.Vaijayantimala Jadhav	Member 1	8308839337	jadhavmarathi@moderncollegepune.edu.in
3	Dr.Gajanan Apine	Member2	9823707525	apinemarathi@moderncollegepune.edu.in
4	Prof.Vinod Pawar	Member3	9370647919	pawarmarathi@moderncollegepune.edu.in
5.	Dr.Suresh Raskar	Member4	7588023662	raskarmarathi@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty - 4

Non-Teaching Staff Students

Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department - NIL

Total Nos.	International	National	State	Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- ❖ Department has started implementing the NEP syllabus for First year BA and MA.
- ❖ We have started a certificate course in Radio Jockey this year.
- ❖ We have arranged Lectures of eminent personalities in the Department.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
We have decided to arrange Lecture series and Certificate courses.	We have arranged 3 guest lectures and started a Certificate course in Radio Jockey.

*** Attach the Academic Calendar of the year as Annexure.**

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1			
PG	1			
UG	1			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	1	Radio jockey	1	-
Others				
Total	4			

Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

NIL

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1- Radio Jockey

1.2.1 - Number of new courses introduced across all programmes offered during the year

1

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

FYBA

SYBA

TYBA

MA 1 and 2

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

NIL

1.3.2 Field Projects / Internships undertaken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
Internship	12

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
5	5	-			

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
1	1	-	-	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
1	1	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		1	
Presented papers		1	
Resource Persons		1	

1.Dr.Vaijayantimala Jadhav attended National conference in Kundal and presented paper on Arun koltakaranchi kavita. 4 February 2024

2.Dr.Vaijayantimala Jadhav invited as resources person to Satara.23 apr.2023

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curricula restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member. All the staff members are BoS members of Marathi BoS

2.10 Average percentage of attendance of students 75%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department -

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	
Others	

Dr.Vaijayanti jadhav attended the workshop organized by the MSFDA.

2.14 Details of Administrative and Technical staff

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year NIL

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B / Super Specialty / DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B / Super Specialty / DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr.Nisha BHandare	MA,Mphil, NET/Ph.D	Yes	2018	Tes			

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year	
Name of the Department	No. of Ph. Ds Awarded
Marathi	1

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects - NIL

3.3 Details regarding minor projects- NIL

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	1	1	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

Please provide the information in following format as annexure

Dr.Vaijayanti Jadhav published paper on Arun Koltkaranchi Marathi Kavita in SHIVIM sanshodhan Patrika Peer reviewd research journal

Dr.Vaijayanti Jadhav published paper on **Jagtikikaran aani mahangari kavita** in Peer reviewd Multilingual QuarterlyPeer Review Refreed research Journal special issue feb 2024
ISSN 2320-4494

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations -

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department Nil

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1.	Dr.Vaijayantimala Jadhav	Resource person	Fakira Kadambaricha English Avishkar(23/4/2023)1

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1.	Dr.Nisha Bhandare	SPPU	4	
2.	Dr.Sanskriti Awalagavakr	SPPU	2	
3.	Dr.Mahadev Valunj	SPPU	2	
4.	Dr.Madhavi Kharat	SPPU	3	
5.	Dr.Shobha Ingawale	SPPU	2	

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1.	Ujjawala Dixit	Dr.Madhavi Kharat		
2.	Sulochana Shinde	Dr.Jaya Kadam		
3.	Sarika Thorat	Dr.Shobha Ingawale		
4.	Sushama Jadhav	Dr.Mahadev Valunj		
5.	Rajkumar shelar	Dr.Mahadev Valunj		
6.	Jyotsna Ekbote	Dr.Shobha Ingawale		
7.	Appasaheb Patil	Dr.Madhavi Kharat		
8.	Swati Mahalank			

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other) NIL

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		1		
Presented papers		1		
Resource Persons		1		

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
-Deccan College,Pune	17 July 2023	Workshop, guest lecture, seminar	-
Shivaji Vidyapith Shikashak Sangh	24 april 2024	Workshop, guest lecture, seminar	1 teacher

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
37	9	6	
Major marat hi			

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students -nil

Please provide the list of students, Gender, class, category as annexure

Men	No	%	Women
5.2.1 - Number of outgoing	No	%	students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Tejal Gosavi 91303 06186	MA Marathi	D Y Patil College,Pune	20 thousand per month
Pratiksha Kamlakar Salvi 7083564784	MA Marathi	Lexicon kids Kharadi , Pune	12 thousand per month

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) - NIL

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
1.	Prakashak Tumchya Bhetila	Lecture	state	Rahul Champanerkar , Publisher from Rohan Prakashan delivered lecture

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year					
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	
2023	Dr.Vaijayantimala Jadhav	National conference at Kundal	SHIVIM	1000	
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year					
Title of the professional development programme		Number of teachers who attended		Date and Duration (from – to)	
NEP 2020 Orientation and Sensitisation Programme.		1		13.3.2024 to 26.3.2024	

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

Under the guidance of IQAC, every **department** is promoting **quality** enhancement activities in academics through seminars, workshops, on different subjects.

6.3.2 Teaching and Learning

6.3.3 Examination and Evaluation

6.3.4 Research and Development

Department has its own research center.

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management -

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students –

Admission process is central.

- 6.11 Activities and support from the Alumni Association-NIL
- 6.12 Activities and support from the Parent – Teacher Association
- 6.13 Development programmes for support staff
- 6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

1. Marathi Departments have designed various certificate and skill development courses to bridge the gap between the curriculum and requirements of industry and corporate sectors. This provides extra knowledge to the students.
2. Apart from that, Department organizes various types of events at the Departmental, inter – Departmental, inter – Collegiate, University, State, National and International levels to provide requisite platform to the students.
3. These events are organized in accordance with the vision and mission of the college along with maintenance of harmonization with aims and objectives of the Department.
4. Various types of events such as Invited Talks, Role Play, Quiz, Essay Writing, Elocution, Aptitude Test, Innovative Concept Presentation, Research Paper Presentation etc. are organized.

7.4 Contribution to environmental awareness / protection-

7.6 SWOC Analysis of the Department

Strength:

- i. Dedication of the teachers for the upliftment of the students.
- ii. There is always a friendly and cordial relation between the teachers and students in the department
- iii. We have always sufficient numbers of students in the departments.
- iv. The subject is been always so significant and has good academic values in the present and future prospects of knowledge in academic world.

Weakness: i. Insufficient permanent teaching faculty since the deficit of the College. Now, we have only one permanent Faculty Members.

Lacked of man power is the prime and everlasting problem of the department.

- ii. Parents and guardians of the students are not conscious about the higher education of the students.
- iii. Due to language problem the students are not able to access the 100% knowledge as they expected.
- iv. Most of the students of ours students are coming from so poor family

Opportunities: i. Growing enrolment in the Department.

Threat:

- i. To protect students from negative use of social media.
- ii. To make healthy mindset of the students through education

8. Plans of Department for next year

To encourage faculty to undertake Consultancy Assignments

To devise techniques to enable various improvements in the existing Teaching Learning & Evaluation process and measurement of Learning Outcomes, viz. Question Paper Audit by Students

To encourage Faculty to Participate in Syllabus Framing (at Board of Studies), Setting Question Papers (at University Examinations), Visit Other Institutions as Resource Persons, etc.

Name 1:

Dr.Nisha Bhandare

Name 2 :

Dr.Vaijayantimala Jadhav



Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Dr.Vaijayantimala Jadhav

Dr.Nisha bhandare

समांक :कवाम / / २०२३ /२०२४	प्रमाणित, डॉ. निशा बंधारे समांक : २३ / ०४ / २०२३
प्रति ,	
डॉ. वैजयंता जाधव मॅडम,	
मॉडर्न कॉलेज ऑफ आर्ट सायन्स अँड कॉमर्स शिवाजीनगर, पुणे.	
विषय :-फकिरा कादंबरीचा इंग्रजी आविष्कार राज्यस्तरीय चर्चासत्र प्रमुख पाहुणे म्हणून उपस्थित राहणेबाबत ..	
महोदया ,	
उपरोक्त विषयान्वये आमच्या महाविद्यालयामध्ये फकिरा कादंबरीचा इंग्रजी आविष्कार राज्यस्तरीय चर्चासत्र समारंभाचे आयोजन करण्यात आले आहे . सदर समारंभ शनिवार दिनांक -२३/०४/ २०२३ रोजी सकाळी ९ .३० वाजता कला व वाणिज्य महाविद्यालय , ११७ / अ ,शुक्रवार पेठ , सातारा येथे आयोजन करण्यात आले आहे . आपण या समारंभासाठी तज्ज्ञ मार्गदर्शक म्हणून उपस्थित रहावे व आमच्या विद्यार्थ्यांना मार्गदर्शन करावे .	
सहकार्य असावे ही विनंती	
कळावे ,	आपला विश्वासू , भाषायें, कला व वाणिज्य महाविद्यालय



POWER OF KNOWLEDGE

An International Multilingual Quarterly Peer Review Refereed Research Journal

Editor
Prof. Dr. Sadashiv H. Sarkate

● Mailing Address ●

Prof. Dr. Sadashiv H. Sarkate

Editor : POWER OF KNOWLEDGE

Head of Dept. Marathi

Art's, Sci. & Com. College, Shivajinagar, Gadhi, Tq. Georai Dist. Beed-431 143 (M.S.)

Cell. No. 9420029115 / 7875827115

Email : powerofknowledge3@gmail.com /
shsarkate@gmail.com

अनुक्रमणिका			
अ.क्र.	प्रकरण	संशोधक	पृ.क्र.
1	Health Challenges in India	Dipak D. Shinde	1-4
2	Physico- Chemical Characteristics Of Drinking Water Samples From Benitura Dam, Murum Dist. Dharashiv (M.S.)	Ram S. Bajgire	5-7
3	Exploring Identities and Cultural Negotiations in the Selected Novels of Andrea Levy	Mr.Randive Babu Ankush	8-10
4	Plants used by the tribes of Marathwada region of Maharashtra for the treatment of Gastrointestinal disorders	Ram S. Bajgire	11-16
5	राष्ट्रीय शैक्षणिक धोरण आणि भाषा	प्रा.डॉ.मुतवली मैजोदीन मैजोदीन	17-21
6	एकात्मिक शिक्षण अभ्यासक्रम व त्याची उपयोगिता	प्रा. डॉ. वैशाली शालीग्राम कंकाळे	22-26
7	मराठी गझल शोध आणि बोध	प्रवीण रामकृष्ण मोरे प्रा. डॉ. भास्कर सुकदेव ढोके	27-36
8	अध्ययन स्तर व त्याची उपयोगिता	प्रा.डॉ.वैशाली शालीग्राम कंकाळे	37-42
9	आदिवासी मराठी नाटकातील स्त्री व्यक्तिरेखा	डॉ. विकास बापूराव बहुले	43-52
10	एका नक्षलवाद्याचा जन्म : आदिवासी माणसाची शोकांतिका	डॉ.सुलतान पिरू पवार	53-58
11	जागतिकीकरण आणि महानगरी कविता (निवडक कवींच्या अनुषंगाने)	प्रा. डॉ. वैजयंतीमाला जाधव	59-64
12	संत तुकारामांच्या कवितेतील कृषिजाणिवा	प्रा. डॉ. महेशकुमार पांडुरंग सोनावणे	65-68
13	विनोदाचे तत्त्वज्ञान	आबासाहेब उमाप	69-73
14	यथार्थवाद : स्वरूप और विश्लेषण	गुलशन मुसा पठाण प्रो.डॉ.बाबासाहेब कोकाटे	74-80
15	स्वातंत्र्य पूर्व आणि स्वतंत्र स्त्री नाही साहित्य आढावा	प्रो. वंदना विनायक बढगे	81-85

क्रमांक : कवाम / / २०२३ / २०२४

दिनांक : २३ / ०४ / २०२३

आभारपत्र

प्रति ,

डॉ. वैजयंता जाधव मॅडम,

मॉडर्न कॉलेज ऑफ आर्ट सायन्स अँड कॉमर्स शिवाजीनगर, पुणे.

स . न . वि . वि .

आमच्या महाविद्यालयामध्ये फकिरा कादंबरीचा इंग्रजी आविष्कार राज्यस्तरीय चर्चासत्र समारंभाचे आयोजन करण्यात आले होते. सदर समारंभ शनिवार दिनांक -२३/०४/२०२३ रोजी सकाळी ९.३० वाजता कला व वाणिज्य महाविद्यालय, ११७ / अ, शुक्रवार पेठ, सातारा येथे आयोजन करण्यात आले होते. आपण या समारंभासाठी तज्ज्ञ मार्गदर्शक म्हणून उपस्थित राहिलात व फकिरा कादंबरीबद्दल आपले विचार मांडले त्याबद्दल आभारी आहोत. तुमच्या मार्गदर्शनाचा लाभ सर्वांना होईल. धन्यवाद !!!

आपले सहकार्य असावे ही विनंती .

कळावे ,



आपला विश्वासू ,

प्राचार्य,
कला व वाणिज्य महाविद्यालय,
सातारा.

[illegible]

प्रा. अ. वि. वि. वि.

- ୧) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପରୋକ୍ତ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ, ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।
- ୨) ୨୫ ଲକ୍ଷରୁ ଅଧିକ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ? ଓ ଲକ୍ଷ୍ୟର ଅନୁସାରେ
- ୩) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପକ୍ରମିତ କରାଯିବ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।
- ୪) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପକ୍ରମିତ କରାଯିବ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।
- ୫) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପକ୍ରମିତ କରାଯିବ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।
- ୬) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପକ୍ରମିତ କରାଯିବ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।
- ୭) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପକ୍ରମିତ କରାଯିବ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।
- ୮) ୨୦୧୮-୧୯ରୁ ୨୦୨୦-୨୧ ପର୍ଯ୍ୟନ୍ତ ଉପକ୍ରମିତ କରାଯିବ ଶ୍ରମିକମାନଙ୍କୁ ଉପକ୍ରମିତ କରାଯିବ ଯାହାକି ଉପକ୍ରମିତ ହେବାର ସମ୍ଭାବନା ଅଛି।

Department of Political Science

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Prof. D. L. Khokale	HoD and Chairperson of DIQAC	9822118690	Hodpoliticalsci@moderncollegepune.edu.in
2	Prof. Haridas Jadhav	Member 1	9096325522	jadhavpoliticalsci@moderncollegepune.edu.in
3	Prof. T. A. Inamdar	Member2	7385325080	inamdarpoliticalsci@moderncollegepune.edu.in
4	Prof. Shruti Gujar	Member 3	9028950200	shrutigujar@gmail.com
5	Prof. Trupti Dhumal	Member 4	7378621994	Dhumaltrupti03@gmail.com
6	Prof. Namrata Jahagirdar	Member 5	8999721731	nnjahagirdar@gmail.com

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

a) Conducted Mock G-20 conference under Youth conclave in collaboration with All India Radio Pune.

b) Organised Intercollegiate Mock Parliament Competition

c) Annual Political Science Fest 'Ekatvam' was organised.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

**** Attach the Academic Calendar of the year as Annexure.***

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	1	0	0	0
UG	1	0	0	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	02			
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year - 03

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - 0

1.2.1 - Number of new courses introduced across all programmes offered during the year - 0

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System- 2

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
On Job Training	40
Internship	90

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
6	5	Projector, Laptop	8	8	PPT presentation, MOOCS, Online lectures

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	01	01	0	0	0

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors	Associate Professors	Professors	Others	Total
	R V	R V	R V	R V	R V

2.4 No. of Guest and Visiting faculty and Temporary faculty

01		

Pl. Provide the list of visiting faculty as annexure- 1) Prof. Preshit P.S.

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops			1
Presented papers			1
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty / Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Prof. D. L. Khokale	Chairman	30 May 2023
2	Prof. Haridas Jadhav	Member	30 May 2023
3	Prof. T. A. Inamdar	Member	30 May 2023
4	Prof. Shruti Gujar	Member	30 May 2023
5	Prof. Kalpesh Patkar	Member	30 May 2023

2.10 Average percentage of attendance of students

75%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff				
Technical Staff				

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

Name of the teacher awarded national/ international fellowship/financial support	Name of the Award/Fellowship	Month and Year of Award	Awarding Agency

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

Sr. No	Name of the Staff Member	Book Title	Publisher Name	ISBN Number	Year of publication

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication

3.10 consultancy provided by the Department

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated
<i>Please provide the scan copies of the communication letters, consultancy letters as annexure</i>			

3.11 No. of conferences organized by the Department

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :
3.5 Collaborations
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

No	%

Men

No	%

Women

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Program me completed	Name of the employer with contact details	Pay package at the time of appointment
Trupti Dhumal	M. A.	Modern College of Arts, Science and Commerce	
Sitaram Kedare	B. A.	Government of Maharashtra	
Tejas Magar	B. A.	Government of Maharashtra	
Preshit P. S.	M. A.	Modern College of Arts, Science and Commerce	

On campus

Off Campus

Number of Organizations Visited Number of Students Participated Number of Students Placed Number of Students Placed

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

Registr ation number /Roll number for the exam	Names of students selected/ qualified													Other examinati ons conducted by the State / Central Governme nt Agencies (Specify)
	NET	IIT-JAM	SLET/ SET	JRF	GATE	GMAT	CAT	GRE	JAM	IELTS	TOEFL	Civil Services	State gover nmen t exami natio ns	
MR220 04017	Trupti Dhumal													
619717			Perna Shivangikar											

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

8. Plans of Department for next year

Name 1: Prof. Haridas Jadhav

Name : Prof. D. L. Khokale

Name 2 : Prof. T. A. Inamdar

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

In the dynamic realm of academia, the Department of Political Science has remained steadfast in its commitment to nurturing intellectual curiosity, fostering critical thinking, and promoting civic engagement among its students. Throughout the academic year, the department has orchestrated a diverse array of activities aimed at enriching the academic experience and broadening horizons. From simulating parliamentary debates to convening youth conferences on global governance, from hosting vibrant political science festivals to facilitating insightful field visits, the department has been a hub of intellectual exchange and experiential learning. These activities not only complement the curriculum but also serve as catalysts for personal growth and professional development. In this report, we offer a glimpse into the multifaceted initiatives undertaken by the Department of Political Science, highlighting the transformative impact of these endeavours on the academic journey of our students. As we delve into the details of each activity, we invite you to join us in celebrating the spirit of inquiry, dialogue, and empowerment that defines our vibrant academic community.

MOCK G20 YOUTH CONCLAVE

The vibrant city of Pune witnessed a convergence of youthful energy and intellectual discourse on September 2, 2023, as the Department of Political Science, in collaboration with Akashwani, Pune, orchestrated the much-anticipated G20 Youth Conclave. With the overarching theme of “The Role of Youth in Building a Sustainable World,” the event served as a crucible for impassioned discussions, strategic deliberations, and a celebration of cultural diversity. The highlight of the Conclave was undoubtedly the simulated G20 conference, where students donned the roles of global leaders, engaging in rigorous debates and negotiations on pressing issues that confront our world today. From climate change mitigation to socio-economic development, the participants exhibited commendable insight, creativity, and diplomatic acumen, offering innovative solutions and fostering consensus in the pursuit of a more sustainable future. The Conclave also provided a platform for esteemed guests to share their invaluable perspectives. Vice Principal Dr. Amruta Oke, Head of the Department Prof. Khokale, and Head of the Program of Doordarshan, Mr. Indrajeet Bagal, graced the occasion as special invitees, inspiring the youth with their wisdom and vision for collective action towards global challenges. Moreover, the event seamlessly blended intellectual discourse with cultural enrichment, as the program culminated in a captivating cultural extravaganza. Through music, dance, and artistic expression, participants celebrated the rich tapestry of global cultures, reinforcing the notion that diversity is not merely a source of strength but also a catalyst for unity and understanding. The G20 Youth Conclave stands as a testament to the indomitable spirit and potential of the youth to effect meaningful change in our world. By harnessing their creativity, passion, and commitment to sustainability, the next generation of leaders showcased their readiness to tackle the formidable challenges that lie ahead. As the echoes of the Conclave resonate far beyond its conclusion, it serves as a clarion call for concerted action and collaboration across borders and generations. Together, let us empower our youth, nurture their aspirations, and embark on a collective journey towards a more equitable, prosperous, and sustainable world.

EKATVAM 2024 FEST

An annual fest was arranged by department of Political science in Modern College, Shivajinagar Pune on 20th January 2024. The fest was inaugurated by respected Principal Dr. Rajendra Zunjarrao sir. Students from different departments became a part of the programme. It had variety of events, like cultural fashion show, where students represented the diverse culture of Indian states, mob dance, singing competition, Quiz and Poster competition was also arranged by the students of the department. Audience got chance to enhance their knowledge with enjoyment and entertainment.

MOCK PARLIAMENT

Fostering Civic Engagement: Highlights from the Intercollegiate Mock Parliament Competition at Modern College

On the 7th March 2024, Modern College hosted a dynamic and engaging event: the Intercollegiate Mock Parliament Competition. Drawing participation from 8 teams representing

various colleges, the competition served as a platform for spirited debate, parliamentary proceedings, and invaluable learning experiences. The event commenced with a warm welcome speech, followed by the felicitation of esteemed judges. As the competition unfolded, each team showcased their prowess in parliamentary debates, discussing a plethora of bills and simulating the normal functioning of a legislative house. Midway through the event, participants were treated to a lunch fest courtesy of Modern College, fostering camaraderie and camaraderie among the 350 students, guides, and professors in attendance. The highlight of the event was the enlightening address by Chief Guest Hon'ble. Prof. Mrs. Dr. Jyotsna Ekbote Madam and Principal Dr. Rajendra Zunjarrao Sir, Prof. Shamkant Deshmukh Sir guided students with his vast experience in academics who emphasized the importance of understanding parliamentary processes in a democratic society. They lauded the Mock Parliament event for its role in promoting such awareness among the youth. Following the speeches, the programme continued with the eagerly anticipated prize distribution ceremony. Abeda Inamdar College emerged as the winner, clinching the first position, while Modern College secured a commendable third place. Additionally, awards were presented for the Best Parliamentarian from both the Ruling and Opposing teams, recognizing individual excellence in parliamentary debate. The event concluded on a note of gratitude, as the organizers extended their thanks to the chief guest, judges, and participating teams for their enthusiastic involvement and contribution to the success of the event. The Intercollegiate Mock Parliament Competition at Modern College not only provided a platform for intellectual discourse and competitive spirit but also instilled a deeper understanding of parliamentary processes and civic responsibility among the participants.

FIELD VISIT

On January 13, 2024, the Department of Political Science at orchestrated a transformative field visit to the picturesque Pachgani MRA Centre, nestled amidst the serene landscapes of the Asia Plateau. Accompanied by dedicated faculty members, postgraduate students embarked on an enlightening journey to explore the nuances of administrative training, bridging the gap between theoretical knowledge and practical application. The Pachgani MRA Centre served as an ideal setting for this immersive learning experience, offering a conducive environment for reflection, dialogue, and experiential learning. Against the backdrop of rolling hills and verdant valleys, students delved into the intricacies of administrative processes, gaining invaluable insights into effective governance and leadership. Throughout the visit, students actively engaged with seasoned trainers and practitioners, exchanging ideas, perspectives, and best practices in the realm of public administration. From case studies to interactive workshops, the learning experience was enriched by real-world examples and hands-on activities, empowering students to comprehend the complexities of policy implementation and decision-making. Moreover, the field visit provided a unique opportunity for students to witness the principles of servant leadership and moral governance in action, as espoused by the MRA movement. Through seminars and discussions, students explored the ethical dimensions of public service, cultivating a deeper understanding of their role as future stewards of societal progress and transformation. The significance of the field visit extended beyond academic enrichment, fostering camaraderie, teamwork, and personal growth among the participants. As they navigated through team-building exercises and group discussions, students forged lasting bonds and imbued the spirit of collaboration and mutual support. In conclusion, the field visit to Pachgani MRA Centre epitomized the department's commitment to holistic education and practical learning. By immersing students in real-world settings and experiential opportunities, the visit underscored the importance of bridging theory with practice, equipping students with the skills, knowledge, and values needed to navigate the complexities of the contemporary world. As students return to their academic pursuits, they carry with them a deeper appreciation for the intricacies of administrative training and a renewed sense of purpose in their journey towards becoming conscientious and effective leaders in the field of political science.

FIELD VISIT TO POLICE STATION

In a bid to foster a deeper understanding of civic responsibilities and individual rights, students and professors from the First Year Bachelor of Arts program embarked on an insightful visit to the Shivajinagar Police Station. This excursion was part of the newly introduced Vocational Skill Course (VSC) Practical, centered around Rights & Duties in practice, aligning with the vision of the National Education Policy (NEP) 2020. Under the guidance of seasoned professors, the young learners delved into the heart of civil service to grasp the essence of citizenship in contemporary India. The visit aimed not only to provide theoretical knowledge but also to imbue practical insights into the intricate tapestry of rights and responsibilities that shape our society. Upon arrival, the students were warmly welcomed by the officers at the Shivajinagar Police Station, who generously shared their expertise and experiences. Through interactive sessions and engaging discussions, the attendees gained a firsthand understanding of the role of law enforcement in upholding justice and maintaining order within the community. One of the highlights of the visit was the opportunity for the students to witness the workings of the legal system in action. They observed various procedures, ranging from filing complaints to the arrest process, thereby gaining valuable insights into the practical application of rights and duties in real-life scenarios. Furthermore, the visit served as a platform for meaningful dialogue between the students and the police personnel, fostering mutual respect and understanding. Through open exchanges of ideas and perspectives, both parties gained a deeper appreciation for the challenges and responsibilities inherent in their respective roles as citizens and law enforcers. As the excursion drew to a close, the students departed with a newfound sense of empowerment and civic duty. Armed with knowledge and inspiration, they pledged to uphold the principles of justice, equality, and integrity in their future endeavors, thereby contributing to the greater good of society. In essence, the visit to the Shivajinagar Police Station served as a testament to the transformative power of experiential learning in shaping responsible and conscientious citizens. It exemplified the spirit of the NEP 2020, which seeks to instill a holistic understanding of citizenship education, thereby equipping the youth with the tools they need to become active participants in nation-building. As our society continues to evolve, initiatives such as these play a pivotal role in nurturing a culture of civic engagement and social responsibility. By investing in the education and empowerment of our youth, we pave the way for a brighter and more equitable future for generations to come.

- Prof. D. L. Khokale

Head, Dept. of Political Science

Department of Psychology

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **Psychology**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Amruta S. Oke	HoD and Chairperson of DIQAC	9822450723	hodpsychology@moderncollegepune.edu.in
2	Dr. Vijaya Jagtap	Member 1	9960228414	jagtapppsychology@moderncollegepune.edu.in
3	Dr. Shradha Sakatkar	Member2	9604890461	sakatkarpsychology@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty 04

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department NA
Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

**** Attach the Academic Calendar of the year as Annexure.***

1. On 16th September, 2023 40 students of M.A. II (Clinical & Counseling) visited 'Muktangan Rehabilitation centre'. Purpose of the visit was to know the working of the rehabilitation centre, and the different ways of treatment given to Addiction patients. Students also got knowledge about practical difficulties faced by the institution.

2. On 30th September, 2023, 39 students of FYBA (NEP) visited 'Kaivalyadhama Yoga Institute and Research Center'. Purpose of the visit was to know about the importance of Yoga and the relationship of Yoga and Psychology.

3. On 10th October, 2023 on the occasion of World Mental Health Day, the Psychology Department organized various activities related to mental health awareness. All UG & PG students participated in different activities like display posters and charts related to mental health in college porch, students also organized Street play, Rally in college premises, and other relevant activities

4. Guest lecture series by our alumni. College alumni are working professionals from different work settings. The main objective behind this activity was to help current students to gain knowledge and experiences of those experts. It can be helpful for them to develop essential skills for would-be professionals. It can be also beneficial in terms of placements and internships. Alumni experts can provide opportunity to current students to do internships and can provide placements in their institutions.

Sr, No	Date	Name of alumni	Topic of guest lecture
1	21/10/23	Namrata Parakh	Therapies for children
2	23/10/23	Ketaki Pendse	Dos & Don'ts in practice.
3	27/10/23	Ms. Shilpa Gadre	Preparation for CV, interview.
4	30/10/23	Damini Sapre	Sports Psychology

5. Relationship counselling workshop Workshop was conducted in collaboration with Rotary Club Kothrud. The workshop was called “नाते तुझे नी माझे”. The students of FYBA, SYBA, TYBA and MA-I participated in the workshop on 17th October 2023. President of Rotary Club, Kothrud, Mr. Chitale, Professor Urmila Haldankar, and Mrs. Rashmi Patwardhan worked as a resource persons. Following Topics that were discussed during the session, What is a relationship, the reasons behind relationship breakdown, effects of breakup on relationship, threats of toxic relationship, Sex and sexuality, Tips for forming healthy relationships and how to choose a life partner.

6. Guest Lecture on Children with Special Needs was organized on 6th October 2023 for SYBA & TYBA Psychology special students. For this lecture, educator and counselor Mr. Aniket Rajendra Deshpande was a resource person. He has been working as an Inclusive Educator and counseling psychologist at Dhruv Educational & Research Foundation.

7. Counseling Camp conducted by M.A. II students for the neighborhood community on 20th March 2024. which was open for all. This was the 15th year of the activity. The objective was to give hands on experience for future counselors i.e. MA-II students of the department and to provide help to neighborhood community and college staff and students. Various issues like relationship issues, adjustment problems, academic and career guidance etc were dealt by the students of MA-II, Counseling and Clinical Psychology.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	02			
UG	01			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year 02

–1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System 01

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

NA

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
M.A. II	45

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
11	09		all		PPT, video lectures

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
2.2 No. of permanent faculty with Ph.D.	01	01			

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
10		01		-		-		11	

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	02	04	
Presented papers	02		
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr. Amruta Oke	Chairman, BOS Member	18 th March 2024
2.	Dr. Vijaya Jagtap	BOS Member	18 th March 2024
3.	Ms. Smita Vaidya	BOS Member	18 th March 2024
4.	Dr. Shradha Sakatkar	BOS Member, sub-committee member SPPU	18 th March 2024, 16/01/2024
5.	Mr. Shubham Sherkar	BOS Member	18 th March 2024
6.	Ms. Khushbu Gajabhiye	BOS Member	18 th March 2024
7.	Ms. Uma Desai	BOS Member	18 th March 2024
8.	MS. Rasmi Kadan	BOS Member	18 th March 2024
9.	Ms. Akanksha Brahme	BOS Member	18 th March 2024
10	Ms. Prajakta Jori	BOS Member	18 th March 2024
11	Ms. Tanvi Gadgil	BOS Member	18 th March 2024

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	03
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	02			01
Technical Staff	01			10

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year NA

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/award

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals			
Conference proceedings	02		

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

Sr. No.	Name of the Institution	Type of Collaboration (International / National / Other)	Area / Details
1.	Modern Law college		Counselling
2.	Modern college of Engineering		Counselling

3.14 Details of linkages created during this year

Sr. No.	Name of the Institution	Type of Linkage (International / National / Other)	Area / Details
1	Asmi Project		internship
2.	Dusare Parva		Internship
3.	Anjali Morris trust		Internship
4.	Nityanand Rehabilitation centre		Internship

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Total	International	National	State	University
Sr. No.	Name of the Staff Member	Name of the Award	Given by	International/ National/ State/ University/ Other
1.	Ms. Rashmi Kadam	Won 3rd prize for paper presentation at the national level conference - Innovations in mental health held at Saint Mira's College Pune.		

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)(JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	02	03	03	
Presented papers	02			
Resource Persons				

Sr. No	Name of the faculty	Seminar	Nature of participation
1	Dr. Amruta Oke	IKS	Attended
2	Dr. Vijaya Jagtap	IKS	Attended
2	Ms. Uma Desai	IKS	Attended
4.	Ms. Rashmi Kadam	national level conference - Innovations in mental health held at Saint Mira's College Pune.	Presented Poster
5.	Ms. Prajakta Jori	national level conference - Innovations in mental health held at Saint Mira's College Pune.	Attended
6.	Ms. Smita Vaidya	International conference on New Dimensions and Innovations in Social Sciences	Presented paper on 'Impact of wellness program on self-efficacy, Psychological wellbeing and adjustment of migrated students'
7.	Mr, Shubham sherekar	International conference on New Dimensions and Innovations in Social Sciences	

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	08	-	5	-	-	1	1	100mbps	
Added									
Total	08	-	5						

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

Mentor Mentee committee was working efficiently

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
118	85		

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

Men	No	%
Women	No	%
	02	

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
1. Ms. Swarali Dhapre	M.A	SNDT, Pune	25000 per month
2. Mr. Ganesh Pawar	M.A,	H.V. Desai College	25000 per month
3. Preksha Porwal	M.A.	International School	30000 per month
4. Shruti Neve	M.A.	MTDC	35000 per month
<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
			30

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) 02

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

Regis tratio n numb er/Ro ll numb er for the exam	Names of students selected/ qualified													
	N E T	I I T - J A M	S L E T / S E T	J R F	G A T E	G M A T	C A T	G R E	J A M	I E L T S	T O E F L	C i v i l S e r v i c e s	Stat e gove rnm ent exa min atio ns	Other examina tions conduct ed by the State / Central Govern ment Agencies (Specify)
	0 2		02		01									

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
'Muktangan Rehabilitation centre' : Study Visit	16th September, 2023	40 students of M.A. II (Clinical & Counseling)	
'Kaivalyadhama Yoga Institute and Research Center' : Study Visit	30th September, 2023	39 students of FYBA (NEP)	
World Mental Health Day :Activities related to mental health awareness	10th October, 2023	Students of UG & PG	
Guest lecture series by Alumni from different Professions	21/10/2023 to 30/10/2023	Students of PG	
Relationship counselling workshop : “नाते तुझे नी माझे”	17th October 2023	Students of UG & PG	
Guest Lecture on Children with Special Needs	6th October 2023	for SY BA & TY BA	
Counseling Camp conducted by M.A. II students for the neighborhood community	20th March 2024	students of MA-II, Counseling and Clinical Psychology	

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
1.	Avishkar		University level	

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
FDP on Pradnya parisar by MFDA	02	19- to 21st December 2023

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

Conducted Guest lectures

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

Strength:

- Competent, dynamic and approachable faculty members,
- Updated syllabus for U.G and P.G.
- Internet-enabled department,
- Ample co- curricular activities with emphasis on practical skills and applications
- Developed strong alumni association.
- Placement ratio is good.
- More applications received for P.G. program than the intake capacity So Intake capacity is fully utilized.
- At U.G. level, admissions are given on the basis of merit and for P.G entrance exam is conducted.
- Passing percentage is more than 90%.
- Well-appreciated activities of the Department are Counseling camp for neighborhood community , Celebration of Mental health day
- Participation in ‘Avishkar Competition’ every year

Weaknesses:

- Inadequate space for conducting activities,
- Lack of permanent non -grant faculty for U.G & P.G ,
- Documentation needs to be improved.
- Less no.of seminars and conferences were organized.

Opportunities

- Faculty get the opportunity to actively participation in syllabus revision of different colleges
- Due to autonomy, all faculty members are involved in syllabus revision of F.Y & S.Y.B.A. and M.A Part I & II.
- facilities like licensed copy of SPSS-23; Internet; Digital library,
- Staff encouraged to participate and present papers in seminars and work-shops.
- Staff members got opportunity to develop E- content for ‘Swayam’

Challenges

- Students having average marks
- students from diverse backgrounds
- students from lower socio-economic background, etc.
- Facing NEP
- student -teacher ratio is imbalanced.

8. Plans of Department for next year

Future Plans of the department:

- Diploma Course in Sports Psychology
- PET/ NET/SET Guidance centre
- Add on courses for skill development
- Counseling course for teachers

Name 1: Dr. Vijaya Jagtap

Name :: Dr Amruta Oke

Name 2 :Dr. Shradha Sakatkar

Name and Signature of the Members, DIQAC

Signature of the Chairperson,DIQAC

Field Visits -

Title: Report on Field Visit to Kaivalyadhama Yoga Institute and Research Center.

Date: 30th September, 2023 at 08:00 am to 07.30pm

Mode: Offline

Description: 39 students of FYBA (NEP) visited 'Kaivalyadhama Yoga Institute and Research Center'. Dr. Vijaya Jagtap, Ms. Prajakta Jori, Ms. Tanvi Gadgil accompanied students for this visit. Purpose of the visit was to know about the importance of Yoga and the relationship of Yoga and Psychology. The Kaivalyadhama Health and Yoga Research Center, founded by Swami Kuvalayananda in 1924, is a spiritual, therapeutic, and research center with a specific aim to coordinate ancient yogic arts and tradition with modern science; he founded the journal Yoga Mimamsa at the same time. A lecture on Indian Philosophy was arranged for the students. It was in accordance with the Indian Knowledge Systems Course under their syllabus. Students learned about the connection of Yoga and Psychology, also about the ancient Indian Knowledge Systems and Philosophical Schools. A short documentary of the institute, showcasing the experiments conducted there was shown. The kind of research that goes on in the institute was also shown. After lunch the students visited Karla caves. The Karla Caves are a complex of ancient Buddhist Indian rock-cut caves at Karli near Lonavala, Maharashtra. Reached Karla caves at 3pm. Students saw the architecture and scriptures on the caves, and understood the importance of Buddhist Stupa. The visit was again in accordance with the Indian Knowledge Systems Course under their syllabus. Dr. Amruta Oke took initiative for organizing this visit.

Title : Report on Field Visit to Mukhtangan Rehabilitation Centre

Date: 16th September, 2023 at 09.30 am to 1.30 pm **Mode:** Offline

Description: 40 students of M.A. II (Clinical & Counseling) visited 'Mukhtangan Rehabilitation Centre'. Dr. Shradha Sakatkar and Mr. Shubham Sherekar and Ms. Akanksha Brahme accompanied students for this visit. Purpose of the visit was to know the working of the rehabilitation centre, and the different ways of treatment given to Addiction patients. Students also got knowledge about practical difficulties faced by the institution. Students were informed about skills required for working in a rehabilitation centre. Dr. Shradha Sakatkar took the initiative for organising this visit. Mr. Manvendra Jogdev (alumni of this department) is working in the institute. He helped in organising this study visit.

Title : Report on World Mental Health Day

Date: 10th October, 2023

Time: 11.00 a.m.

Description: The Psychology Department organised various activities related to mental health awareness, on account of world mental health day.

All UG & PG students participated in the following activities.

Nature of activities-

- Display posters, charts at the college porch .
 - Street play.
 - Rally in college premises.
- Students conducted various activities at venues like the College Porch, Assembly Hall and Psychology dept.
- **Outcome of this activity** - Spreading awareness in society about mental health and related issues.

Title : Report on guest lecture series by our alumni.

Beneficiaries: M.A. Part – II Psychology students

- **Purpose of activity** – College alumni are working professionals from different work settings. The main objective behind this activity was to help current students to gain knowledge and experiences of those experts. It can be helpful for them to develop essential skills for would-be professionals. It can also be beneficial in terms of placements and internships. Alumni experts can provide opportunities to current students to do internships and can provide placements in their institutions.

Description:

1. **Namrata Parakh-** She is working as a counselling psychologist and has experience in the area of child psychology. She delivered a lecture with different types of activities and interactions with MA-II students.

Date -21/10/20223,Time -2.00-4.00

Topic - Therapies for children

2. **Ketaki Pendse** – She is working as a counselling psychologist. More than 900 cases handled by her in practice. She discussed various cases and gave information about challenges, precautions and do's and don'ts in practice.

Date -23/10/20223,Time -2.00-4.00

Topic - Dos & Don'ts in practice.

3. **Shilpa Gadre**- She is working as a psychologist. She has handled cases in virtual mode as well as in hospital settings . She shared her expertise in grooming for facing interviews and how to prepare CV and Resume.

Date -27/10/20223, Time -12.00-2.00

Topic - Preparation for CV, interview.

4. **Damini Sapre** – She is working as senior sports psychologist in Samiksha sports counselling centre/academy. She explained the role of a sports counsellor. She also mentioned scope and opportunities in sports psychology.

Date -30/10/20223,Time -2.00-4.00

Topic – Sports Psychology.

Outcomes of this activity:

- Current students got a chance to interact with alumni from the psychology department who are working in different settings with specific expertise.
- Students gained knowledge about the current scenario of the profession.
- Possible to connect theory with practical applications.

Title: Parent Teacher Meeting

Day & Date: 23rd September 2023

Mode: Offline

Description : The Department of Psychology, Modern College of Arts ,Science and Commerce, Pune-05 witnessed a great deal of enthusiasm and energy since the beginning of the FYBA (NEP). The department organised various activities for these students. One such activity was organising parent teacher meetings, where most of the parents participated enthusiastically.

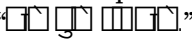
The parent teacher meeting was organised on 23rd September 2023. The session included the introduction of the Staff of Psychology Department, discussion about National Education Policy and various activities conducted by the department.

Dr. Amruta Oke ma'am started with addressing the parents which was followed by an introduction about all the teachers. The parents were informed with the notice of Field Trip to Kaivalyadham Foundation which was held on 30/09/2023. The parents displayed encouraging interest as well. The parent teacher meeting concluded with a Question-Answer Session.

Title : Report on Relationship Counselling Workshop

Date: 17th October 2023, 09.30 am

Mode: Offline

Description: On 17th October 2023, a session on Relationship Counselling Workshop was conducted in collaboration with Rotary Club Kothrud. The workshop was called “”. The students of FYBA, SYBA, TYBA and MA-I participated in the workshop. For this workshop, following dignitaries were present: President of Rotary Club, Kothrud, Mr. Chitale, Professor Urmila Haldankar, Mrs. Rashmi Patwardhan. The program began with the activity conducted by Rashmi ma'am. She talked about the introduction to different types of relationships. Topics that were discussed during the session were as follows: What is a relationship, the reasons behind relationship breakdown, effects of breakup on relationship, threats of toxic relationship, sex and sexuality, Tips for forming healthy relationships and how to choose a life partner.

Title : Report : Workshop on Suicide prevention

Date: 9th September 2023, 09.30 am to 4.30pm

Mode: Offline

Description: Maharashtra Institute of Mental Health (MIMH) organized one day workshop on suicide prevention for students and professionals. Six students from M.A. II psychology and two faculty members Ms. Smita Vaidya and Dr. Shradha Sakatkar, attended this workshop.

During this workshop participants got to know about myths about suicide. Activities and discussion about different reasons of suicide in different age groups. Participants also informed about physiological, social and psychological aspects of suicide. Activities and researches about different modes of preventions were discussed. They also provided information about different helpline and their contact numbers were shared.

INTERNSHIP REPORT

Title: TYBA Internship report

Day & Date: Semester 5 - June 23 to October 23

MODE: Offline

Description: The Department of Psychology, Modern College of Arts, Science and Commerce, Pune-05 always encourages students to get hands-on training. We always attempt to provide students opportunities to learn things other than bookish knowledge. As a part of a 50 marks project (15 hours), we encourage our students to get involved at various Mental Health institutions and set-ups where they can contribute to the society in various ways. The guest lectures are organised to create opportunities for our students to hear directly from professionals.

Our students started an internship in July 2023. On the behalf of the department we provided them guidance. Dr. Amruta Oke and Asst. Prof. Tanvi Gadgil helped students by suggesting various contacts. We were approached by various institutions. One of them was the Asmi Foundation. Asmi Foundation took training of our students and trained them to take full learning sessions for school children. Students were involved in various activities, creating and designing sessions. Students enjoyed as well as learned skills that are required to deal with children. Our students felt much more motivated post all the sessions. They have planned to continue their internship with Asmi for next semester as well. As a department coordinator Asst. Prof. Tanvi Gadgil coordinated between Asmi foundation authorities and students. As per their request we conducted student meetings to train them on behalf of the college.

Other students participated in various internships at various industrial, counselling and clinical organisations. It included following institutions - All about Psychology, Deccan Autism Center, Manodnya Center, Top Trave, Mind management institution, Poona Hospital, Anugraha Foundation, Jagruti Rehabilitation Center, Chellaram Hospital, Mind matters, Grow to Fly Prasanna autism Center, Rising India Research foundation - Centre for psycho oncology, , Manasparsh clinic, Ankur Vidya mandir, IRDI Studio, Science of well-being.

We encouraged students to be regular and hard-working at internships. Overall, students were satisfied by the experience.

Title : Intercollegiate Quiz Competition

Date : 04/10/2023

Venue : C.V. Raman Hall, Dr. D.Y. Patil ACS College, Pimpri, Pune - 18

Description: The Department of Psychology, Dr. D.Y. Patil Arts, Commerce and Science College Pune-18 had organised an intercollegiate quiz competition for psychology students on 4th October 2023. The quiz was specific to the subject of psychology. Students pursuing specialisation in psychology from SYBA, TYBA, MA part I and MA part II were eligible. Each team consisted of 4 members. There was no limit on the number of teams per institute.

The following students of Modern College Shivajinagar participated in the event:

1. TYBA – Arisha Ansari, Aryaa Gupte, Nupur Joshi, Sanskruti Khedkar
2. TYBA – Aditya Harge, Ayushi Birla, Shrutika Dangmali, Snehal Muluk
3. MA I – Vanshita, Saniya, Tanishka, Muskaan
4. MA II – Komal Pataskar, Siddhi Kadam, Nishant Paul, Nilakshi Raul

The quiz competition took place in two stages. The preliminary round consisted of multiple choice questions. In the final round, 6 teams were selected on the basis of their scores in the earlier round. 3 teams of Modern College Shivajinagar qualified for the final round. The final round comprised multiple choice questions, true and false questions, specific answer questions, audio-video format questions, etc.

The first place was won by MA part II students of Modern College Shivajinagar. The 3rd place was won by MA part I students of Modern College Shivajinagar. The winners received trophies and certificates. All the participants were provided with refreshments. The students of Modern College Shivajinagar enjoyed and were satisfied with the event. Overall it was a good learning experience.

GUEST LECTURE REPORT

Title: Guest Lecture on Children with Special Needs

Day & Date: 6th October 2023 **Mode:** Offline

Description : The Department of Psychology, Modern College of Arts, Science and Commerce, Pune-05 always attempts to provide students opportunities to learn things other than bookish knowledge. The guest lectures are organised to create opportunities for our students to hear directly from professionals.

We organised a guest lecture on Children with Special needs on 6th October 2023 on the campus for SYBA & TYBA Psychology special students. For this lecture, we invited an inclusive educator and counsellor Mr. Aniket Rajendra Deshpande. He has been working as an Inclusive Educator and counselling psychologist at Dhruv Educational & Research Foundation. We invited SYBA & TYBA Psychology students for this lecture as this was useful for special students for their future.

Post Felicitation by Dr. Amruta Oke madam and introduction done by Asst. prof. Tanvi Gadgil, the lecture began. With visual aid of presentation the lecturer covered the following topics - the meaning and proper use of the term 'Children with Special Needs', Difficulty versus Disability, Learning disabilities, ADHD and ASD, Information about Rajpatra, Inclusive Education, and career opportunities for students.

After the lecture, a question answer session was conducted where students asked about how and where they can get training to become an Inclusive Educator. At the end, students took an initiative to express gratitude. Students were satisfied with the experience.

Staff Achievements

Dr. Amruta S. Oke:

1. Attended 3 workshop on IKS conducted by - Bhandarkar institute, MIT college and TMV
2. Completed 1 year diploma in Indology from Tilak Maharashtra Vidyapeeth, Pune
3. Published 3 articles in Lokmat Pune
4. Published a chapter in a Book
5. Guided a PG student for Avishkar State-Level Competition

Dr. Vijaya Jagtap:

1. Attended a workshop on IKS conducted by Bhandarkar institute (21-2-2024)
2. Organized Field visit to Kaivalyadham for FYBA (NEP) students
3. Organised a session 17th October 2023 on Relationship Counselling Workshop was conducted in collaboration with Rotary Club Kothrud. The workshop was called "Relationship Counselling Workshop" in collaboration with Rotary Club Kothrud.
4. Conducted various activities for FYBA NEP students including presentation.

Dr. Shradha Sakatkar:

1. Worked as a SPPU BOS sub-committee member for syllabus framing.
2. Invited as a resource person for Soft skills workshops on Emotional Intelligence and study skills.
3. Conducted a Counselling Camp by students of MA-II (Counselling & Clinical)

Ms. Rashmi Kadam:

1. Won 3rd prize for paper presentation at the national level conference - Innovations in mental health held at Saint Mira's College Pune.
2. Coached the college volleyball girls team to win intercollegiate matches.

Ms. Uma Desai:

1. Qualified Graduate Aptitude Test in Engineering (GATE) for Psychology.
2. Attended a workshop on IKS conducted by Bhandarkar institute (21-2-2024)
3. Organised a Relationship Counseling workshop in collaboration with Rotary Club, Kothrud on 17th October 2023
4. Conducted various activities for FYBA NEP students including presentation, library visits, reference writing in APA format.

Ms. Tanvi Gadgil:

1. SWAYAM - "Understanding Psychological Disorders" - 7 lectures recording on Eating & Sleep-wake disorders.

- Dr. Amruta S. Oke
Head, Dept. of Psychology

Department of Animation

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name:

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Anjali Sardesai	HoD , VP Academics , Chairperson of DIQAC	9325382444	hodanimation@moderncollegepune.edu.in
2	Sameer Nerlekar	Assistant professor	9921052166	nerlekaranimation@moderncollegepune.edu.in
3	Hari Pagire	Assistant professor	9890505623	pagireanimation@moderncollegepune.edu.in
4	Anuja Vitthal Gaikwad	Assistant professor	8600442562	gaikwadanimation@moderncollegepune.edu.in
5	Shraddha Patil	Assistant professor	9767099744	patilanimation@moderncollegepune.edu.in
6	Dishant Mistry	Assistant professor	7057843370	mistryanimation@moderncollegepune.in
7	Atharva Chavan	Assistant professor	7823045088	chavananimation@moderncollegepune.edu.in
8	Suraj Waghchaure	Assistant professor	9765444706	waghchauresuraj28@gmail.com
9	Sai Dumbre	Assistant professor	8983368414	dumbreanimation@moderncollegepune.edu.in
10	Shivraj Dumbre	Assistant professor	7083831125	dumbresanimation@moderncollegepune.edu.in
11	Gaurav Nalavde	Lab Attendant	9527272273	
12	Nilesh Joshi	Lab Attendant		

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes : Two seminars were organized for the students during focal point festival on

Film Production and Media photography

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Focal Point Exhibition

The department of animation continued its annual festival Focal Point, which celebrates expression through the visual medium such as photography, cinematography and shadowplay. Two seminars were organized for the students during the focal point festival on Film Production and Media photography. Hrishikesh Tapshalkar who works as a press photographer, delivered a lecture on Photography for media. Pushkar Tamboli, who is a filmmaker, shared his experiences from film production.

2. AURA exhibition

Aura is the flagship event of the Department of Animation to showcase the talent and creativity of the Animation students.

The annual Aura exhibition was held on 2nd February, 2024. Aura is a creative exhibition hosted by the animation department students to display their creativity through paintings, models and photos. This year, the theme of AURA as decided by the students was 'Comics'. It featured artworks of classic Indian comics like Malgudi Days, Chacha Chaudhary, Chintu, Shaktiman etc. The students created models of Avengers weaponry, architectural models, Cut outs of Pu La Deshpande, Chacha Chaudhary. They created different selfie points with themes of Comics which received a good response from the viewers.

3. Digital Language Library

The Department of Animation undertook the creation of the Digital Language Library. The Digital Language Library enables every computer on the college to have access to multiple sources that allow students to work on their language and communication skills. The DLL provides those students who face issues regarding a language barrier work on themselves by using any computer facilitated by the College.

4. Alumni Meet

The Department commemorated the completion of 10 years since its inception in 2014. On the occasion Alumni students were invited for a grand meet to celebrate the meet. Alumni students from several batches as well as some teachers from the past graced the occasion. The teachers and students both shared their experiences over the years.

5. Clay Modelling

As the annual ritual of the department of Animation, the one day clay modelling workshop was conducted at the Assembly hall. Students from both Bvoc and Bsc streams took part in the event enthusiastically and contributed to some really good models.

6. Habit Building workshop :

A workshop on Building good habits was conducted on 20th December 2023 at the Lata Mangeshkar Assembly Hall, New building. The workshop was conducted by Prof. Shishir Buddhisagar Sir. It was about helping the students navigate life's challenges on their path to success and happiness.

7. Creative talk :

A friendly interaction session was conducted with Industry expert Vivek Karmarkar. Vivek works as a VFX artist at VETA FX which is an international VFX and Animation company. The students had a lot of questions which he answered sincerely from career paths to on field experience.

8. AR VR Workshop :

A workshop on AR VR development was conducted by the Institute of Futuristic technologies. A free demo session for all, was followed by a 4 Day Practical Workshop on creation of VR based Game and AR based application. Many students took part in the event enthusiastically as AR and VR could prove to be the future of media technology.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

*** Attach the Academic Calendar of the year as Annexure.**

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	1			
UG	2			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	3			
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year 3

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
11	11	Projectors, Graphic Tablet, Light boards.	4	5	Youtube Videos, Self made PPTs, Online notes.

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professor s	Others
	11	11			

2.2 No. of permanent faculty with Ph.D. 1

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	1								1	

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		1. Prof Sameer Nerlekar attended IKS Workshop At MES College, Pune 2. Anuja Gaikwad attended IKS Workshop on vedic Maths at AURO University.	1. Shraddha Patil and Sai Dumbre attended Research IPR and Patent Filing At Modern College, Shivaji nagar, Pune.
Presented papers			
Resource Persons			1. Prof Sameer Nerlekar worked as resource person for 3D paper modeling workshop at Naralkar Institute, Pune on 16th December 2023 2)Prof Sameer Nerlekar Worked as resource person for 3D paper modeling workshop at Times and Trends Academy (TTA), Pune on 30th September 2023.

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Teaching animation subjects is made more engaging and effective through a variety of innovative methods. Here are several strategies that are adopted by Department of Animation :

1. Project-Based Learning (PBL) :

- Students work on real-world animation projects, fostering hands-on experience and practical skills.
- Encouraging students to work with local businesses or nonprofits to create animations, giving students real client experience.

2. Gamification :

- Incorporating game-like elements such as points, badges, and leaderboards to motivate and engage students.
- Use of animation software that includes gamified learning modules.

3. Virtual Reality (VR) and Augmented Reality (AR):

- Utilizing VR and AR to immerse students in 3D animation environments, providing a more interactive learning experience.

4. Guest Lectures and Workshops :

- Inviting industry professionals for guest lectures and workshops to provide insights into current trends and techniques.

5. Industrial Mentorship:

- Pairing the students with mentors from the animation industry for guidance, feedback, and career advice.
- Establishing alumni networks to facilitate connections and mentorship opportunities.

6. Blended Learning:

- Combining online digital media with traditional classroom methods, allowing for a more flexible and personalized learning experience.
- Use of a variety of content delivery methods such as videos, podcasts, and interactive modules.

7. Cultural and Historical Context:

- Incorporating lessons on the history of animation and its cultural impacts to provide students with a broader perspective.
- Analyzing classic and contemporary animations to understand different styles and techniques.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr. Anjali Sardesai	BoS Chairperson	
2	Sameer Nerlekar	Member	
3	Hari Pagire	Member	
4	Anuja Vitthal Gaikwad	Member	
5	Shraddha Patil	Member	
6	Dishant Mistry	Member	
7	Atharva Chavan	Member	
8	Suraj Waghchaure	Member	
9	Sai Dumbre	Member	
10	Shivraj Dumbre	Member	

2.10 Average percentage of attendance of students

Class	FY	SY	TY
Bsc Animation	88	78	73
Bvoc Animator	80	74	76
Msc Animation	80	74	-

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

DIQAC plays a crucial role in contributing to, monitoring, and evaluating the teaching and learning processes within our department. Under Contribution to Teaching and learning process DIQAC has assisted us in Aligning our curriculum according to the new education policy (NEP 2020) and get the best outcome for the future of the students learning here. DIQAC conducting regular assessments has enabled us to better our teaching methods and receive constructive feedback. DIQAC has served as a proactive body that ensures continuous improvement in the quality of education by contributing to policy formulation, monitoring adherence to standards,

and evaluating outcomes. Its role is essential in maintaining and enhancing the educational standards of our department.

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1 Gaurav Nalawade			1 Nilesh Joshi
Technical Staff				

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution ?/If not,when did he/she leave the institution ?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. Anjali Sardesai	M.C.S , Ph.D, NET,SET	Yes	2020	yes			

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	6 Months	P.E.S. Modern College of Engineering Shivajinagar Pune-05	1,50,000	1,50,000
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

Sr. No	Name of the Staff Member	Book Title	Publisher Name	ISBN Number	Year of publication
1.	Dr. Anjali Sardesai	1. Modern Operating System,, Single Author	Vision Publications	978-93-94022-65-2	2024
2.	Dr. Anjali Sardesai	2. Design and Analysis of Algorithms, Single Author	Vision Publications	978-93-94022-83-6	2024
3.	Dr. Anjali Sardesai	3. Compiler Construction, Single Author	Vision Publications	978-93-90646-73-9	2024
4.	Dr. Anjali Sardesai	4. Operating Systems– II,, Single Author	Vision Publications	978-93-90646-81-4	2024
5.	Sameer Nerlekar	Pebbles	Abhiruchi Publications	978-81-957783-1-7	2024

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/ Certificates as annexure

3.13 Details of collaborations

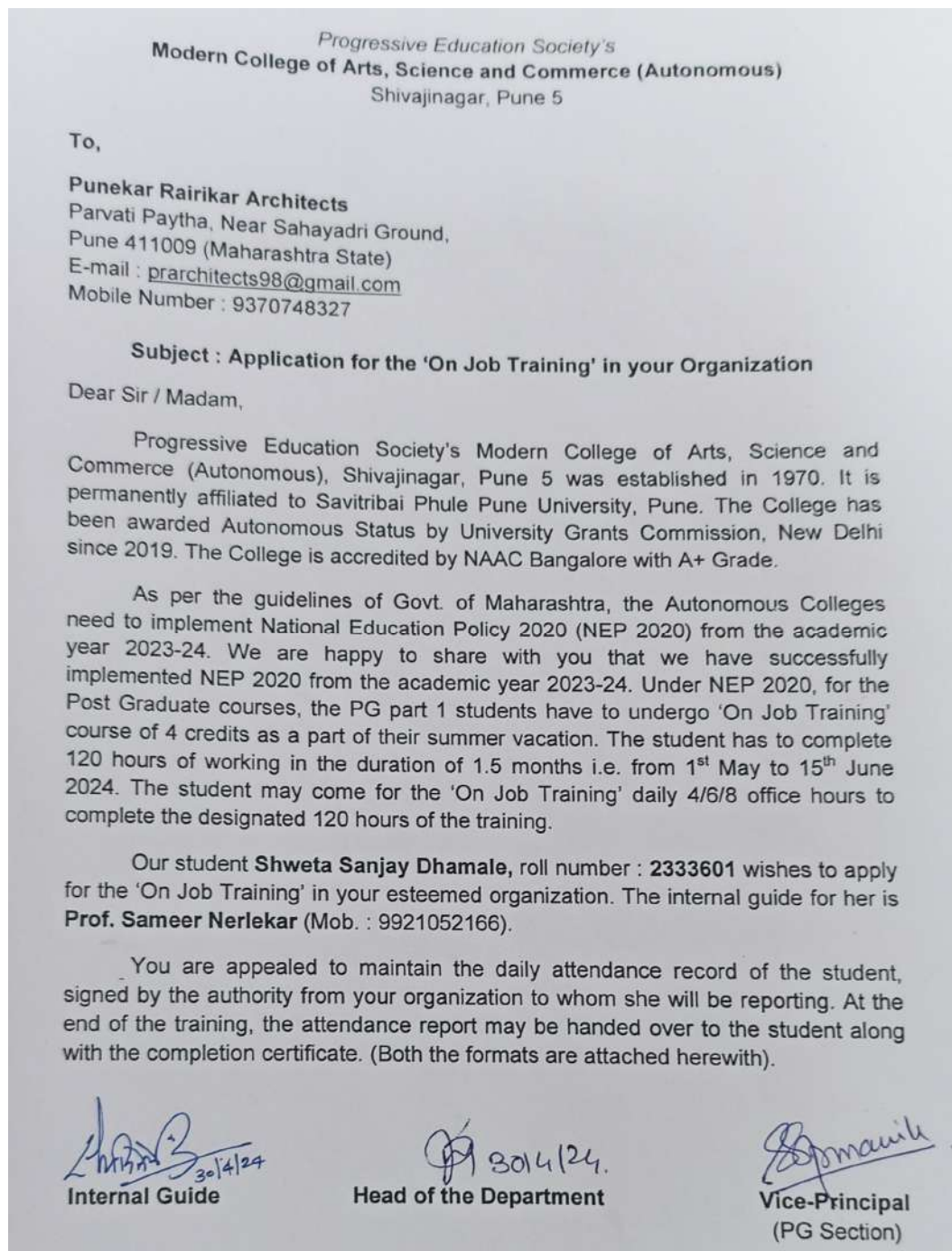
Sr. No.	Name of the Institution	Type of Collaboration (International / National / Other)	Area / Details
1. 4s	Sharkfinn Studio	Other	Navi peth , Pune 411030
2.	Padhega Bharat	Other	Sarasbaug, Tilak Road, Pune.
3.	Kohinoor technical Institute	Other	Deccan, Pune

MOU Dept of Animation

3.14 Details of linkages created during this year

Sr. No.	Name of the Institution	Type of Linkage (International / National / Other)	Area / Details
1.	Punekar & Rairikar architects	Other	Parvati Paytha, Near sahyadri ground, Pune 411039
2	Akin VIsion	Other	Navi Peth, Tilak road, Pune
3	Institute of Futuristic Technologies	Other	Goregaon East, Mumbai
4	Sharkfinn Studio	Other	Navi peth , Pune 411030

Please provide the scan copies of the related letters as annexure



3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Punekar & Rairikar architects	30/4/24	Provide On Job Training	1. Shweta Dhamale

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	25	2	All pcs					50mbps	
Added	25								
Total	50	2	All pcs					50mbps	

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

Men

No	%
No	%

Women

5.2.1 - Number of outgoing students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Habit Building Workshop	2024	50	Prof. Shishir Buddhisagar Sir
AR VR Workshop	2024	16	IOFT
Creative Talk	2024	30	Vivek Karmalkar
Clay Modelling	2023	80	

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./National/ State/ Univ./ Other)	Details
1.	AURA	Exhibition	University	Aura, a one day exhibition on the theme of Harry Potter.
2.	Focal Point	Exhibition	University	Photography competition and exhibition
3.	Sketchers	Exhibition	College	A weekly drawing initiative by students.

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

1. Regular Competitions like Comic making , Paper Modelling , Scribbling and Doodling Illustration are held to motivate the students.
2. Artwork of the week and models are displayed in the gallery to encourage the students' creativity.
3. Regular assignment evaluation and feedback provided to the students to increase their practical experience.
4. Consistent and thorough communication with the students.

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

1. Strengths
 - a. Dedicated, motivated and united staff members
 - b. Staff members with expertise in relative fields
 - c. Well competent staff members
 - d. Well equipped Department & Studio
 - e. E-content development cell
2. Weaknesses
 - a. Animation is a Interdisciplinary field viz. fine arts, science, computer science, etc. BSc (Animation) being a degree under Science faculty, limits the areas where the students can approach
 - b. It's difficult to get the adequate staff members from Animation field.
 - c. The staff members approvals can not be made due to lack of relevant PG degree and lack of availability of SET/NET exam in Animation
3. Opportunities
 - a. To develop state of the art facilities for animation
 - b. To introduce new interdisciplinary courses
 - c. To strengthen industry-academia association
 - d. Enhancement in the existing syllabus to meet the international standard
 - e. To change the structure of the course from theory oriented to practical oriented

4. Challenges

- a. Updating to cutting edge technologies in animation
- b. To get the approved staff members in the Animation field
- c. To get the subject specific expert staff members w.r.t. animation field

8. Plans of Department for next year

The Department of animation plans to implement the new updates in the NEP policies next academic year, the department will work efficiently to align the programmes with the new guidelines and make them more efficient, effective and value-rich. With a wider and better infrastructure, the department will make sure it fuels the students with more knowledge and skills. The department shall develop the courses to be more output and research oriented. The placement committee aims to bring more organizations on board for job opportunities and orientation programmes. The department will nurture its two festivals i.e. Aura and Focal Point as well as make sure many more workshops and seminars are conducted.

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

In the academic year 2023-24, the Department of Animation completed 10 years since its establishment in the year 2013-14 at PES's Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5. Since its inception, the Department has achieved many significant milestones, started new courses under its wing and has contributed notably to the Animation industry.

In the last year, the industry and the world has witnessed a remarkable change since the introduction of AI technology. AI has been a game changer with its revolutionary technology influencing all trends and techniques. With the increasing use of digital media, the demand for all sorts of animation techniques and technology is also increasing majorly. Realising this need, the Department of Animation, Modern College, Pune-05 is engaged in moulding tomorrow's information and communication technologists and animators today. The current era is the era of technology which influences fields like education, teaching and learning. Use of technology in teaching pedagogy, online teaching, e-learning process, e-content development are the key areas which are promoted by Govt. of India through MHRD's MOOC and SWAYAM courses, these days. Development of e-content and thereby promoting virtual classrooms and teaching approaches is the objective of the college management.

Establishment of the Department

The Department of Animation was established in the academic year 2019-20 as a separate department. Initially it was under the Department of Computer Science. The course run by the department is B.Sc. Animation which is a 3 year degree course started by Savitribai Phule Pune University in the Academic Year 2012-13 and in Modern College in the year 2013-14.

Since the first batch passed out of B.Sc. Animation, it's our history to achieve 100% results. Under the autonomous status, the department has also started the M.Sc. Animation course from the last academic year i.e. 2022-23. The Department of Animation, Modern College is the pioneer to start an Msc in Animation Course under Savitribai Phule Pune University. UGC NSDC had sanctioned B.Voc. Animator (3D Animation and VFX), a 3 year degree course which started from the academic year 2021-22. This year, the courses were restructured according to the new National Education Policy (NEP) 2020 and successfully implemented. The intention of running these courses is to bridge the gap between the industry and academics and to produce skilled manpower required for the Animation Industry by giving relevant knowledge and practical experience to the students.

Along with several other departments, this year the Department of Animation shifted to the 5th floor of the new 9 storied building. The Department is well equipped with modern facilities and tools required for the animation studies. It includes 5 Computer labs, one Green Room Studio, one Activity room and a well equipped Sound recording-video editing Studio.

Along with teaching the department also participates in various off-campus industrial and educational activities. The students opt for our centre with highest priority. As a result, the students of Modern College, Shivajinagar, Pune-5 are at the forefront in the Animation field. During their graduate studies they undertake the projects which are relevant to the current Industrial needs. These projects have helped students to apply their theoretical knowledge to real life situations. They develop a portfolio to showcase their expertise gained in three years of degree course. Through practical demonstrations, Guest Lectures, Group Discussions etc, we bring the latest in Animation technology to our students. Co-curricular activities sharpen their minds and other skills that help in overall development.

We have a dedicated team of teachers, experts and well equipped laboratories. The young and highly qualified team of faculty members spare no efforts to keep the students well motivated and in updating their knowledge, creativity and skills. The students also reciprocate with their high achievements in academic performance.

Youtube Channel :

The Department of Animation has maintained the Modern Media Station, a Youtube channel of the College and proud to mention it has more than 7000 subscribers.

Technical Support

The Department of Animation provides technical support to the various events and programs carried out throughout the year. This includes audio-visual presentation, live video coverage through the Modern Media Station Youtube channel and other technical assistance to broadcast all the events organised in the college.

E-content Development Cell

For creation, development and deployment of the in-house e-content, the department of Animation has started an E-content Development Cell with adequate infrastructure facilities. Under this activity the college has started its own YouTube channel- Modern Media Station for live broadcasting of the academic events conducted in the college campus and online delivery of college notices and lectures. These Courses called MOOC (Massive Open Online Courses) are developed by teachers who are experts in their field and the editing of this content is done by the Animation department. Then these developed e-content is distributed through the medium of YouTube. This is the unique activity by the Department of Animation to develop and distribute institutional MOOC for the students of the college, prepared by the teachers of the students.

The exam conduction as well as the mark allotment for these courses is also done at the Animation Department under the guidance of our Head and Vice Principal Dr. Anjali Sardesai.

Departmental Academic and Administrative Audit

The departmental academic and administrative audit was carried out in the Department of Animation on 20th February, 2024. Prof. Rajesh Kange, Studio In Charge, Department of Journalism and Mass Communication, Tilak Maharashtra Vidyapeeth was the auditor and expert for this session. On this occasion the Head, Dr. Anjali Sardesai welcomed and felicitated Prof. Rajesh Kange. Prof. Dishant Mistry presented various departmental activities and information. All the staff members introduced themselves to the honourable Auditor. Prof. Rajesh Kange guided the staff members regarding the overall development of the department and gave his feedback. Prof. Sai Dumbre delivered the vote of thanks.

FOCAL POINT

The department of Animation continued its annual festival 'Focal Point', which celebrates expression through the visual medium such as photography, cinematography and shadowplay. The festival took place on 1st and 4th September, 2023. Many students, from animation and other courses took part in the photography competition. The students from FYBSc Animation put up a shadow puppetry show which received an overwhelming response. All shortlisted entries for the photography competition were displayed in the Lata Mangeshkar auditorium. The students from FY BVoc (Animator) put up different models on the topic 'Evolution of Camera'. Apart from the activities and exhibition, two seminars were also organised for the students, which had a great reception from the students and turned out to be very informative and interactive.

AURA

‘Aura’ is the flagship event of the Department of Animation to showcase the talent and creativity of the Animation students.

The annual Aura exhibition was held on 2nd February, 2024. Aura is a creative exhibition hosted by the animation department students to display their creativity through paintings, models and photos. This year, the theme of AURA as decided by the students was ‘Comics’. It featured artworks of classic indian comics like Malgudi Days, Chacha Chaudhary, Chintu, Shaktiman etc. The students created models of avengers weaponry, architectural models, cut-outs of Pu La Deshpande, Chacha Chaudhary. They created different selfie points with themes of comics which received a good response from the viewers.

Digital Language Library

The Department of Animation undertook the creation of the Digital Language Library. The Digital Language Library enables every computer in the college to have access to multiple sources that allow students to work on their language and communication skills. The DLL provides those students who face issues regarding language barriers an opportunity to work on themselves by using any computer facilitated by the College.

Kartikeya Rindani Memorial Event

The Department of Animation collaborated with the Department of Computer Science and co-organised the annual Kartikeya Rindani Memorial Event. The event took place on 29th February, 2nd and 3rd of March, 2024. The event started with the screening of the short films received for the Short Film competition, followed by a programming competition and a Techno-quiz on the 3rd. As tradition goes, the event ended with a cultural program with performances from various students in various categories like dance, music, drama etc.

Placement Brochure

In the academic year 2023-24 the Department of Animation continued the initiative for the placement of TY B.Sc. (Animation) students. Another edition of the placement brochure called ‘FLEDGELINGS’ for TYBSc students was created. Students from TY designed the front cover themselves.

Placement

Many students have been placed in reputed companies. Some of the students have started their own start-up.

Internship

All the B.Voc (Animator) third year course students have completed their internship in various industries. Some of the BSc (Animation) students have completed internships in reputed industries.

Pune Book Festival

Six students from SYBSc and TYBSc (Animation) interned with The National Book Trust to work for the Pune Book festival. The festival took place at Fergusson college from 16th December to 25th December 2023. The students worked for the social media team, doing photography, videography and editing simultaneously for the data to be put up on social media. Overall, the students had a great learning experience working on such a large scale event. They were also paid a good stipend and provided with a certificate at the end of the 10 day internship.

Staff Achievements

Prof. Dr. Anjali Sardesai

- Published a textbook for MSc in Computer Science titled ‘Design and Analysis of Algorithm’.
- Participated as a resource person for NAAC guidance at several colleges.
- Participated as a resource person for NEP guidance at several colleges.

Prof. Sameer Nerlekar

- Worked as resource person for 3D paper modelling workshop at Naralkar Institute, Pune on 16th December, 2023 Times and Trends Academy (TTA), Pune on 30th September, 2023.
- Participated in IKS workshop at MES College, Pune on 21 February, 2024.

- 'Modern Geet', a song based on Modern College got copyrighted on 9 January, 2024.
- Worked as script writer and voice-over artist for PES Rally based on Chatrapati Shivaji Maharaj's life story on 28 January, 2024.
- Worked as voice-over artist for a Short film - 'Sweet Dish'.

Prof. Hari Pagire

- Participated in NSS camp.

100% Worked as guest lecturer in 'Naralkar Institute' and 'Times and Trends'.

Prof. Anuja Gaikwad

- Participated in organising a rally titled "Sonyacha Nangar".
- Participated in NSS camp.

Prof. Shraddha Patil

- Designed graphics and posters for various college events.
- Worked as a coordinator for the AURA event.

Prof. Dishant Mistry

- Lead a team of volunteers for social media management for the Pune Book festival at Fergusson College.
- Performed poetry at Pune International Literature festival and Pune Book Festival.
- Worked as a Coordinator for the Digital Language Laboratory.
- Recited poetry at the Art Mandai Exhibition at Mahatma Phule Mandai, Pune.
- Hosted Art and Poetry events for the World Book Day Festival.
- Worked as a Coordinator for Aura Festival and Focal Point Festival.

Prof. Atharva Chavan

- Worked as a Technical Coordinator for the Fashion Technology Festival 'DARPAN', for 'Focal Point Short Film Competition', 'Best Student Trophy Award Function'.
- Participated in an AR & VR Workshop.
- Worked as a judge for 'Photography Competition'
- Worked as a coordinator for "Focal Point."
- Directed & produced a short film 'Sweet Dish'.
- Worked as a coordinator for 'Creative Talk'.
- Worked as a guide for departmental 3D Models.

Prof. Sai Dumbre

- Worked as a coordinator for Youth festival Competitions.
- Worked as a coordinator for the workshop on 'ARVR' for Animation students.
- Worked as a voiceover artist for 'Sonyacha Nangar Rally' based on Chatrapati Shivaji Maharaj.
- Worked as a voiceover artist for a short film 'Sweet Dish'.
- Conducted guest lectures on web designing at 'Naralkar Institute'.

Prof. Suraj Waghchaure

- Worked as a technical coordinator For Mock Parliament.
- Worked as a technical coordinator For Digital Language Laboratory.
- Participated in AR & VR Workshop.
- Directed & Produced a short film 'Sweet Dish'.

Prof. Shivraj Dumbre

- 1) Worked as a technical coordinator for Mock Parliament.
- 2) Worked as a technical coordinator for Digital Language Laboratory.
- 3) Worked as a technical coordinator for Focal Point Short Film Competition.

- **Dr. Anjali Sardesai**
Head, Dept. of Animation

Department of Biotechnology

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members:

Department Name: **Biotechnology**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. MRs. Rama Phadke	HoD and Chairperson of DIQAC	9763134076	hodbitoec@moderncollegepune.edu.in
2	Dr. Sharad Goswami	Member 1	9850268884	goswamibiotech@moderncollegepune.edu.in
3	Dr. Gauri Nerkar	Member 2	9042951745	gaurinerkar@gmail.com

2.11 No. of meetings with various stakeholders: No. 6 Faculty 2

Non-Teaching Staff Students

2

Alumni

1

Others

1

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos.

International

2

National

State

1

Institution Level

7

(ii) Themes:

1. "Biotech Fest 2022-23" inter-college and Interdepartmental Competitions on 25th-28th Feb 2023
2. Interactive session organized on 3rd November 2022, Thursday of Nobel **Laureate Sir Richard Roberts (Nobel Prize in Medicine 1993, for discovery of "Split Genes in Eukaryotes")**.
3. The Department of Biotechnology in collaboration with Department of German had initiated an exchange program with a school in Germany. The exchange was done under the banner of the 'MINT Project' of PASCH with the partner school in Germany called the Johanna Wittum School in a town called Pforzheim. The first phase of this project had completed by teachers and students.
4. The innovation competition "Navinya" was organized to explore the talent among the undergraduate and postgraduate students from 25th-28th Feb 2023
5. Department organized a "Two Days workshop on Germplasm Conservation Using Biotechnology" in association with Board of Students Development, SPPU on 21st -22nd February 2023.

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Interactive session organized on 3rd November 2022, Thursday of Nobel **Laureate Sir Richard Roberts (Nobel Prize in Medicine 1993, for discovery of "Split Genes in Eukaryotes")**.
2. **The University of Melbourne** this year also conducted a **"Teachers training program along with Research Camp"**. The University offered the BSc Blended students' opportunity to participate in Biology oriented Research Camp and a teacher development program for the accompanying faculty members. This program was aimed at enhancing delivery of the Blended curriculum and included sessions on science pedagogy and STEM teaching strategy.

This **Research Camp** was attended by Five students (T.Y. B.Sc. Blended) and two teachers of this course Ms. Divya Mistry (Biology) and Ms. Ankita Nahe (Physics)

3. **The University of Melbourne, Australia** recently launched a Dual **Degree Programme** in India. We are now a member of Australia's very large Indian diaspora. We are the pioneers of The University of Melbourne's three-year **Bachelor of Science (Blended)** programme. The programme is about to take a next step with the upcoming National Education Policy of our Country. **UoM** is already offering a three-year **Bachelor of Science (Blended)** programme in coordination with our institution back in **2016**, in which the curriculum is co-designed and quality assured by **UoM**.
4. The Department of Biotechnology in collaboration with Department of German had initiated an exchange program with a school in Germany. The exchange was done under the banner of the 'MINT Project' of PASCH with the partner school in Germany called the Johanna Wittum School in a town called Pforzheim. The first phase of this project had completed with great enthusiasm and motivation from the institutes, their teachers and students. 10 students from Modern College studying Science in class 11 (now in class 12) and first year of graduation in Biotechnology (now in the second year) have been assigned with a student partner from the German School. Pertaining to the ongoing Covid19 crisis, the first project was mutually decided to be conducted in an online manner.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	1	--	1	--
UG	2	--	2	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	2	2	2
Others	--	--	--	--
Total	3	2	5	2

Interdisciplinary	2	--	2	2
Innovative	-	--	--	--

1.1.2 Number of Programmes where syllabus revision was carried out during the year: 3

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: 2

1.2.1 - Number of new courses introduced across all programmes offered during the year:

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1. Ecology and Environment

2. Biotechnology and Human welfare I

3. Molecular Diagnostics

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
1. BSc Biotechnology	43
2. MSc Biotechnology	49
3. BSc Blended	7

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
13	13		2	1	

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	2	2	--	--	--

2.2 No. of permanent faculty with Ph.D.: 2

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	2	-	-	-	-	-	-	-		

2.4 No. of Guest and Visiting faculty and Temporary faculty

6	5	11

Pl. Provide the list of visiting faculty as annexure Annexure II

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2022-2023	Mrs.Radhika Oke	Assistant Professor	Research Fellowship from Sakal India Foundation, Sakal Papers of Rs. 40,000/-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		1	2
Presented papers	1		
Resource Persons			1

Pl. Provide the scan copies of participation certificates as annexure Annexure III

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1.	Dr.Rama Mandar Phadke	Chairperson ,Board of Studies	
2.	Dr.Sharad Goswami	Member, Board of Studies	
3.	Mrs.Radhika Velankar	Member, Board of Studies	
4.	Mrs. Mukta Kothari	Member, Board of Studies	
5.	Mrs.Pallavi Bhorde	Member, Board of Studies	
6.	Dr.Mrs.Sukhada Akole	Member, Board of Studies	
7.	Dr.Mrs. Pooja Thakurdas Sane	Member, Board of Studies	
8.	Ms.Ankita Nahe	Member, Board of Studies	
9.	Ms.Divya Mistry	Member, Board of Studies	
10.	Ms.Kiran Jagtap	Member, Board of Studies	
11.	Dr.Ms. Mukta Nagpurkar	Member, Board of Studies	

2.10 Average percentage of attendance of students

80%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

2.13 Initiatives undertaken towards faculty development by the deartment

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	2
Staff training conducted by other institutions	2
Summer / Winter schools, Workshops, etc.	1
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	2	-	-	-
Technical Staff	4	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

Name of the teacher awarded national/ international fellowship/financial support	Name of the Award/Fellowship	Month and Year of Award	Awarding Agency
Mrs.Radhika Velankar	Research Fellowship	For two years 2022- 2024	Sakal India Foundation, Sakal Papers

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution ?/If not,when did he/she leave the institution ?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
1.	Dr. Sharad Goswami	Yes	26-06-2021	Yes	--	--	--

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
Rs. 40,000/- to Mrs.Radhika Velankar as research fellowship	--	--

3.3.2 Ph. Ds awarded during the year

Name of the Department	No. of Ph. Ds Awarded
Department of Biotechnology	1

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	1	--	--
Outlay in Rs. Lakhs		45,00,000/-		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	--	--
Outlay in Rs. Lakhs		40,000/-		

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	4	3	-
Non-Peer Review Journals			
e-Journals	-	-	-
Conference proceedings			

Please provide the information in following format as annexure

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1.	Dr.Mrs. Rama Phadke	“Extraction and application of plant dye in microbial staining”	IJSDR	Dec 2022.	
2.	Mrs. Radhika Velankar	Effect of imidacloprid on germination and biochemical nature of cowpea (Vigna unguiculata L.walp and sunflower(Helianthus Annnus l.)	Ecology, Environment and Conservation UGC CARE List Group II, ISSN 0971 – 765	December 2022 issue.	0.34
3.	Mrs. Radhika Velankar				
4.	Dr.Sukhada Akole	Preparation of Wine using red bananas. Musa Sapientum and Cavendish banana and determining it's physiochemical characteristics.	International Journal for research trends and innovation.	Dec 2023 Vol.8 Issue 5.	8.14
5.	Dr.Sukhada Akole	Acid Base titration using plant extract as natural PH indicator	Interanational journal of advanced research ideas and innovations in technology	Vol.no.9 issue 2 2023	6.078
6.	Ms.Divya Mistry	Bird species richness trends in urban and semi-urban area in and around Pune City, India	Zoo's Print	Dec 2023 38(3): 17–21.	
7.	Dr.Mukta nagpurkar	Cytotoxicity Assessment in Sesame Leaves Using Human Cancer Cell Lines	Int J Pharm Sci.	14(2), b1-10	8.7
8.	Dr.Kavita hadavale	An Overview of Molecular Basis and Genetic Modification of Floral Organs Genes: Impact of Next-Generation Sequencing in Molecular Biology),		22.12.2022	

Please provide scan copies of the papers published as annexure Annexure IV

3.3.3 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	Biotechnology	1	
International			

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2	ISRO	45,00,000/-	45,00,000/-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	1	Modern College, Shivajinagar, Pune-05.	10,000/-	10,000/-
Any other(Specify)	-	-	-	
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated
-	-	-	-

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1.	--	--	---

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

Sr. No.	Name of the Institution	Type of Collaboration (International / National / Other)	Area / Details
1	University of Melbourne	International	BSc Blended degree quality assured by University of Melbourne
2	GreenArray Lab	Others	Collaboration for students internships , projects and visits

3.14 Details of linkages created during this year

Sr. No.	Name of the Institution	Type of Linkage (International / National / Other)	Area / Details
1.	Green Array Laboratories	National	Students project and visits
2.	Agharkar Research Institute	National	Students project
3.	National Chemical laboratory	National	Students project
4.	Indian Institute of Scientific	National	Students project

	Education and Research		
5.	Vasantdada Sugar Institute	National	Students project
6.	Department of Biotechnology, SPPU, Pune	State	Students project
7.	Department of Botany, SPPU, Pune	State	Students project
8.	Department of Zoology, SPPU, Pune	State	Students project
9.	Institute of Biotechnology and Bioinformatics	National	Students project
10.	Operon Labs Ltd.	State	Students project

Please provide the scan copies of the related letters as annexure **Annexure V:**

3.17 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	1		1	
Presented papers	1			
Resource Persons			2	

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
STEM Teachers Training Program, Workshop and B.Sc. Blended Research Camp	5 students and 2 staff members	Modern College of Arts, Science and Commerce, Shivajinagar, Pune-05.	10 days

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
		Green		Green Array Laboratories AND

For students' projects		Array Laboratories	Academic year 2022-23	Modern College, Shivajinagar, Pune-05.
For students' projects		Agharkar Research Institute	Academic year 2022-23	Agharkar Research Institute AND Modern College, Shivajinagar, Pune-05.
For students' projects		National Chemical laboratory	Academic year 2022-23	National Chemical laboratory AND Modern College, Shivajinagar, Pune-05.
For students' projects		Indian Institute of Scientific Education and Research	Academic year 2022-23	Indian Institute of Scientific Education and Research AND Modern College, Shivajinagar, Pune-05.
For students' projects		Vasantdada Sugar Institute	Academic year 2022-23	Vasantdada Sugar Institute AND Modern College, Shivajinagar, Pune-05.
For students' projects		Department of Biotechnology, SPPU, Pune	Academic year 2022-23	Department of Biotechnology, SPPU, Pune AND Modern College, Shivajinagar, Pune-05.
For students' projects		Department of Botany, SPPU, Pune	Academic year 2022-23	Department of Botany, SPPU, Pune AND Modern College, Shivajinagar, Pune-05.
For students' projects		Department of Zoology, SPPU, Pune	Academic year 2022-23	Department of Zoology, SPPU, Pune AND Modern College, Shivajinagar, Pune-05.
For students' projects		Institute of Biotechnology and Bioinformatics	Academic year 2022-23	Department of Zoology, SPPU, Pune AND Modern College, Shivajinagar, Pune-05.
Institute of Biotechnology and Bioinformatics				
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs	
Green Array Laboratories		Students projects and visits	Students: 300 Teachers : 12	

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others

Existing	19	1	yes	1	-	-	-		
Added	-	-		-	-	-	-		
Total	19	1		1	-	-	-		

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services:

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
140	100	-	-

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure **Annexure VI**

No	%

No	%

Men

Women

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Mr.Aditya Varpe	MSc Biotechnology	MJ Biopharm	1.8 L PA
Mr.Prujwal Pawar	MSc Biotechnology	MJ Biopharm	1.8 L PA
Mr.Abhishek Khanzode	MSc Biotechnology	MJ Biopharm	1.8 L PA
Mr.Mahesh Munde	MSc Biotechnology	MJ Biopharm	1.8 L PA
Ms.Lata Bisht	MSc Biotechnology	Bioxia Pvt.Ltd.	2.0 L PA
Ms.Gayatri Pathak	MSc Biotechnology	Green Array Laboratories Pvt.Ltd.	Internship

On campus

Off Campus

Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	50	5	1

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) - NIL

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year -NIL

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

5. Soft Skills
6. Language and Communication Skills
7. Life Skills (Yoga, Physical fitness, Health and Hygiene)
8. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Introduction to MS Excel	2022-23	82	Dr.Sameer Padhye
R software	2022-23	24	Dr.Sameer Padhye

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure **Annexure VII**

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies				
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year				
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2022-23	1. Ms.Divya Mistry 2. Ms.Ankita Nahe	“Teachers STEM training program and Research Camp”	University of Melbourne	70,000/- each towards airfare and visa fees
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year				
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year				
Title of the professional development programme		Number of teachers who attended		Date and Duration (from – to)
Two days National Conference on NEP 2020 at MCASC, Pune-05		12		14th and 15th February 2023

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: The Board of studies members for curriculum development includes the representative from alumni and industry which gives remarks based on their experiences in industry. So the feedback from them is useful in construction of syllabus.

1. 6.3.2 Teaching and Learning: Use of ICT in Teaching Learning Process, Innovative Teaching Methods, Innovation in Testing and Evaluation Methods:
 - Power point presentation
 - Online lectures

- Seminar
- Assignments
- Models and Posters
- E content – Audio and Videos

6.3.3 Examination and Evaluation: Evaluation of the students by not only conventional methods but we also conduct seminars, give assignments and conduct orals for overall performance evaluation of students.

6.3.4 Research and Development:

- We conduct seminars and conferences on national and international levels for encouraging students to improve research culture in the department.
- We published the first volume of the departmental research journal “BiotechSearch” for publication of students project work and reviews. Review writing is compulsory for MSc II students which we publish in the journal and the research papers based on their project work is also published in the departmental journal.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

- College central library has many books available related to Biotechnology subject for which students has access.
- ICT facility:
- Number of Desktops: 19
 - Number of Laptops: 2
 - Number of LCD Projectors: 4
 - Number of Digital Classrooms: 2
 - Number of Printers:4
 - Number of Scanners:3

6.3.6 Human Resource Management Department has sufficient teaching and non-teaching staff members. The list of them attached herewith:

Name of Staff member	Qualification	Designation	Specialization	Date of Joining	No. of Ph. D Students Guided for the last 4 years
Dr. Mrs. Rama Phadke (HOD)	M.Sc., PhD (Biotechnology) SET Life Sciences)	Assistant Professor	Biotechnology	25 July 2005	NA
Dr. Sharad Goswami	M.Sc. Ph.D. (Botany)	Assistant Professor	Botany	15 July 2013	NA
Ms. Radhika Oke	M.Sc. (Biotechnology), SET (Life Sciences)	Assistant Professor	Biotechnology,	16 August 2015	NA
Ms. Mukta Patil Kothari	M.Sc. (Biotechnology), SET (Life Sciences), GATE	Assistant Professor	Biotechnology	2017	NA
Ms. Pallavi Bhorde	M.Sc (Chemistry), GATE, NET	Assistant Professor	Chemistry	NA	
Dr. Mrs. Sukhada Akole	MSc Microbiology, Ph.D (Microbiology)	Assistant Professor	Microbiology	17 June 2018	NA

Dr.Pooja Thakurdas Sane	MSc Biochemistry, Ph.D (Basic Medical Science)	Assistant Professor	Biochemistry	2 nd Dec 2019	NA
Ms.Ankita Nahe	M.Sc Physics,BEd SET (Physical Sciences)	Assistant Professor	Condense Matter Physics	15 th July 2019	NA
Ms.Divya Mistry	M.Sc Biodiversity	Assistant Professor	Biodiversity	1 st July 2020	NA
Ms.Kiran Jagtap	M.Sc Biotechnology	Assistant Professor	Biotechnology	15 th July 2021	NA
Dr.Ms. Mukta Nagpurkar	M.Sc Biotechnology PhD Botany	Assistant Professor	Plant Biotechnology	1 st Aug 2021	NA

6.3.7 Faculty and Staff recruitment: Staff members are recruited through proper advertisement and through interviews by selection committee.

6.3.8 Industry Interaction / Collaboration: -

6.3.9 Admission of Students:

1. Admission of FY BSC Biotechnology and Blended students is strictly on the merit basis.
2. Admission to MSc Biotechnology is through entrance examination conducted by the college based on the BSc biotechnology syllabus.

6.11 Activities and support from the Alumni Association:

1. Department has Alumni association and every year we conduct alumni meet. We call alumni from various batched to interact with current students and guide them about the opportunities available for the future.
2. We also conduct the guidance session by these students every year for current students.

6.12 Activities and support from the Parent – Teacher Association:

1. Department every year conducts Parent- Teacher Association meet to give overview of course structure, examination pattern and other activities conducted by the department.

6.13 Development programmes for support staff: NIL

6.14 Initiatives taken by the institution to make the campus eco-friendly: Green Campus initiative

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department:

1. LEARNER-CENTRIC PRACTICES:

- Career Guidance and Counselling: Career guidance for their higher education to students by conducting their interaction to alumni students and experts from the field.
- Placement: We conduct campus interviews for helping the students to get jobs at Private and Public sector organizations.
- Training Programme: We arrange training programs for the Students to develop soft skills and make them employable.
- Short Term Courses: We conduct short term courses with an objective of developing job-skill in demanding sectors of Biotechnology.

7.4 Contribution to environmental awareness / protection:

1. Green campus initiative
2. Reduction in use of plastic in laboratory
3. Recycling of plastic wares in laboratory

7.6 SWOC Analysis of the Department

Strength: Qualified enthusiastic and young staff members

Weakness: Less space and modern equipments.

Opportunities: Strengthening of Research culture and placement of students.

Challenges: Space constraints

4. Plans of Department for next year :

1. Research Centre in Biotechnology
2. Strengthening campus placement activity
3. Implementation of New education policy

Name 1: Dr.Sharad Goswami

Name : Dr.Mrs. Rama Phadke

Name 2 : Dr.Gauri Nerkar

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

- The Department of Biotechnology established in 2005 will be completing 20 years soon. This year was an eventful year for the Department of Biotechnology. The department and laboratories were shifted to the new building and inaugurated in the academic year 2023-24. Many activities were conducted in this year also. Students of F.Y.B.Sc to M.Sc II biotechnology were encouraged to participate in various co-curricular and extracurricular activities along with the staff members. This year also the department conducted the annual event "Biotech Fest 2023-24" in which various competitions were conducted. The Biotech Fest was conducted on 5th and 6th January 2024. The Fest began on 4th Jan 2024 with an "Innovation Competition" based on Business Proposals in Biotechnology at 2 pm. Two business proposals were presented in front of judges and one was selected as the best proposal. On 5th Jan the Biotech Fest was inaugurated officially by Principal Dr.R.S.Zunjarrao at 10:30 am followed by conduction of various competitions. The Principal encouraged students to participate in co-curricular competitions and congratulated the participants. On the first day of the fest i.e. 5th Jan Microplating, Fuel less cooking and Salad decoration and Poster Model competitions were conducted. Bio Rangoli Competition was conducted on 6th January 2024. The other competition conducted on 6th Jan before the valedictory function was "Best out of waste". This was followed by valedictory function. The chief guest was Prof.N.M.Naidu. He enlightened the students with the importance of utilisation of waste for making its best use. He gave away the prizes to all the winners. Overall it was a successful organisation of "BiotechFest 2023-24. It helped to explore talent and aptitude for co-curricular activities among students. All staff members were involved in organizing the Biotech fest along with non-teaching staff members.
- The Parent teacher association meeting was also conducted this year to initiate the communication between faculty members and parents on 12th August 2023. Students and teachers were introduced to outline, total number of theory and practical courses, internal and external marks distribution and online and offline pattern of examination for FY biotechnology and FY blended courses as per the new education policy. All the staff members actively involved in introducing themselves and giving information to students. The guest lecture by Dr.Shilpa Puranik was also organised on the same day to give elaborate information to parents about the Indian Knowledge System to parents and

students. The lecture was followed by an exhibition of the posters made by the students on the theme of “Contribution of Indian Scientists to the field of Science”. The exhibition was conducted from 24th to 29th July 2023. The scientists whose contribution was displayed are from the ancient world.

- The main highlight of the department this year was “The German Exchange Program” that was initiated in the academic year with Johanna Wittum Schule from Germany and our college, Modern College of Arts, Science, and Commerce, Shivajinagar, Pune in 2020 via online mode. It has been an enriching and transformative experience for both the students from Germany and our institution. In October 2023 from 26th October 2023 to 4th November 2023, we had the pleasure of hosting three students from the program - Mina, Vivian, and Helena along with their teacher Mr. Braun, and his wife Mrs. Monica Braun, who came to visit us in India. There were various interactions, experiences, and learning opportunities during their visit. During the visit, students had numerous opportunities to interact with our German guests and learn about their culture. During the visit they visited many prestigious Institutes from Pune like NCCS, IISER, SPPU, Agharkar institute, Bhandarkar institute and learned about research and educational systems in India. Under the same exchange program the students from Biotechnology department along with Biotechnology teacher Dr.Radhika Oke and German Department Head are visiting Germany from 10th May to 20th May 2024.
- Another milestone for our Department this year was that for B.Sc. Blended The University of Melbourne, Australia last year launched a Dual Degree Programme in India. We are now a member of Australia’s very large Indian diaspora. We are the pioneers of The University of Melbourne’s three-year Bachelor of Science (Blended) programme. The programme is about to take a next step with the upcoming National Education Policy of our Country. UoM is already offering a three-year Bachelor of Science (Blended) programme in coordination with our institution back in 2016, in which the curriculum is co-designed and quality assured by UoM. Now we are moving towards the agreement for B.Sc. Blended Dual Degree Program and will be admitting the students from the academic year 24-25. The course is smoothly running in the Department of Biotechnology. Department has organised a Quality Assurance Certificate Distribution Programme for TYBSc Blended students for all the three centres from Pune viz. IDSS (Interdisciplinary School of Life Sciences) , Modern College,(Autonomous) Ganeshkhind and Modern College (Autonomous) Shivajinagar, Pune-05.The chief guest for the program were Dr.Andrew Drinnen and Dr. Deb King. Total 45 certificates were distributed to BSc Blended students.
- The Department of Biotechnology laboratories in the new building were inaugurated on 25th August by Dr. A. K.Pande, first Prof In-charge of Biotechnology Department. The Principal, Vice-Principals and all the faculty members along with a few students were present for the programme. The first issue of the research journal by the Department of Biotechnology was also published on the day. Dr. A. K.Pande was happy and satisfied with the progress of the department.
- The Department of Biotechnology has also organized several guest lectures and talks from different fields of Science like Pharmacy, Industrial processes, Patents. Eminent Scientists from different research institutes have come to deliver their guest talk in the department especially for B.Sc. Biotechnology and Blended students. The students also attended a few lectures organized by Savitribai Phule Pune University departments under various schemes.
- The list of Events and guest lecturers organized by the department in the year is as follows:
 1. 22nd July, 2023, Guest Lecturer : Dr. Ramesh Bhonde [Director (Research), Dr. D. Y. Patil Dental College and Hospital, Pune). Topic : Animal Tissue Culture and its applications
 2. 4th August 2023, Guest Lecturer : Dr. Sameer Padhye. Topic : Basics of Scientific Communication
 3. 2nd September, 2023, , Guest Lecturer : Ms. Manisha Puranik. , Topic : IKS with respect to Mathematics, Chemistry and Physics
 4. 16th September 2023, Guest Lecturer : Mr.Bauwadas Raut. Topic : Overview of Biopharma Industry and Career Opportunities

5. 30th Sept. 2023, , Guest Lecturer : By Alumni namely: Arpita Bhurke, Soumitra Bhide, Vaishnavi Bahulekar, Vaishnav Jadhav, Athrva Andhare, Yash Gurav, Rohith Sateesh
Topic : Career Opportunities in life Sciences
6. 12th Feb 2024, , Guest Lecturer : Dr.M.C. Kharkwal. Topic : Cloning Technology: Global Status
7. 20th Feb 2024, , Guest Lecturer : Dr.Reshma Patil. Topic : Emerging avenues and trends in Biotechnology and Career opportunities
- Every year our department organizes several educational visits for both UG and PG classes. The list of educational visits is as follows:
 1. 11th July and 12th July, Participation : Green Array Genomic Research & Solutions of Accurate Diagnostic laboratory
 2. 5th August 2023, Participation : Katraj Dairy for T.Y. Biotechnology students
 3. Sept 2023, Participation : Deccan Plateau Vineyards Pvt.ltd. for MSc II Biotechnology students
 4. Jan 2024, Participation : Biodiversity park for SY Biotechnology and TY Blended students
 5. 20th Feb 2024, Participation : Regional Ayurvedic Research Institute for MSc I Biotechnology students
 6. 23rd Feb 2024, Participation : Central Bee Research Training Institute , Shivajinagar for FY Biotechnology students
- Department organized a three days workshop on “ Three Dimensions of Stem Cells: Drug Discovery, Drug Screening and Drug Delivery” under the able guidance of Dr.Ramesh Bhonde ,Research Director D.Y.Patil University from 5th Oct to 7th Oct. Total 41 students participated in this workshop. Various lectures and hands-on sessions were conducted in the workshop. Following are the few titles of lectures viz. Introduction and Scope of stem cells, Stem cell culture in a dish, Chick embryo explant culture and Culture of Chick embryo fibroblasts.
- The Department of Biotechnology has also organized the ISR activity. The Second Year BSC Biotechnology and Blended visited the Netaji Subhash Chandra Bose Military School and College in Phulgaon village to NSS camp on 28th December, 2023. The students gave talks on areas with some real life applications of Biotechnology to NSS camp participants. The students along with the Head of Department respected Dr. Rama Phadke with other staff members Dr.Sharad Goswami, Dr.Gauri Nerkar, Ms.Kiran Jagtap and non teaching staff Mr. Prasad Vanage visited the camp .The presentations began at around 3 pm explaining the importance of Biotechnology in various scientific disciplines like Agriculture, Medical Research, Plant Tissue Culture, Pharmaceuticals etc. These concepts were easy to grasp when taught in layman’s terms. Hence the students presented their Topics to the students in a very simple but efficient way due to which they understood those concepts without any ambiguity. Some of the key concepts that were presented involved Vermicomposting, Green House, Biogas, Vaccination and Blood Pressure etc. The students presented their topics by explaining the audience in their native language thus making their topic and the idea more appealing to them. The topics were highlighted by briefing the concept with charts and eminent diagrams and creative mind maps prepared by the students themselves. Overall, it was a great experience for the participating students.

The achievements of staff members this year are as follows:

- **Dr. Rama Phadke, Dr. Sukhada Akole and Dr. Mukta Nagpurkar** have successfully completed in the ‘NEP 2020 **Orientation & Sensitization Program**’ (MMC-063-2024-FEB-A-00098) under Malaviya Mission Teacher Training Program (MM-TTP) of UGC being organized by the present MMTTC during the period 5th to 15th February, 2024 in online mode.
- **Dr. Rama Phadke, Dr. Radhika Velankar, Dr. Sukhada Akole, Dr. Pooja Thakurdas Sane, Dr. Mukta Nagpurkar, Ms Kiran Jagtap and Dr. Gauri Nerkar** have successfully completed a online **Refresher Course** on ‘Life Sciences and

Biotechnology' (RC6-23) at UGC-HRDC MMTTC by Sagar University from 06 December - 19 December, 2023

Dr. Rama Phadke (HOD):

1. Granted a Patent on "A method of purification of Glycoprotein using Affinity column chromatography."
2. Co-ordinated Quality Assurance Certificate Distribution Program for BSc Blended Students in collaboration with University of Melbourne.
3. Co-ordinated German Exchange Program and visit of German teachers and students.

Dr. Sharad Goswami:

1. Completed two week refresher course in Botany at Teaching Learning Centre, Ramanujan College, University of Delhi organized by Ministry of Education in the month of July-August 2023.
2. Completed four weeks Faculty induction/orientation program at Teaching Learning Centre, Ramanujan College, University of Delhi organized by Ministry of Education in the month of June-July 2023.
3. Completed Orientation course for Teaching Learning Centre Ramanujan College , University Of Delhi and (PMMMNMST)

Dr. Radhika Velankar

1. Received Ph.D. in Botany from Savitribai Phule Pune University under the guidance of Dr. R. S. Zunjarrao.
2. Attended three days hands-on workshop on "Three dimensions of stem cell, Drug discovery screening and Drug delivery" from 5th to 7th October 2023 organized by department of Biotechnology, Modern College, Shivajinagar, Pune.
3. Submitted full chapter titled "Genetically Modified Crops: A Pivotal Endeavour in Biotechnology" to upcoming book, "Genetically Modified Organisms" of INTECHOPEN LIMITED, Registered in England and Wales No. 11086078, IntechOpen, the world's leading publisher of Open Access books, Built by scientists, for scientists.

Ms. Mukta Kothari:

1. Coordinator of 10 days add-on course on "Animal Models in Developmental Biology" conducted from 12th June to 22nd June, 2023.
2. Attended Indian Knowledge System workshop at Tilak Maharashtra Vidyapeeth, Pune on 4th and 5th September 2023.
3. Coordinator of three days hands-on workshop on "Three dimensions of stem cell, Drug discovery screening and Drug delivery" (from 5th October to 7th October, 2023) organized by Department of Biotechnology, Modern College, Shivajinagar, Pune.
4. Organized guest lectures of eminent scientists for the students of the Department of Biotechnology.
5. Coordinator for organizing cultural programmes and visits to several institutes for German guests under German student exchange programme 2023.

Dr. Pooja Thakurdas Sane

1. Attended three days hands-on workshop on "Three dimensions of stem cell, Drug discovery screening and Drug delivery" (October 2023) organized by department of Biotechnology, Modern College, Shivajinagar, Pune.
2. Worked in editorial board for BiotechSearch journal.

Ms. Pallavi Bhoine:

1. Organised and coordinated industrial visit for MSc. Biotechnology Part II students to Sant Tukaram Sugar Factory, Kasarsai, Mulshi.

Dr. Mukta Nagpurkar:

1. Attended IKS workshop at TMV and Molecular biology hands on workshop in DBT BUILDER program in September 2023

2. Attended hands on workshop on “Three dimensions of stem cells: Drug Discovery, drug screening and drug delivery” (October 2023) organized by Modern College, Shivajinagar, Pune
3. Actively participated in organizing different activities at the department like visits, guest lectures, stem cell workshop and German Exchange Program.
4. Submitted full chapter titled “Genetically Modified Crops: A Pivotal Endeavour in Biotechnology” to upcoming book, “Genetically Modified Organisms” of INTECHOPEN LIMITED, Registered in England and Wales No. 11086078, IntechOpen, the world’s leading publisher of Open Access books, Built by scientists, for scientists
5. Actively participated in 8 Days National Online Training Programme on “Indian Knowledge Systems” From 23rd November 2023 to 2nd December 2023 organized by IQAC, Matru Sewa Sangh Institute of Social Work, Nagpur, Rajkumar Kewalramani Kanya Mahavidyalaya, Nagpur, Green Heaven Institute of Management and Research, Nagpur, Manoharrao Kamdi Mahavidyalaya, Nagpur, Rabindranath Tagore College of Arts, Science & Commerce, Nagpur
6. Coordinated as organizing members departmental activities like Biotech Fest, German Students Visit and various guest lectures
7. Participated in organizing and conducting PG students visit at Sugar industry as per syllabus

Ms. Kiran Jagtap:

1. Completed 5 day Hands-on workshop on “Tools and Techniques for Studying Pathophysiology and Gut Microbiome in Zebrafish” 11 th to 15 th March 2024 at Agharkar Research Institute, Pune.
2. Completed an online Refresher Course on ‘Life Sciences and Biotechnology’ (RC6-23) at UGC-HRDC MMTTC by Sagar University from 06 December - 19 December, 2023.
3. Submitted full chapter titled “Genetically Modified Crops: A Pivotal Endeavour in Biotechnology” to upcoming book, “Genetically Modified Organisms” of INTECHOPEN LIMITED, Registered in England and Wales No. 11086078, IntechOpen, the world’s leading publisher of Open Access books.

Dr. Kavita Hadawale:

1. Elected as Editorial board member of “International journal of Neuroscience and Neuroinformatics” (July 2023).
2. Attended workshop on “Flow cytometry” (August 2023) organized by C-CAMP, Bangalore.
3. Attended a workshop on “Three dimensions of stem cells: Drug Discovery, drug screening and drug delivery” (October 2023) organized by Modern College, Shivajinagar, Pune.
4. Presented Poster in “International symposium on recent trends in comparative endocrinology and physiology: from brain to behavior” (October 2023) organized by Zoology Department, S.P. Pune University, Pune.
5. Attended Online Global Initiative of Academic Network (GIAN) Workshop on “Introduction to characterization of Materials” from 4th-8th December 2023
6. Participated in the Visit of M.Sc. Biotech II students to Sant Tukaram Sugar Factory at Kasarsai, Pune on 8th February 2024.
7. Organised Guest Lecture of Dr. Reshma Patil (Post doctoral Fellow at Malaysia) on “Emerging avenues and trends in Biotechnology and career opportunities” on 20th February 2024
8. Organized Visit of F.Y. Biotechnology to “Honey Bee Research Centre, Shivajinagar, Pune” on 23rd March 2024
9. Organised Quiz Competition with Prize distribution of S.Y. Biotechnology students on 5th March 2024.
10. Submitted two Full Chapters entitled “1.Coinfection of Hepatitis B and Hepatitis D 2.Genotypes and variants of hepatitis D and clinical Implications” in upcoming book entitled “Blood-borne Viral Hepatitis: Advanced Research, Diagnosis, Prevention, and

Treatment of Hepatitis B, C and D “ going to be published by CRC Press/Taylor & Francis Group on 10th April 2024

11. Attended “Hands on training workshop on Aquatic animal health Management” on 12-13th April 2024
12. Attended workshop on “Research, IPR and patent filing” on 19th April 2024 organized by Modern College, Shivajinagar, Pune.
13. Attended “Online orientation and sensitization programme focused on National Education Policy 2020” from 18th-26th April 2024 organized by IISER, Pune under Malaviya Mission Teacher Training Programme.

Dr. Gauri Nerkar:

1. Published a research paper on Sugarcane genetic transformation in ‘Plant Cell reports’.
2. Actively participated in organizing different activities at the Department like workshops, industrial visits, guest lectures and German Exchange Program.
3. Submitted full chapter titled “Genetically Modified Crops: A Pivotal Endeavour in Biotechnology” to upcoming book, “Genetically Modified Organisms” of INTECHOPEN LIMITED, Registered in England and Wales No. 11086078, Intech Open, the world’s leading publisher of Open Access books, Built by scientists, for scientists.
4. Participated in NSS student camp, Sainik School, Phulgaon on 28th December 2023 to educate the students of non-science background about Biotechnology and Human Welfare.
5. Organized a guest lecture by Eminent Geneticist Dr. M. C. Kharkawal (Former Principal Scientist, ICAR-IARI, New Delhi) for the UG and PG students of Department of Biotechnology on 12th February, 2024. Part of the student visit to Deccan Plateau Vineyards, Burkegaon on 19th January 2024.

Mrs. Amishi Rindani

1. Joined the Biotechnology department in the month of November 2023 for B.Sc. (Blended).
2. Part of the student visit to Deccan Plateau Vineyards, Burkegaon on 19th January 2024.
3. Will complete the ‘NEP 2020 Orientation & Sensitization Program’ (MMC-063-2024-APR-B-00103) under Malaviya Mission Teacher Training Program (MM-TTP) of UGC being organized by the present MMTTC during the period 19th to 30th April, 2024 in online mode.

- Dr. Rama Phadke

Head, Dept. of Biotechnology

Department of Botany

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **Botany**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr Neeta M Patil	HOD and Chairperson of DIQAC	9850066036	hodbotany@moderncollegepune.edu.in
2	Dr. R.B. Barmukh	Member 1	9822868062	barmukhbotany@moderncollegepune.edu.in
3	Dr. Arti Goggi	Member2	997010941	goggibotany@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related) **NIL**

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

Academic activities

- Excursion and field visits were organized for FYBSc, SYBSc and TYBSc students. Excursion tours were successfully conducted at Gurhegar biodiversity park near Mahabaleshwar (4/9/23- SYBSc), Diveagar and Harihareshwar (16th to 18th Oct 2023 FYBSc), Sinhagad fort (29/1/24-TYBSc). Field visits were conducted at Seed testing lab, Krishi Bhavan (17/1/24 FYBSc), Plant tissue culture lab at Agriculture College (TYBSc - 6/3/24), Vasantdada Sugar Institute (14/3/24 FYBSc), Mushroom cultivation center at Agriculture College, Pune (FYBSc 23/10/23).
- The Add- on course on Plant Tissue culture was conducted by Dr. U.R.Wayase for SYBSc students from August 2023 to February 2024.
- One day Workshop was organized on Terrarium preparation for FYBSc students which was coordinated by Mrs. Poonam Nagarkar and Miss. Ashwini Gaikwad. Lecture was delivered by Dr. Ravisha sawant.
- Guest lectures were organized for students of all the classes which include Career guidance lecture by Prof. Dr. Digambar Mokate, department of Botany, SPPU and by Mr. Pramod Shelar.
- Board of studies meeting was held on 29th February 2024 to approve the syllabus of SYBSc Botany and MSc II as per NEP framework.
- Academic and administrative audit for this academic year was conducted on 11th March 2024. Sr.Prof. Dr. Avinash Ade was invited as external auditor

Research activities

- TYBSc and SYBSc students Om Sontakke, Ram Chitale, Anjali Dhote, Komal Bengude, Parth Zende, Sailee Sonawane, Shivani More, Sarthak Dashputre, Shivani Shinde,

Janhavi Waghlikar carried out research activities for Avishkar project competition, Marathi Vidnyan parishad- Science research Contest 2024, Ignited innovators of India (I₂I) by COEP, Dr. APJ Abdul Kalam Young Research Fellowship 2023 and Maharashtra innovation challenge 2024. They were guided by Dr.U.R.Wayase.

- Ph.D. student, Lalitha Tilming under the guidance of Principal Dr. R.S.Zunjarrao presented her pre Ph.D synopsis on 20/3/24.

Co-curricular activities

- Ranbhajya and Bharddhanya exhibition was organized on 2nd August 2023 by Dr. Arti Goggi and Mrs. Poonam Nagarkar to convey importance of wild vegetables and millets w.r.t their nutritional value and preservation.
- Herbal product preparation and display of the products activity was conducted on 25th January 2024 by SYBSc students under the guidance of Dr. Arti Goggi and Mrs. Poonam Nagarkar. The theme was “**Green Life- A way to herbal and healthy life**” to promote toxin free life. This activity is an example of experiential learning where students applied their classroom knowledge in conveying science behind herbal products.
- Salad decoration and Flower arrangement activity was carried out for FYBSc major and minor students on 24th January 2024 under the guidance of Dr. U.R.Wayase and Miss. Ashwini Gaikwad.

Extra-curricular activities/ or Extension Activity

- Talking Tree activity was carried out by faculty Dr.R.B.Barmukh, Dr.U.R.Wayase, Dr. Arti Goggi and TYBSc students under the guidance of Dr. R.S.Zunjarrao and Prof. Dr.Neeta Patil. In this activity QR code is generated for information about trees on JM road, Fergusson road, Modern College road and Ghole road. After scanning the code information about a particular tree is retrieved in audio form.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality Enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
To conduct Excursion tours and visits for UG and PG students	Successfully conducted excursion tours and visit to different labs
To prepare protocols and e- content for FYBSc students under NEP	Practical protocols and e content was prepared and provided to FYBSc students
To prepare syllabus under NEP for SYBSc students and to conduct BOS meeting	The detailed syllabus for various courses as per framework of NEP was prepared, discussed in the BOS meeting and was approved
To guide students for various research project and encourage them for various competitions	The SYBSc and TYBSc students were guided for research project and students participated in Avishkar project competitions and competitions held at GMRT, Marathi Vidnyan Parishad and other institutes
To encourage participatory and co-operative learning among students	Various activities were conducted
To organise guest lectures and skill oriented courses	Career guidance lectures were organized and Plant tissue culture course was conducted

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	01			
PG	01			
UG	01			
PG Diploma	NA			
Advanced Diploma	NA			
Diploma	NA			
Certificate	NA			
Others	NA			
Total				

Interdisciplinary	NA			
Innovative	NA			

1.1.2 Number of Programmes where syllabus revision was carried out during the year
02 -UG and PG under NEP 2020

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

Plant Tissue culture

1.2.1 - Number of new courses introduced across all programmes offered during the year

New courses in UG programmes are prepared as per NEP such as Skill enhancement and vocational courses

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

02 - UG and PG are offered choice based credit system

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

Study on growth and nutritional quality of Lettuce (Lactuca sativa L.) grown in an aquaponic system under different light conditions. Anwaya Karandikar

Potential of Karanja to meet the net-zero goal of India Anjali Gawade

Enhancing terrace plants growth through fertilizers management. Esther Debbarma

Planning implementation and maintainance of terrace garden for aesthetic purpose with respect to cultivation and maintenance of few medicinal plants. Rutuja Gabhale

Extraction and characterization of antioxidant activity in Ocimum sanctum. Samruddhi Bansude

Extraction and characterization of floral pigment *Hibiscus (rosa-sinensis)* Mohini Mahajan

Shoot multiplication and plant regeneration from *invitro* of cultures drumstick tree. Bhagvan Pawar

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
11	11				

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	06	02	03	01	-

2.2 No. of permanent faculty with Ph.D. - 05

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)			
Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2024	Dr. Ravisha Sawant	Assistant Professor	Academic Excellence Award from Scientific International Publishing House

2.5 Faculty participation in conferences and symposia:

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Being Autonomous college, DHOD is a chairman of Board of Study for the department of Botany and remaining teaching staff members are members of Board of study

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

The DIQAC monitors the teaching learning process and suggests the methods to be adopted for slow learners and activities for advanced learners.

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff				
Technical Staff	06		Nil	04

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution? /If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr R S Zunjarrao	Ph.D.	Yes		Yes	Aboli Avhad	Aug 2014	Propagation Studies in Habenaria brachyphylla (Lindl.) Aitch.: An Endemic Plant of Western Ghats
					Lalitha Thilming	March 2018	Studies on periodical changes of vegetation cover of trees and shrubs on the hills in Pune city
Dr N M Patil	Ph.D.	Yes		Yes			

Dr R B Barmukh	Ph.D.	Yes	2015	Yes	P M Shelar	August 2018	Studies on Fenugreek (Trigonella foenum-graecum L.) under salt stress.
Dr U R Wayase	Ph.D	Yes	2023	Yes	NIL		

3.3.1 Incentive to the teachers who receive recognition/awards	
3.3.2 Ph. Ds awarded during the year	
Name of the Department	No. of Ph. Ds Awarded
Botany	01

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index
3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

Sr. No	Name of the Staff Member	Book Title	Publisher Name	ISBN Number	Year of publication
1	Dr. Ravisha Sawant	Emerging trends in Biochemistry Volume II	Bhumi Publishing	978-93-95847-05-6	2024

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication
Botany	01

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1	Dr. R.S.Zunjarrao	SPPU	Aboli Avhad Ms Lalitha Tilming	Aug 2014 March 2018
2.	Dr. N.M.Patil	SPPU		
3.	Dr. R.B.Barmukh	SPPU	Mr. Pramod Shelar	Aug 2018

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1	Ms. Radhika Oak	Dr. R.S.Zunjarrao	26th March 2018	completed
2	Ms Aboli Avhad	Dr. R.S.Zunjarrao	20th August 2014	ongoing
3	Ms Lalitha Timling	Dr. R.S.Zunjarrao	26th March 2018	ongoing
4	Ms. Mukta Nagpurkar	Dr. N.M.Patil	20th August 2014	24 August 2022
5	Ms. Manju Rakesh	Dr. N.M.Patil	20th August 2014	20 September 2022
6	Ms. Nafisehsadat Omidiani	Dr. R.B.Barmukh	19 April 2016	Thesis Submitted in June 2021: PhD awarded on 16 February 2022
7	Mr. Ganesh Mankar	Dr. R.B.Barmukh	26 March 2018	PhD awarded on 1 December 2022
8	Mr. Pramod Shelar	Dr. R.B.Barmukh	20 August 2018	ongoing

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year			
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To) participant

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV**4. Infrastructure and Learning Resources****4.4 Technology up gradation (Department level)**

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	5	Nil	YES 200 mbps	7	Nil	Nil	one	200mbps	-
Added	Nil	Nil		Nil	Nil	Nil	-	-	-
Total	5	Nil	200 mbps	7	Nil	Nil	one	200 mbps	-
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others

Criterion – V**5. Student Support and Progression**

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG TY	PG	Ph. D.	Others
07	07		

(b) No. of students outside the state

NIL

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students NIL

Please provide the list of students, Gender, class, category as annexure

Men

No	%
No	%

Women

5.2.1 - Number of outgoing

students who got placement during the year

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

Employability enhancement courses were included as per NEP 2020

6.3.2 Teaching and Learning

Participative and Cooperative learning techniques were adopted by staff members

6.3.3 Examination and Evaluation

For internal exams various activity based assignments were given and evaluated

6.3.4 Research and Development

Students and staff members were encouraged to carry out research activities

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

Staff members were given different responsibilities for smooth functioning of departments such as coordinators for various activities

6.3.7 Faculty and Staff recruitment

Temporary faculties were after their formal interviews

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

The teaching staff members were allotted in the central admission process who counselled students during admission

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

Talking Tree activity was carried out by faculty Dr.R.B.Barmukh, Dr.U.R.Wayase, Dr. Arti Goggi and TYBSc students under the guidance of Dr. R.S.Zunjarrao and Prof. Dr.Neeta Patil. In this activity QR code is generated for information about trees on JM road, Fergusson road, Modern College road and Ghole road. After scanning the code information about a particular tree is retrieved in audio form.

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

Strengths:

1. More than 80% staff has Doctoral Degree

2. Well-equipped laboratories

3. PostGraduate Research center

Weaknesses:

1. Limited space availability compared to strength of the students

Opportunities:

1. Scope for more research publications.
- 2 Scope for getting funds through research projects
3. Attracting more students to opt for Botany as the Principal Subject.

Challenges:

1. Getting 100% attendance in all the classroom and lab sessions.

8. Plans of Department for next year

To carry out plantation programme in the campus

To improve Botanical Garden

To enhance the research activities

To collaborate with small industries and send students for internship

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

The academic, research, co-curricular and extracurricular activities were conducted by faculty and students of the Botany department as discussed in the term end meeting held for academic year 2022-23. The activities and achievements for academic year 2023-24 are as follows.

Admission process

National Education policy 2020 was implemented from academic year 2022-23 so faculty members under the guidance of Head of the Department counseled students during the admission process for FYBSc students. They explained the framework and guided them in choosing the combination of subjects.

Academic activities

- Excursion and field visits were organized for FYBSc, SYBSc and TYBSc students. Excursion tours were successfully conducted at Gurhegar biodiversity park near Mahabaleshwar (4/9/23- SYBSc), Diveagar and Harihareshwar (16th to 18th Oct 2023 FYBSc), Sinhadgad fort (29/1/24-TYBSc). Field visits were conducted at Seed testing lab, Krishi Bhavan (17/1/24 FYBSc), Plant tissue culture lab at Agriculture College (TYBSc - 6/3/24), Vasantdada Sugar Institute (14/3/24 FYBSc), Mushroom cultivation center at Agriculture College, Pune (FYBSc 23/10/23).
- The Add- on course on Plant Tissue culture was conducted by Dr. U.R.Wayase for SYBSc students from August 2023 to February 2024.
- One day Workshop was organized on Terrarium preparation for FYBSc students which was coordinated by Mrs. Poonam Nagarkar and Miss. Ashwini Gaikwad. Lecture was delivered by Dr. Ravisha sawant.
- Guest lectures were organized for students of all the classes which include Career guidance lecture by Prof. Dr. Digambar Mokate, department of Botany, SPPU and by Mr. Pramod Shelar.
- Board of studies meeting was held on 29th February 2024 to approve the syllabus of SYBSc Botany and MSc II as per NEP framework.
- Academic and administrative audit for this academic year was conducted on 11th March 2024. Sr.Prof. Dr. Avinash Ade was invited as external auditor

Research activities

- TYBSc and SYBSc students Om Sontakke, Ram Chitale, Anjali Dhote, Komal Bengude, Parth Zende, Sailee Sonawane, Shivani More, Sarthak Dashputre, Shivani Shinde, Janhavi Wagholikar carried out research activities for Avishkar project competition, Marathi Vidnyan parishad- Science research Contest 2024, Ignited innovators of India (I₂I) by COEP,

Dr. APJ Abdul Kalam Young Research Fellowship 2023 and Maharashtra innovation challenge 2024. They were guided by Dr.U.R.Wayase.

- Ph.D. student, Lalitha Tilming under the guidance of Principal Dr. R.S.Zunjarrao presented her pre Ph.D synopsis on 20/3/24.

Co-curricular activities

- Ranbhajya and Bharddhanya exhibition was organized on 2nd August 2023 by Dr. Arti Goggi and Mrs. Poonam Nagarkar to convey importance of wild vegetables and millets w.r.t their nutritional value and preservation.
- Herbal product preparation and display of the products activity was conducted on 25th January 2024 by SYBSc students under the guidance of Dr. Arti Goggi and Mrs. Poonam Nagarkar. The theme was “**Green Life- A way to herbal and healthy life**” to promote toxin free life. This activity is an example of experiential learning where students applied their classroom knowledge in conveying science behind herbal products.
- Salad decoration and Flower arrangement activity was carried out for FYBSc major and minor students on 24th January 2024 under the guidance of Dr. U.R.Wayase and Miss. Ashwini Gaikwad.
- Dr.Arati Goggi participated in three day Red listing workshop from 15th to 17th February 2024 organized by Department of Botany, Abasaheb Garware College, Pune.

Extra-curricular activities/ or Extension Activity

- Talking Tree activity was carried out by faculty Dr.R.B.Barmukh, Dr.U.R.Wayase, Dr. Arti Goggi and TYBSc students under the guidance of Dr. R.S.Zunjarrao and Prof. Dr.Neeta Patil. In this activity QR code is generated for information about trees on JM road, Fergusson road, Modern College road and Ghole road. After scanning the code information about a particular tree is retrieved in audio form.

Achievements

- Dr. Ravisha Sawant has received Academic Excellence Award 2024 from Scientific International Publishing House. She has written a book chapter on “Exploring Gymnosperms: An in-depth study of Nature’s Ancient Seed Plants” in Emerging trends in Biochemistry volume II by Bhumi Publishing, India.
- TYBSc students Om Sontakke and Ram Chitale made it to the University level in the Avishkar Project Competition. They received first prize in Pune district and also selected for state level presentation for Maharashtra Innovation Challenge 2024. They also presented their project at Marathi Vidnyan Parishad- Science research Contest 2024.
- SYBSc students Shivani More and Sailee Sonawane were selected for project presentations for Maharashtra Innovation Challenge 2024.
- TYBSc student Anjali Dhote, SYBSc students Parth Zende and Sarthak Dashputre presented their project at Marathi Vidnyan parishad- Science research Contest 2024.
- SYBSc Botany and TYBSc students received funds worth rupees 9000/- by I₂I and Eaton India foundation.
- Miss Radhika Oke was awarded PhD on 18th September 2023. She carried out research under the guidance of Dr. R.S.Zunjarrao on “Studies in Phytoremediation of polluted soils using plants of Asteraceae and Fabaceae.

- Prof. Dr. Neeta Patil
Head, Department of Botany

Department of Chemistry

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members:

Department Name: Chemistry

Sr. No	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Harsh K. Gaikwad	HoD and Chairperson of DIQAC	9890143098	hodchemistry@moderncollegepune.edu.in
2	Dr. Sachin Sakate	Associate Professor	9822021501	sakatechemistry@moderncollegepune.edu.in
3	Mrs. Pratibha Suryavanshi	Assistant Professor	8975598402	suryawanshichemistry@moderncollegepune.edu.in
4	Dr. Rohidas M. Jagtap	Associate Professor	9881378990	jagtapchemistry@moderncollegepune.edu.in
5	Mr. Amol S. Warangule	Assistant Professor	8408848248	warangulechemistry@moderncollegepune.edu.in
6	Mrs. Lalita T. Bhirud	Assistant Professor	9503320625	ranechemistry@moderncollegepune.edu.in
7	Mrs. Manisha J. Kashid	Assistant Professor	9763210989	kashidchemistry@moderncollegepune.edu.in
8	Mrs. Sheetal Kalegaokar	Assistant Professor	8888594288	kalegaokarchemistry@moderncollegepune.edu.in
9	Ms. Snehal Sawant	Assistant Professor	9823337904	sawantchemistry@moderncollegepune.edu.in
10	Mr. Vikram Bhumkar	Assistant Professor	9766500823	bhumkarchemistry@moderncollegepune.edu.in
11	Dr. Yogita Jaigude	Assistant Professor	9271224367	jaigudechemistry@moderncollegepune.edu.in
12	Ms. Tejaswini Manolikar	Assistant Professor	9527410877	tejamanolikar123@gmail.com
13	Ms Archana V. Khutwad	Assistant Professor	9405944542	archana.khu@gmail.com
14	Ms. Neha D. Patade	Assistant Professor	7757009088	nehapatade@gmail.com
15	Ms. Sonali D. Lokhande	Assistant Professor	9970296064	sonalilokhande345@gmail.com
16	Mr. Akash R. Suroshe	Assistant Professor	9561785052	Surosheakash2018@gmail.com
17	Ms. Rucha P. Joshi	Assistant Professor	8550915134	rucha.joshi8@gmail.com

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year 2022-23

Sr. No.	Year	Name of the Activity	Activity Report
1	2023-24	Industrial visit of T. Y. B.Sc. Students to Wine information Center, Nashik	An Industrial visit was arranged for T. Y. B.Sc. (Chemistry) Students to Wine Information Center, Nashik on 16 th January 2024. The purpose of visit was the students will gain knowledge about various chemical processes with live demos.
2	2023-24	CHEM - FEST Competitions 2023 – 24 1. Lecture Competition 2. Quiz Competition 3. Poster Competition	Department of Chemistry has organized different activities under CHEM - FEST Competitions 2023 – 24, namely Lecture competition, Quiz competition and poster Competitions.
3	2023-24	Talk on "6 points understanding of Climate change and Corrective Actions"	M. Sc. I and II (Analytical Chemistry) students have attended a talk on "6 points understanding of Climate change and Corrective Actions" delivered by Prof Chetan Singh Solanki (Professor, IIT Bombay) on 24 the January 2024 (10.00 am - 12.00 pm) at National Chemical Laboratory Pune.
4	2023-24	Guest Lecture on "Introduction to Patent"	Department of Chemistry has organized a guest lecture on "Introduction to Patents" for T. Y. B.Sc. and M.Sc. (Analytical Chemistry) students on 24 th February 2024 at 11.00 am. Guest Speaker Priti Deshmukh, Intellectual Property Manager, Lupin Pharmaceuticals, Pune.
5	2023-24	Industrial visit of M.Sc. Chemistry	Department of Chemistry has arranged Industrial visit of M.Sc. (Analytical Chemistry) Students to Wine Information Center, Nashik on 6 th March 2024.
6	2023-24	Placements to M.Sc. II (Analytical Chemistry) students Sr. No. Name of the student Placed in Company 1 Rohit Ghogage - Emcure pharmaceuticals, Pune 2 Gautam Pohekar - Emcure pharmaceuticals, Pune 3 Payal Shinde - Emcure pharmaceuticals, Pune 4 Dayanand Kolekar - Clean Science Technology Ltd. Kurkumbh (Quality Control department)	Department of Chemistry has initiated a valuable role in placing some M.Sc. II (Analytical Chemistry) 2023 – 24 students in different companies. The list of students placed is as follows

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD		√		
PG	1 √			
UG	1 √			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				

Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
On Job Training	21

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
4	1	3		

2.2 No. of permanent faculty with Ph.D. - 3

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

Sr. No	Name of the Staff Member	Designation	Mobile Number	Email id
1	Mr. Amol S. Warangule	Assistant Professor	8408848248	warangulechemistry@moderncollegepune.edu.in
2	Mrs. Lalita T. Bhirud	Assistant Professor	9503320625	ranechemistry@moderncollegepune.edu.in
3	Mrs. Manisha J. Kashid	Assistant Professor	9763210989	kashidchemistry@moderncollegepune.edu.in
4	Mrs. Sheetal Kalegaokar	Assistant Professor	8888594288	kalegaokarchemistry@moderncollegepune.edu.in
5	Ms. Snehal Sawant	Assistant Professor	9823337904	sawantchemistry@moderncollegepune.edu.in
6	Mr. VikramBhumkar	Assistant Professor	9766500823	bhumkarchemistry@moderncollegepune.edu.in
7	Dr. Yogita Jaigude	Assistant Professor	9271224367	jaigudechemistry@moderncollegepune.edu.in
8	Ms Tejaswini Manollikar	Assistant Professor	9527410877	tejamanollikar123@gmail.com
9	Ms Archana V. Khutwad	Assistant Professor	9405944542	archana.khu@gmail.com
10	Ms. Neha D. Patade	Assistant Professor	7757009088	nehapatade@gmail.com
11	Ms. Sonali D. Lokhande	Assistant Professor	9970296064	sonalilokhande345@gmail.com
12	Mr. Akash R. Suroshe	Assistant Professor	9561785052	Surosheakash2018@gmail.com
13	Ms. Rucha P. Joshi	Assistant Professor	8550915134	ruha.joshi8@gmail.com

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2023	Dr. R. M. Jagtap	Associate Professor	Certificate of Appreciation from Bharatratna Maulana Azad Social, Education and Sports Association



2.5 Faculty participation in conferences and symposia:

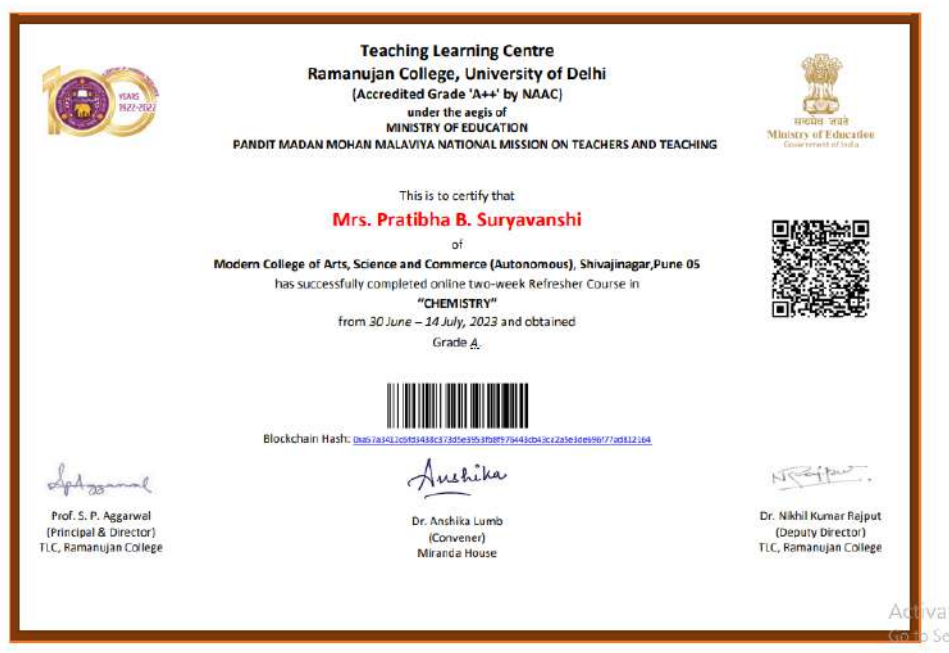
No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	1	2	
Presented papers			
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

Dr. R. M. Jagtap



Prof. Pratibha Suryavanshi



Mrs Lalita T. Bhirud





2.6 Innovative processes adopted by the institution in Teaching and Learning:

- 1) Use of Ball and stick models

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1			1
Technical Staff	4	6		13

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not, when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. H. K. Gaikwad	Ph.D in Chemistry Oct 2019	Yes	2022	Yes	Mrs Pratibha B. Suryavanshi	June 2023	
Dr. S. S. Sakate	Ph.D in Chemistry	Yes	2022	Yes	Mr Vikram Bhumkar	May 2023	
Dr. R. M. Jagtap	Ph.D in Chemistry , March 2019	Yes	2021	Yes	-	-	-

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph.Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	4		
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

Please provide the information in following format as annexure

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1	Dr. S. S. Sakate, Vikram Bhumkar	Sulphonic Acid Functionalized Ionic Liquids as an Efficient Catalyst for the Synthesis of Digeranyl Ethers and Geranyl Phenols	Chemistry Select, 2365-6549	9(14), 2024	2.1
2	Dr. S. S. Sakate, Dr. R. M. Jagtap, Snehal Sawant, Tejaswini Manolikar	Photocatalytic evaluation of CuO and ZnO crystallites synthesized hydrothermally using binary eugenol/iso-eugenol mixtures: isomer effects on the capping propensity of biogenic agents	<i>New Journal of Chemistry</i> , 1369-9261	48, 2024	3.3
3	Dr. R. M. Jagtap, Amol S. Warangule	Investigating the Photocatalytic degradation of Amaranth Dye in Water Environment using Visible Light Activated Fe Doped ZnO Nanoparticles	Physica Status Solidia, 1822-6319	23,2023	2.7
4	Dr. Yogita Jaigude	Protective Role of Gold Nanoparticles against Radiation-induced Oxidative Damage in Bovine Serum Albumin	Nanobiomed Eng 2150-5578	13/11/2023	1.60

Please provide scan copies of the papers published as annexure



Cite this: *New J. Chem.*, 2023,
48, 5040

Photocatalytic evaluation of CuO and ZnO crystallites synthesized hydrothermally using binary eugenol/iso-eugenol mixtures: isomer effects on the capping propensity of biogenic agents†

Tabee Jan,^a Shabnam Raheem,^a S. V. Sawant,^b T. V. Manojkar,^c S. S. Sakate,^b
S. K. Pardeshi,^c R. M. Jagtap^{a,c} and Masood Ahmad Rizvi^{a*}

This work aims to investigate isomer effects on the capping propensity of biogenic agents used in nanomaterial synthesis. Ten photocatalysts (CuO-I–CuO-V) and (ZnO-I–ZnO-V) of the CuO and ZnO series were hydrothermally synthesized using different molar ratios of eugenol + iso-eugenol (EIM) as biogenic capping agents to compare their capping propensity as isomeric forms. Experimental data analysis highlighted a variation in the surface morphology and crystallinity of both the systems synthesized using different EIM concentrations. The ZnO and CuO crystallites synthesized using different EIM mixtures depicted a range of photocatalytic descriptors and broader photocatalytic efficiencies. Furthermore, their optical properties such as band gap (E_g), absorption coefficient (α), refractive index (n), extinction coefficient (k) and optical conductivity (σ_{opt}) showed a favourable trend with an increase in the proportion of eugenol in the binary mixture. Based on the observed photocatalytic and electrochemical characteristics, ZnO-based photocatalysts were predicted to be more efficient than CuO catalysts. Furthermore, photocatalytic parameters predicted increasing photocatalytic efficiency from ZnO-I to ZnO-V and CuO-I to CuO-V, which was consistent with the increasing proportion of eugenol in the binary mixture. This increase in the efficiency is attributed to a better charge transfer, reduced recombination rate and greater optical conductivity in the case of ZnO-V and CuO-V, which was confirmed by EIS and UV-vis studies. Moreover, photocatalytic efficacy was evaluated for the degradation of dyes with different structural complexities under natural attenuation conditions (solar radiation, pH 7 and 25 °C) for a maximum of 450 min.

Received 13th November 2023,
Accepted 4th February 2024

DOI: 10.1039/c3nj52373k

nc/olop

Introduction

Photocatalysis employing solar or visible light has emerged as a promising approach for a plethora of applications ranging from synthesis to medicine.^{1,2} Visible light photocatalysis is an environmentally friendly alternative to conventional organic synthesis^{3,4} and industrial wastewater treatment applications. Visible light photocatalysis using biocompatible nanomaterials

under environmentally friendly conditions (natural solar radiation, prevalent water pH and temperature) represents the natural attenuation condition for water treatment application. Additionally, the use of biogenic capping agents has further expanded the scope of nanomaterials for safe applications. These biogenic capping agents besides being crucial in controlling the agglomeration, morphology, grain growth and dispersion of nanomaterials, also reduce their toxicity and provide a biocompatible surface for enhanced biomedical applications.⁵ Similar to medical applications, nanomaterials applied in sustainable water treatment essentially need to be nontoxic and biocompatible.⁶ Eugenol (4-allyl-2-methoxyphenol) and isoeugenol (4-propenyl-2-methoxyphenol) are the isomeric forms of bioactive compounds that are easily scalable from biogenic sources (lignins). They serve as prodrugs for the prevention of free radical-mediated diseases and neurodegenerative disorders and as a root canal filling material

^a Department of Chemistry, University of Eastern, Rajasthan, Jaipur, Jaipur and
Jaipur-302004, India. E-mail: masoodahmad@rediffmail.com

^b Department of Chemistry, Progressive Education Society's Modern College of Arts,
Science and Commerce (Autonomous), Bhamburda, Pune-411005, India.
E-mail: jagtaprishi@progressivesoc.edu.in

^c Department of Chemistry, Santitosh Pathi Pimpri University (Formerly University of
Pune) (Sanatosh), Pune-411007, India

† Electronic supplementary information (ESI) available: see DOI: 10.1039/c3nj52373k

Protective Role of Gold Nanoparticles against Radiation-induced Oxidative Damage in Bovine Serum Albumin

Yogitabali M. Narode, Geeta K. Sharma[✉]

Department of Chemistry, Savitribai Phule Pune University, Maharashtra-411007, India

[✉] Corresponding author. Email: Geeta K. Sharma, geeta.sharma@unipune.ac.in

Received: Aug. 11, 2023; Revised: Sep. 25, 2023; Accepted: Nov. 13, 2023

Citation: Y.M. Narode, G.K. Sharma, Protective role of gold nanoparticles against radiation-induced oxidative damage in bovine serum albumin. *Nano Biomedicine and Engineering*, 2024.

<http://dx.doi.org/10.26799/NBE.2024.9290078>

Abstract

Gold nanoparticles (AuNPs) are increasingly recognized as therapeutic agents in radiation oncology. Hence, the interaction of these nanoparticles with biomolecules viz. DNA, RNA, and proteins needs to be investigated. In this study, the potential radioprotective role of AuNPs in preventing free radical-induced changes in bovine serum albumin (BSA) was investigated using ultraviolet-visible (UV-Vis) spectroscopy, fluorescence, Fourier-transform infrared (FTIR) spectroscopy, circular dichroism (CD), sodium dodecyl sulfate-polyacrylamide gel electrophoresis (SDS-PAGE) and 5,5'-Dithiobis-(2-nitrobenzoic acid) (DTNB) assay. γ -irradiation of the protein disrupts the ordered structure of the protein. AuNPs reduced the α OH-induced oxidation of tryptophan (Trp) to nearly half of that without the AuNPs. CD studies revealed that the % α helix of BSA post-irradiation in the presence of AuNPs was higher (62%) than that without AuNPs (53%). DTNB assay results showed that, following irradiation of BSA, 25% of the thiol content was retained in the presence of AuNPs, indicating that AuNPs protected the protein from degradation by scavenging the free radicals generated during radiation-induced oxidation.

Keywords: bovine serum albumin (BSA); γ -irradiation; hydroxyl radical; nanoparticles; oxidation

Introduction

Recent research efforts are increasingly focusing on developing nanomaterials as their electrical, magnetic, and optical properties [1] differ greatly from their bulk counterparts [2]. This has enabled applications of these materials in various fields, including electronics, communication, energy harvesting, storage, and biomedicine [1, 3–7].

Gold nanoparticles (AuNPs) are considered

superior among metal nanoparticles as they can be multifunctionalized with many organic and biological ligands, facilitating selective binding and easy detection of biological targets [8–11]. For biomedical applications, the safety of these nanoparticles needs to be ascertained. Moreover, there is an increased risk of accidental exposure to these nanoparticles due to their extensive use in various technological applications. Therefore, a thorough understanding of the interaction of these nanomaterials with biomolecules, including amino acids, DNA, and

<https://www.scopus.com/journal/2136-5578>

Investigating the Photocatalytic Degradation of Amaranth Dye in Water Environment using Visible Light-Activated Fe-Doped ZnO Nanoparticles

Amol Warangule, Sagar Balgude, Ganesh Nehare, Shobha Waghmode,*
and Rohidas Jagtap*

These days, the removal of dissolved organics from industrial waste water is a foremost challenge to the scientific community to attain the conservation of the aqueous ecosystem. The present work emphasizes the photocatalytic degradation of industrial dye, that is, Amaranth using Fe-doped ZnO (Fe-ZnO) nanoparticles. The formation of wurtzite phase bare ZnO and Fe-ZnO materials fabricated by the solvothermal route is confirmed by XRD and Fourier-transform infrared spectroscopy, whereas the scanning electron microscopy morphological investigations reveal the formation of coral-like to granular particles. The bandgap energies of the synthesized materials are observed to be shifted to the blue region on gradual Fe doping, indicating the suitability of the material for photocatalysis. The photocatalytic activity of the as-synthesized ZnO and Fe-ZnO materials is evaluated under sunlight and mercury lamp light, wherein the 6% Fe-ZnO material shows more than 98% degradation of Amaranth dye within 80 min in sunlight. The kinetic studies shows pseudo-first-order degradation reaction with a rate constant of 0.0114 min^{-1} in sunlight. The effects of catalyst loading, light source, and stability of the photocatalyst are also explored along with a proposed photogenerated free radical-based dye degradation mechanisms.

and damage to the central nervous system. Additionally, long-term exposure to organic pollutants can lead to liver and kidney damage.^[8] Thus, it is highly essential to study these pollutants, especially to develop strategies for controlling their water pollution to ultimately conserve the aquatic ecosystem.

The common approaches to control water pollution like adsorption, filtration, wet oxidation, flocculation, and coagulation have several drawbacks that include sludge formation, formation of secondary pollutants, and ineffectiveness.^[9] Consequently in recent years, to treat dye-contaminated wastewaters, the 'Advanced Oxidation Processes' (AOPs) have attracted the attention of researchers.^[2] The AOPs have the advantage of being both economical and environmentally beneficial as they can successfully eliminate the organic dyes from wastewater without generating secondary pollutants.^[9] Photocatalysis is one of the most significant and efficient AOPs which enables the use of a nanocatalyst to gener-

1. Introduction

The world is facing an intensified water pollution issue caused by toxic organic compounds.^[1] The organic pollutants are released into the aquatic environment from variable sources including the chemical industries and agricultural runoff.^[2] These compounds are highly toxic and can cause several health problems on extended exposure such as skin eye irritation, lung edema,

and hydroxyl and superoxide radicals on light irradiation to break down the complex organic dye molecules into less toxic simpler forms.^[3]

Zinc oxide (ZnO) is a versatile material and increasingly utilized in various applications due to its excellent physicochemical properties and environmental friendliness.^[4] Also, ZnO is proved to be a versatile material, having a broad spectrum of applications like photocatalysis, antibacterial, drug delivery, biosensors, agricultural, and therapeutics due to its cost effectiveness and accessibility to morphological control even at nanoscale.^[5-13] The direct wide bandgap of ZnO affords the effective elimination of toxic chemicals via photocatalysis using UV light. In order to boost the photocatalytic performance, the tuning of the morphology, surface properties, and crystal defects of ZnO material is significant.^[14]

Despite that, the utilization of pristine ZnO photocatalyst has limitations offered by blocking UV light by ZnO particles, resulting in a high rate of electron recombination, more electron

A. Warangule, S. Balgude, S. Waghmode
Department of Chemistry
M.E.S. Abasaheb Garware college (Autonomous)
Pune, Maharashtra 411004, India
E-mail: Shobhawaghmode@gmail.com

A. Warangule, G. Nehare, R. Jagtap
Department of Chemistry
P.E.S. Modern College of Arts, Science and Commerce (Autonomous)
Shivajinagar, Pune, Maharashtra 411005, India

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1	Dr. H. K. Gaikwad	SPPU	Pratibha Suryavanshi	2023
2	Dr. S. S. Sakate	SPPU	Vikram Bhumkar	2023
3	Dr. R. M. Jagtap	SPPU	-	-

Please provide the scan copies of the guide ship letters as annexure



SCT22200154

Savitribai Phule Pune University

(Formerly University of Pune)

Telephone No: 25621171/1174

E-mail : rr@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233

**ACADEMIC SECTION****Ganeshkhind, PUNE-411 007**

Ref. No: BOD/Sci. & Tech./16/254

Date: 15/07/2022

To

Dr. Harsh Kashinathrao Gaikwad
 Progressive Education Society Modern
 College Shivajinagar Addr: Shivajinagar Pune
 Ta: Pune (corporation Area) Dist: Pune
 Pincode :411005

Subject : Recognition as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide-of Savitribai Phule Pune University. I am directed to inform you that the University authorities have been pleased to recognize you as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide of this University under the provision of Section 37(1)(c) of the Maharashtra Public Universities Act, 2016.

The details of your recognition are as under :

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Associate Professor	Science and Technology	Chemistry	P. G. Teacher M.Phil. By Paper M.Phil. By Research Ph.D. Guide	w.e.f. 05-07-2022 w.e.f. 05-07-2022 w.e.f. 05-07-2022 w.e.f. 05-07-2022 To 30/06/2038 (To Superannuation)	6 - Ph.D. 2 - M. Phil.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the University and University Grants Commission, (UGC) New Delhi from time to time in this behalf:

- i) Ph.D./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil Degree) Regulations 2016.
- ii) a) If the affiliation/Recognition granted by the university to your College/Institute gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.
 b) In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- iii) No fresh Ph.D./M.Phil Research Students should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co- guide to the Research Students working under you.

In addition to the above conditions, it is essential to mention the name of 'Savitribai Phule Pune University' in author's address in the Publications made by you and your students.

Recognition granted to you is always subject to the terms and conditions prescribed by the University and University Grants Commission, New Delhi from time to time, in this behalf.

If any correction in the recognition letter then please contact this office within fifteen days from the date of receipt of this letter.

- iv) If you change the existing College/ Institute, after getting University teacher approval, you have to apply online for address change.

Yours,

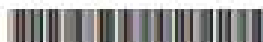


(Dr. M.V. Rasve)
Deputy Registrar
Academic Section

Copy fives to :

1. The Dean, Faculty of Science and Technology.
2. The Principal, Progressive Education Society Modern College Shivajinagar Addr: Shivajinagar Pune Ta: Pune (corporation Area) Dist: Pune.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





SCT72100292

Savitribai Phule Pune University

(Formerly University of Pune)

Telephone No: 25621171/1174

E-mail : vr@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233

**ACADEMIC SECTION**

Ganeshkhind, PUNE-411 007

Ref. No: BOD/Sci. & Tech./01/18

Date: 07/01/2022

To

Dr. Sachin Sumantrao Sakate
Progressive Education Society Modern
College Shivajinagar Addr: Shivajinagar Pune
Ta: Pune (corporation Area) Dist: Pune
Pincode :411005

Subject : Recognition as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide of Savitribai Phule Pune University. I am directed to inform you that the University authorities have been pleased to recognize you as a Post Graduate Teacher, M.Phil. & Ph.D. Research Guide of this University under the provision of Section 37(1)(e) of the Maharashtra Public Universities Act, 2016.

The details of your recognition are as under :

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Associate Professor	Science and Technology	Chemistry	P. G. Teacher M.Phil. By Paper M.Phil. By Research Ph.D. Guide	w.e.f. 05-01-2022 w.e.f. 05-01-2022 w.e.f. 05-01-2022 w.e.f. 05-01-2022 To 29/07/2037 (To Superannuation)	6 - Ph.D. 2 - M. Phil.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the University and University Grants Commission, (UGC) New Delhi from time to time in this behalf:

- Ph.D./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil Degree) Regulations 2016.
- If the affiliation/Recognition granted by the university to your College/Institute gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.
 - In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- No fresh Ph.D./M.Phil 'Research Students' should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co- guide to the Research Students working under you.

In addition to the above conditions, it is essential to mention the name of 'Savitribai Phule Pune University' in author's address in the Publications made by you and your students.

Recognition granted to you is always subject to the terms and conditions prescribed by the University and University Grants Commission, New Delhi from time to time, in this behalf.

If any correction in the recognition letter then please contact this office within fifteen days from the date of receipt of this letter.

- iv) If you change the existing College/ Institute, after getting University teacher approval, you have to apply online for address change.

Yours,



(Dr. M.V. Rasve)
Deputy Registrar
Academic Section

Copy fives to :

1. The Dean, Faculty of Science and Technology.
2. The Principal, Progressive Education Society Modern College Shivajinagar Addr: Shivajinagar Pune Ta: Pune (corporation Area) Dist: Pune.
3. The Deputy Registrar (Admission), Savitribai Phule Pune University, Pune-411 007.





SCT72109071

Savitribai Phule Pune University

(Formerly University of Pune)

Telephone No: 25621171/1174

E-mail : rr@unipune.ac.in

Telegraph : 'UNIPUNE'

Fax No : 25691233

ACADEMIC SECTION
Ganeshkhind, PUNE-411 007

Ref. No: BOD/Sci. & Tech./30/18

Date: 07/01/2022

To

Dr. Rohidas Machindra Jagtap
Progressive Education Society Modern
College Shivajinagar Add: Shivajinagar Pune
Ta: Pune (corporation Area) Dist: Pune
Pincode :411005**Subject : Recognition as a Post Graduate Teacher, M.Phil.(by Research) & Ph.D. Research Guide**

Sir,

Please refer to your application for Recognition as a Post Graduate Teacher, M.Phil.(by Research) & Ph.D. Research Guide of Savitribai Phule Pune University, I am directed to inform you that the University authorities have been pleased to recognize you as a Post Graduate Teacher, M.Phil.(by Research) & Ph.D. Research Guide of this University under the provision of Section 37(1)(e) of the Maharashtra Public Universities Act, 2016.

The details of your recognition are as under :

Designation	Faculty	Subject	Recognition on	Duration	No. of Students Allowed
Assistant Professor	Science and Technology	Chemistry	P. G. Teacher M.Phil. by Research Ph.D. Guide	w.e.f. 05-01-2022 w.e.f. 05-01-2022 w.e.f. 05-01-2022 To 05/06/2042 (To Superannuation)	4 - Ph.D. 1 - M. Phil.

Your guideship is subject to the following conditions and other terms and conditions prescribed by the University and University Grants Commission, (UGC) New Delhi from time to time in this behalf:

- Ph.D./M.Phil Research Guideship will be governed by the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D./M.Phil Degree) Regulations 2016.
- If the affiliation/Recognition granted by the university to your College/Institute gets over then the recognition granted to you will be treated as cancelled from the date on which the period of affiliation/recognition gets over.
 - In case of Research Institute, it should be recognized by the University for the subject for which you are recognized as Ph.D./M.Phil Research Guide.
- No fresh Ph.D./M.Phil 'Research Students' should be registered with Ph.D./M.Phil Research Guides whose length of service as a regular faculty is left not more than one year and in such case you have to compulsorily assign Co-guide to the Research Students working under you.

1 of 2

P.T.O

3.19 Details of Ph.D. students registered in research centres

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure**3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :****3.5 Collaborations****3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year****3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year**

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant

On Job Training	On Job Training	1) ChemEngg Research pvt Ltd, Pune 2) Maarc Labs, Nanded Phata, Sinhagad Road, Pandurang Industrial Area, Pune, 411041 3) Santkrupa Milk and Milk Products, Aljapur, Tal - Phaltan, Dist - Satara 4) Godavari Bio Refinery Sakharvadi, tal - Kopargaon 5) Lupin Pvt Ltd, Ankaleshwar - 393002 Dist - Bharuch Gujarat 6) Emcure Pharmaceutical, Hinjewadi, Phase II, Pune	1 May 2024 to 15 June 2024	21

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
	90	2	

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

Men	No	%	Women
	No	%	

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Rohit Ghogage	M.Sc. (Analytical Chemistry)	Emcure pharmaceuticals, Pune	
Gautam Pohekar	M.Sc. (Analytical Chemistry)	Emcure pharmaceuticals, Pune	
Payal Shinde	M.Sc. (Analytical Chemistry)	Emcure pharmaceuticals, Pune	
Dayanand Kolekar	M.Sc. (Analytical Chemistry)	Clean Science Technology Ltd. Kurkumbh (Quality Control department)	

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development
- 6.3.2 Teaching and Learning
Ball and stick models are used.
- 6.3.3 Examination and Evaluation
- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration
- 6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

All Experiments carried out in Laboratory are based on micro level analysis so that fewer chemicals are required and less chemical waste is generated

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

Department of Chemistry is running Waste water treatment plant to avoid contamination of water by chemicals thrown in laboratory basin

7.6 SWOC Analysis of the Department

8. Plans of Department for next year

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

The Chemistry Department is one of the biggest departments in the college with one thousand junior wing students, five hundred U.G. students and a hundred P.G. students. Under the leadership of Dr. H. K. Gaikwad, Head, Department of Chemistry, the department of chemistry has received 'Recognised Ph.D Research Centre in Chemistry' of Savitribai Phule Pune University, Pune and currently two students are pursuing their doctoral degree. A new Research Laboratory has been developed for research students.

The college has received the DST-FIST Scheme in 2019 in terms of Rs. 1.3 crore funds for the development of instrumentation facilities for Research and PG students. Under the valuable guidance of the college administration, the "Central Sophisticated Instrumentation Facility" of the college is created at the Department of Chemistry. This well equipped laboratory is fully functional with high end analytical instruments like GC, HPLC, IR, UV, UV-DRS spectrophotometers. Definitely with the utilisation of this facility the research quality of the PG and Ph. D students are going to be enhanced.

Staff Achievements

Dr. H. K. Gaikwad

1. Received 'Ph. D Recognised Research Guide Status in Chemical Sciences' of Savitribai Phule Pune University, Pune.

Dr. S. S. Sakate

1. Received 'Ph. D Recognised Research Guide Status in Chemical Sciences' of Savitribai Phule Pune University, Pune.
2. Worked as a Coordinator of 'Central Sophisticated Analytical Instrumentation Facility' (CSAIF) of MCASC, Pune 5.
3. Guided Four M. Sc II Analytical Chemistry (2023-2024) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.
4. Worked as 'Chairperson of Refreshment Committee of Annual Social Gathering 2023' of MCASC, Pune 5.

Dr. R. M. Jagtap

1. Received 'Ph. D Recognised Research Guide Status in Chemical Sciences' of Savitribai Phule Pune University, Pune.
2. Guided three M. Sc II Analytical Chemistry (2023-2024) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.

Prof. P. B. Suryawanshi

1. Registered for Ph. D. in Chemical Sciences.
2. Completed two week Refresher Course in "Chemistry" from 30th June to 14th July 2023 and obtained A grade.
3. Attended One day faculty development Workshop on "Research Projects Under Unnat Maharashtra Abhiyan" Conducted by IIT Bombay on 25th April 2024.
4. Organised a guest lecture on "Introduction to Patent".
5. Organised Poster, Lecture and Quiz Competitions.

Amol Warangule

1. Attended International Conference on "Recent Advances in Material Sciences" held on 4th April 2024

Lalita T. Bhirud

1. Registered for Ph. D. in Chemical Sciences
2. Attended International Conference on “Recent Advances in Material Sciences” held on 4th April 2024
3. Attended workshop on “Research, Intellectual Property Rights and Patent Filing” on 19th April 2024 at Modern College of ASC (Autonomous), Shivajinagar, Pune – 05.
4. Attended One day faculty development Workshop on “Research Projects Under Unnat Maharashtra Abhiyan” Conducted by IIT Bombay on 25th April 2024.
5. Guided Two M. Sc II Analytical Chemistry (2023-2024) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.

Manisha J. Kashid

1. Guided two M. Sc II Analytical Chemistry (2023-2024) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.

Dr. Yogita R. Jaigude

1. Guided two M. Sc II Analytical Chemistry (2023-2024) students for their Post-Graduate Research Projects in M. Sc Analytical Chemistry.

Vikram G. Bhumkar

1. Registered for Ph. D. in Chemical Sciences.

Archana Khutwad

1. New Appointment in the academic year 2023 - 24.

Sonali Lokhande

1. New Appointment in 2023 - 24

Neha Patade

1. New Appointment in 2023 – 24

Rucha Joshi

1. New Appointment in 2023 - 24

Akash Suroshe

1. New Appointment in 2023 - 24

Departmental Achievements**1. Industrial visit of T. Y. B.Sc. Students to Wine information Center, Nashik**

An Industrial visit was arranged for T. Y. B.Sc. (Chemistry) Students to Wine Information Center, Nashik on 16th January 2024. The purpose of the visit was the students will gain knowledge about various chemical processes with live demos.

List of Students and staff accompanying

Sr No.	Name of the staff	Contact No.	Blood Group
			Girls
1	Kartiki Belsare.	8390451268	O+
2	Sakshi Pawar	8767286624	O-
3	Priyanka Korde	9359837153	A+
4	Yogini Chaudhary	7272836161	AB+
5	Laxmi Jadhav	7820869235	AB+
6	Akanksha Dhamdhare	7798322746	O+
7	Vaishnavi Adagale	7885147204	A+
8	Vrushali Waghmode	8421099445	A+
9	Ekta Jadhav	8591404983	O+
10	Shravani Dhok	9822513838	B+
11	Dnyaneshwari Waman.	8793926511	O+

12	Vaishnavi Dhumal	8208495812	O+
13	Janvi Sapkale	8806653179	B+
14	Isha Deshpande	9175912190	O-
15	Khushboo Mehroliya	8080091538	O-
16	Snehal Ranpise	7841938744	A+
17	Vaishnavi Ghule	9284899782	O+
18	Krutika Pawar	9284126159	AB+
19	Yogita Jadhav	8806182068	O+
20	Sanika Raikar	7666504653	B+

Boys

21	Aditya Shinde	8624842777	AB+
22	Pramod Survase	9370193140	B+
23	Vaibhav Waghmode	9112383802	A+
24	Vaibhav Domale	9607468671	A+
25	Shrekant Dinde	8177880994	B+
26	Yash Ghadge	7774003886	AB+
27	Bhushan Shinde	9359404898	O+
28	Raj Pawar	8698706524	A+
29	Sidhant Navgire	9022343135	B+
30	Nikhil Ghawate	9404137931	B+
31	Shreeaunsh Gaikwad	9022846467	AB+
32	Shrikar Ghorpade	8459744569	A+
33	Sandip Valvi	9529282947	B+
34	Charan Laxman Mali	7038750177	B+
35	Awishkar Shahu Taur	9011496412	B+
36	Ashruba Deshmukh	9130803764	A-
37	Chaitanya Nalawade	7820934130	A+
38	Ashish Patil	9075984807	O+

Staff List

Sr No.	Name of the staff	Contact No.	Blood Group
1	Amol Warangule	8087675254	AB+
2	Vikram Bhumkar	9766500823	A+
3	Snehal Savant	9823337904	B+
4	Tejaswini Manolikar	8208728619	O+

Non teaching Staff

Sr No.	Name of the staff	Contact No.	Blood Group
1	Vikas Daundkar	9763085797	A+

2. CHEM - FEST Competitions 2023 - 24

The Department of Chemistry has organized different activities under CHEM - FEST Competitions 2023 - 24, namely Lecture competition, Quiz competition and poster competitions.

Date	Time	Event
19/01/24	10:00 am-1:00 pm	Lecture competition
19/01/24	2:00 am-5:00 pm	Quiz Competition
20/01/24	11:00 am-2:00 pm	Poster Competition

Judges :

- 1) Prof. Santosh S. Terdale
Professor in Chemistry, Department of Chemistry, Savitribai Phule Pune University, Pune
- 2) Dr. Sujata Kale
Former Head of Department of Chemistry, Abasaheb Garware College, Pune

The following are the topics given for poster presentation to students

Sr No. Name of the Topic

- 1 Chemistry of Chocolate
- 2 Chemistry of Coffee
- 3 Chemistry of milk processing
- 4 Enantiomers in everyday life
- 5 Green Polymer
- 6 Chemistry behind soft drinks
- 7 Natural products in everyday life
- 8 Paint and Pigments chemistry
- 9 Glues and Adhesives Chemistry
- 10 Soaps and Detergent Chemistry
- 11 Paracetamol
- 12 Ibuprofen
- 13 Fiber to fabric chemistry
- 14 Chemistry in energy storage
- 15 Photoluminescence in fire flies
- 16 Chemistry in diet
- 17 Chemistry in food and preservatives
- 18 Poison and Chemistry
- 19 Biomolecules
- 20 Chemistry behind different feelings
- 21 Chemistry in cosmetics
- 22 Chemistry and Electronics (semiconductor material)
- 23 Chemical sensor
- 24 Barbiturates
- 25 Indicators(natural)
- 26 Glass
- 27 Forensic Science
- 28 Synthesis of ammonia
- 29 Nanomedicines
- 30 Detecting drug abuse in sport
- 31 Lead in the environment
- 32 Medicinal applications of iodine
- 33 Medicinal properties of Radium
- 34 What's in your strawberries?
- 35 Eradicating Malaria
- 36 A whisky tour
- 37 Insect Repellants
- 38 Nitrous Oxide
- 39 Particle size Analysis
- 40 Coffee: Friend or Fee
- 41 Hydrogen Fuel Cells
- 42 New materials for lightweight aircraft
- 43 Chemistry of diamonds
- 44 Nanosilver in the environment
- 45 Desalinating Water for future supply
- 46 The chemistry of early life
- 47 The discovery of DNA
- 48 Smart Clothing

- 49 Solid oxide fuel cells
- 50 Uses of electrochemical cells
- 51 Ozone: Protector or Polluter
- 52 Acid Rain
- 53 Fingerprint Detection
- 54 Modern Fibres for future clothing
- 55 Clean Water Supply
- 56 Detecting Chemicals in the Universe
- 57 Air Analysis
- 58 Explosive Chemistry
- 59 Chiral molecules
- 60 Chemistry at the origin of life
- 61 DVD chemistry
- 62 Smart Glass
- 63 CFCs and the Environment
- 64 A new generation of anti malarials

3. Talk on "6 points understanding of Climate change and Corrective Actions"

The M. Sc. I and II (Analytical Chemistry) students attended a talk on "6 points understanding of Climate change and Corrective Actions" delivered by Prof Chetan Singh Solanki (Professor, IIT Bombay) on 24 January 2024 (10.00 am - 12.00 pm) at National Chemical Laboratory Pune.

4. Guest Lecture on "Introduction to Patent"

The Department of Chemistry organised a guest lecture on "Introduction to Patents" for T. Y. B.Sc. and M.Sc. (Analytical Chemistry) students on 24th February 2024 at 11.00 am.

Guest Speaker

Priti Deshmukh, Intellectual Property Manager, Lupin Pharmaceuticals, Pune.

5. Industrial visit

The Department of Chemistry arranged an Industrial visit of M.Sc. (Analytical Chemistry) Students to Wine Information Center, Nashik on 6th March 2024.

6. Placements

The Department of Chemistry initiated a valuable role in placing some M.Sc. II (Analytical Chemistry) 2023 - 24 students in different companies. The list of students placed is as follows

Sr. No.	Name of the student	Placed in Company
1	Rohit Ghojage	Emcure pharmaceuticals, Pune
2	Gautam Pohekar	Emcure pharmaceuticals, Pune
3	Payal Shinde	Emcure pharmaceuticals, Pune
4	Dayanand Kolekar	Clean Science Technology Ltd. Kurkumbh (Quality Control department)

- Dr. Harsh Gaikwad
Head, Department of Chemistry

Department of Computer Science

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **Computer Science**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Prof.S.S. Deshmukh	HoD and Chairperson of DIQAC	9922007315 8149899090	hodCompSci@moderncollegepune.edu.in ssd0703@gmail.com
2	Prof. Manisha Suryawanshi	Member 1	9423507641	manisha17sep@hotmail.com
3	Prof. Sheetal Patil	Member2	8888880166	patilcompsci@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders:

1. Faculty: 5
2. Non-Teaching Staff :3
3. Students: 8
4. Alumni : 2
5. Others : 4

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level: 5

(ii) Themes :

1) Title of the event :Seminar on ‘Amazon services’

Date and Time : 23/08/2023, 2:00 PM to 3:00 PM

Expert Speaker Name, Designation: Mr. Abhijit Patwardhan, Global Engagement Manager at Amazon Web Services (AWS) London, UK

Number of participants: 92

Mode of event: Offline

Description: The session was conducted on Amazon Web services, Free Tier categories such as Web Apps, Dev Ops and Cloud Security. Guidance regarding Placement preparation was given to our M.Sc. Computer Science & M.Sc. Computer Application students.

2) Soft skills Workshop

A two days soft skills workshop was conducted on 19th and 20th October 2023 for students of Department of Computer Science. Dr. Shaila Bootwala, Principal, Abeda Inamdar College worked as the chief guest and keynote Speaker. Mr. Anand Parchure delivered a talk on ‘Soft skills for working professionals’. Mrs. Amruta Kulkarni delivered a talk on ‘Interview techniques and body language’. Dr. Harish Patankar delivered a talk on Healthcare. Mrs. Mayuri Mehra delivered a talk on ‘Meditation and breathing techniques’. Ms. Aruna Kulkarni spoke on ‘My mind matters’. Dr. Milind Choudhari delivered a talk on ‘Satrtup and Innovation’.

3) Title of the event : Seminar on ‘Improving Quantitative and Analytical Skills’

Date and Time :31/08/2023, 11:00 AM to 1:00 PM

Expert Speaker Name, Designation: Prof. V. R. Nanivadekar, Ex-Professor, MIT, WPU

Number of participants: 118

Mode of event: Offline

Description: An interactive session for Improving Quantitative and Analytical Skills was conducted. Problems were given to students and later solution was discussed in order to arrive at the best possible solution in less time.

4) Seminar on 'Amazon Web services'

A session by Mr. Abhijit Patwardhan, Global Engagement Manager at Amazon Web Services (AWS) London, UK was conducted on 23rd August 2023 on Amazon Web services, Free Tier categories such as Web Apps, Dev Ops and Cloud Security. Guidance regarding Placement preparation was given to our M.Sc. Computer Science & M.Sc. Computer Application students.

5) Seminar on 'Improving Quantitative and Analytical Skills'

Description: An interactive session on 'Improving Quantitative and Analytical Skills' was conducted on 31st August 2023 by Prof. V. R. Nanivadekar, Ex-Professor, MIT, WPU. Problems were given to students and later solution was discussed in order to arrive at the best possible solution in less time.

6) Seminar on 'Placement Guidance and Career Opportunities'

Placement Co-ordinator Prof. Mrs. Manisha Suryawanshi conducted a Seminar on 'Placement Guidance and Career Opportunities' for UG and PG students



Seminar on 'Amazon Web Services' by Mr. Abhijit Patwardhan (Alumni)



Seminar on 'Improving Quantitative and Analytical Skills' by Prof. V. R. Nanivadekar

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- Kartikeya Rindani Intercollegiate Programming and Quiz Contest (29th Feb - 2nd March 2024)
- R.M. Marathe Programming Competition (10th February 2024)
- Soft Skills Workshop (18th - 19th October 2023)
- Placement Activity
- Seminars

- Workshop
- Group Discussion
- Mock Interview
- On-line Admission process for all the courses
- Conducting M.Sc. (CS) and M.Sc. (CA) Entrance Examination at Mass Level
- Student/Career Counseling
- “Zaroka” - The Desktop article column

2.15 Plan of Action by DIQAC/Outcome:

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
Distribution of credits for per subject per the course	▪ Implementation of syllabus ▪ Feedback analysis ▪ Practical slip preparation ▪ Conduction of regular practicals ▪ Result analysis ▪ Subject distribution as per areas of interest

Month	Tentative Dates/ Week	Description
May	1 st May	Maharashtra Day
June	June First and Second Week	Undergraduate Admission Process PG Entrance examination UG and PG admission counselling round
	14 th June	Meeting of teaching and non-teaching staff for planning for academic year
	19 th June	Commencement of Teaching Learning Process
		Celebration of Foundation Day of College
	21 st June	Celebration of International Yoga Day
	Third / Fourth Week	Commencement of lectures for all classes
July	First Week	First Year UG Induction program
August	First week	Orientation program for first year UG students
	Second week	Orientation program for first year PG students
	15 th August	Independence Day
	Third Week	Commencement of lectures for PG

Month	Tentative Dates/ Week	Description
	2 nd October	<i>Gandhi Jayanti</i>
October	Third and Fourth Week	FY, SY and TY CIE backlog Exam
November	Last week	UG regular and backlog exam
December	First Week	UG and PG Examination
	Second week	Sem-II Commencement

	Fourth Week	PG Examination
January	25 th January	Kanitkar Day
	30th and 31st January	Annual Social Gathering
February	First week	UG CIE Examinations
	10th February	R M Marathe Programming Competitions
	28th and 29th February	Kartikeya Rindani Programming Competitions
March	1st March	Kartikeya Rindani Programming Competitions
	Second Week and Third week	UG ESE Backlog Examinations
April	First and Second Week	UG Theory and Practical Examinations
	Third Week and fourth Week	UG Practical Examinations
May	First and second week	PG Backlog and External Practical Examination
		Term II Commencement

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	2			
UG	2			
PG Diploma	1			
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year:3

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : 4

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System: 5

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
Human Rights-I	19CpHrtP102	1	3 Months	90	90
Human Rights-II	19CpHrtP202	1	3 Months	90	90

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
MSC CA Internship for Sem-4	72
MSC CS Internship for Sem-4	30
MSC CA Field project for Sem-3	33
MSC CS Field project for Sem-3	68

Sr. No	Name	Enrollment No	Comapany Name
1	Akshata Chaudhari	2373002	Mali &CO Tax Consultant
2			
3	Vedika G Chauhan	2373003	FORSTU Edutech LLP
4	Shivraj uttam bhand	2373004	SGK Enterprises
5	Supriya sarak	2373005	Thawal Hospital
6	Sonawane Satyam	2373006	Pantanjali store
7	Harshal Dighe	2373007	Satral Dairy
8	Ankur Misal	2373008	Techflakes Digital Pvt.Ltd
9	Vaishnavi sonawane	2373009	Mahatma Gandhi Shikshan Mandalache Dadasaheb Dr. Suresh G.Patil college Chopda
10	Anikaet dalvi	2373010	Jagdamba cyber cafe
11	Rushikesh Rashinkar	2373014	Anushree photo studio
12	Harshali More	2373015	M.G.Mane civil Engineers &Contractors
13	Anushka Swamy	2373019	KTIT TELE SOLUTION .PVT.LTD.
14	Snehal Kamble	2373020	A java home for research& Development
15	Ankita Kamble	2373022	Seva sahayog Foundation
16	Shubham bhade ,	2373025	Customer Service Point
17	Pankaj Dhavale	2373028	GDK Enterprises , Smart Service solution
18	Shreya Jadhav	2373029	Shri Chaitanya Medical
19	Sahil Awari	2373030	CI Production
20	Bhavesh Khairnar	2373031	Softcrowd Technologies
21	Nitish Kumbhar	2373032	CI production
22	Apurva Jagdale	2373033	Cloudblitz
23	Sanskruiti Jgatap	2373034	Study gallery coaching Academy
24	Vaishnavi Kokate	2373035	Tri Polarcon Pvt.Ltd.
25	Samadhan Birajdar	2373036	Pastech Digital Pvt.Ltd.
26	Akanksha Kurhe	2373039	Maungiri Krushi Deepak
27	Kaveri Bhoj	2373041	CI production
28	Sumit Baniya	2373042	Lits Bros Pvt.Ltd
29	Shubham Handore	2373043	Sopan Hospital

30	Sanika Surwase	2373045	M.G.Mane civil Engineers & Contractors
31	Khushi Guochup	2373046	Orgpro Software Pvt.Ltd
32	Srushti Pawar	2373047	Quick Delivery Service
32	Raghav Deshmukh	2373048	Eteva tech
33	Tejal Chaudhari	2373049	PARAMSHREE TECHNOLOGIES
34	Shreya Raksheof	2373050	Adv.Satish Kand
35	Tanvi Nagargoje	2373051	A java home
36	Vishal Pankar	2373052	G.P Enterprises
37	Rutuja Jadhav	2373054	Samarth Laboratory
38	Utkarsha Pathak	2373055	M.S.S High school & junior college
39	Manjiree Mule	2373056	Chaturti pure veg
40	Sameer Phansalkar	2373057	Nakoda Travels
41	Shubham Labade	2373058	Bharat Intern
42	Jaqueline Anthony	2373059	Nigde Softech Technologies Pvt.Ltd.
43	Arpit Salvi	2373060	Nigde Softech Technologies Pvt.Ltd.
44	Saurab Rathi	2373061	M D Interior
45	Sagar vyavahare	2373062	Tanuved Solution Pvt.Ltd
46	Prathamesh Pawar	2373063	Truth Finder Services pvt.Ltd.
47	Shravani kul	2373064	Tanuved Solution Pvt.Ltd
48	Rushikesh Honkande	2373065	Tanuved Solution Pvt.Ltd
49	Kharde Laxmi	2373066	Satral Dairy
50	Sakshi Shinde	2373068	Orange developers
51	Drishti Bhatiya	2373069	Modern college of arts science and commerce shivajinagar pune 5(department of computer science)
52	Vaishnavi Tikkas	2373071	Savitribai Phule Pune university Design Innovation Center
53	Dhiraj Jadhav	2373072	Deesha Computers
54	Vaishnavi Bhanage	2373075	medinatural
55	Waghmare siddhant		Techno Comp Academy
56	Shreyas Bhandari		Khan Photography
57	Kartik Marne		C I production
58	Nalawade Satish		Prodigy infotech
59	Jadav Yashkumar		MeriSKILL
60	Vaishavi pacharne		Nimbus Cloud sevices
61	Moharkar Vibhav		Prodigy infotech
62	Pranav Kadam		UNO MINDA LTD.
63	Sohel Patel		A2Z IT HUB PVT.LTD
64	Mhaske Rohit		Prodigy infotech
65	Harshada lakade		Nimbus Cloud sevices
66	Mubin Shaikh		A2Z IT HUB PVT.LTD
67	Pallavi paygude		Intern pay
68	Gauri Dhavale		Intern pay
Sr. No	Name	Enrollm ent No	Company Name
1			
2	Dipak Kadam	2373102	RUVIL COOL PRODUCTS
3	Dhanashri Dhormale	2373103	Manthan Book Shop
4	Digvijay Daspute	2373104	RUVIL COOL PRODUCTS

5			
6	Vaishnavi Rahul Jadhav	2373106	Techno Comp Academy
7	Aniket Baban Belgaonkar	2373107	Techno Comp Academy
8	Shraddha Bhimrao Biradar	2373108	Shantai dental clinic
9	Mahesh Shukraj Borade	2373109	New shiv data dairy
10	Shubham Thange	2373110	Pizzario Foods Ltd
11	Viraj Bhosale	2373111	Pizzario Foods Ltd
12	Vishwajit Pol	2373112	Pizzario Foods Ltd
13			
14	Kunal Dwarkanath Kore	2373114	Cognizant Technology Solution India Pvt.Ltd
15	Atharva vikas Chavan	2373115	Cognizant Technology Solution India Pvt.Ltd
16	Pratik Shedage	2373116	Apexx computers and technology
17	Mayur Rohokale	2373117	RUVIL COOL PRODUCTS
18			
19	Vishakha .B. Humbare	2373119	FOR HAPPY PET SHOP
20	Saurab Pawar	2373120	Apexx computers and technology
21	Sakshikumari Thakur	2373123	
22	Vedant Gundawar	2373124	METAOMMPVOX
23	Shubham Ghare	2373125	RUVIL COOL PRODUCTS
24			
25	Nikhil Kshirsagar	2373127	New shiv data dairy
26	Karishma Sonigare	2373128	Siddhart Tours and Travels
27	Aditi Nimbre	2373129	Cyber Success IT training and Services
28	Omkar Borude	2373130	
29	Mahesh Unde	2373131	DreamsGuider
30	Sagar sanjay Jadhav	2373132	Toro Technology Center India LLP
31	Rushali Gawade	2373133	FOR HAPPY PET SHOP
32	Manisha Choudary	2373134	Persistent System Ltd.
33	Suyash Sabale	2373135	New shiv data dairy
34	Sakshikumari Thakur	2373123	
35	Vedant Gundawar	2373124	METAOMMPVOX

Criterion - II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
22	22	Yes	10	10	printers, computers, laptops, tablets, etc., to software tools such as Google Meet, Google Spreadsheets, Virtual Meetings, Microsoft Team

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
10	10			

2.2 No. of permanent faculty with Ph.D.: 3

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
3								3	

2.4 No. of Guest and Visiting faculty and Temporary faculty :13

list of visiting faculty

- 1) Mr. Hrishikesh Joshi, Cyber Security
- 2) Kunal Pagaria, UI/UX
- 3) Deven Patil, Dot Net
- 4) Piyush Thankre, UI/UX

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		1	
Presented papers	1		
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Usage of E-learning – resource
2. Visits to the library and access of internet helps to know about the latest trends in technology and many applications
3. Usage of ICT infrastructure to prepare computer aided teaching and learning material
4. Conduct of Career Guidance and counselling activities
5. Conduct of remedial /backlog classes and special classes for slow learners so as to improve the learning skills of the student
6. To teach content beyond the syllabus

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Prof.S.S.Deshmukh	Nominated as a Member BOS(Computer Application) JSPM Autonomous College	
		Nominated as a Member, Academic Council, Indira College of Commerce and Science (Autonomous)	
		Nominated as a Member, Academic Council, News Arts, Science and Commerce College, Ahmednagar	
		Nominated as a Member, Academic Council, Tuljaram Chaturchand College, Baramati	
2	Dr.Kalyani Salla	Actively working as a BOS member, Computer Application at RMACS	

2.10 Average percentage of attendance of students:75%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Creating opportunities for students to engage with the material actively, such as through group work, discussions, or hands-on activities.
- Combining face-to-face instruction with online learning activities to create a more flexible and personalized learning experience
- Presenting students with real-world problems to solve, encouraging them to think critically and develop problem-solving skills.
- Promoting teamwork and collaboration among students, encouraging them to learn from each other and share their knowledge and skills
- Execution of mini projects, videos, online certification and encouraging bright/ weak students

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff				2
Technical Staff				2

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1	Dr.Pallawi Bulakh	Published a paper on “Enhancing medical Image analysis through Deep Learning Based Lesion Detection” (Scopus Indexed)	International journal of Intelligent Systems and Applications in Engineering.	Vol.12, Issue 2s, PP 27-36, 2024.	

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

Sr. No	Name of the Staff Member	Book Title	Publisher Name	ISBN Number	Year of publication
1	Prof.Sonali Deshmukh	Research Methodology	Vision	978939402362	2023
2	Prof.Meghmala Patil	'Cloud Computing'		ISBN 978-81-19115-81-5	JULY 2023
3	Dr.Pallawi Bullakh	Study and Learning material for Symbiosis International University			

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Prof. Meghmala Patil: A chapter entitled "A STUDY ON DATABASE OPTIONS IN THE CLOUD" published By Iterative International Publishers (IIP) in book series "Futuristic Trends in Information Technology Volume 3 Book 1"

Link of Published Chapter : <https://www.iipseries.org/viewpaper.php?pid=4349&pt=a-study-on-database-options-in-the-cloud>

3.10 consultancy provided by the Department

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated
<i>Please provide the scan copies of the communication letters, consultancy letters as annexure</i>			

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1	Prof. S.S. Deshmukh	Elected unopposed as Secretary	Progressive Education Society from 1st January 2024 to 31st December 2028
2	Prof.Manisha Suryawanshi	Invited as Judge for Project Competition in MMCC College, Pune.	
		Worked as Advisor for 2 days workshop on Soft Skills and also Student Collection Activity	
3	Dr.Kalyani Salla	Worked as Resource person for a session in 'Careers in Computer Science and IT' in a workshop organized by Hutchings Junior College, Pune.	
		Worked as Coordinator for organizing a session on 'Enhancing Analytical and Quantitative Skills' for UG and PG students of Department of Computer Science	
5	Dr. Pallawi Bulakh	Organized and conducted Soft Skill workshop for PG Students.	

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them *Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Sr. No.	Research Scholar Name	Name of the agency	Year of receiving fellowship	Year of Registration

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		1		
Presented papers	1			
Resource Persons				

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
MGSMS Dadasaheb Dr.Sureh G. Patil College, Chopda, Jalgaon	30/4/2024	Enhancement of academic, research, internship, entrepreneur skills and OJT of students, teachers of the college	

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	160	5	5	5	5	0	1	200 MBPS	
Added									
Total	160	5	5	5	5	0	1	200 MBPS	

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services Active Placement cell, Motivation towards research, motivated the students to participate in workshops/Seminars, Science Exhibitions etc. Orientation sessions were conducted by the mentor for the newly admitted students in all the departments, Each department organized and encouraged students for many activities

5.2 Efforts made by the Department for tracking the progression

1. Analysis of results was done
2. Remedial coaching was conducted after tracking
3. Bridge / extra lectures for better understanding planned
4. Soft skills
5. Language and communication skills
6. Life skills (Yoga, physical fitness, health and hygiene)
7. ICT/computing skills

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
795	72		

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students :12

Please provide the list of students, Gender, class, category as annexure

Name	Gender	Class	Category
Jamal Somaya	Male	Msc Cs	Muslim
Al Barati Mohammed Thabit Muthanna	Male	Msc Cs	Muslim
Shinwari Samander	Male	Msc Cs	Muslim
Michael Mutie Otieno	Male	Bsc CS	Christian
Bunthorn Hav	Male	BCA	Buddhist
Jaak Michael Manong	Male	BCA	Christian
Abdullah Saeed Ahmed Jahlan	Male	BCA	Muslim
Samiullah Rahemi	Male	BCA	Muslim
Rahmanullah Shirzad	Male	MSc CA	Muslim
Hekmatullah Amin	Male	MSc CA	Muslim
Faramarz Cina	Male	MSc CA	Muslim
Yaser Faqiri	Male	MSc CA	Muslim

Men

Women

No	%
459	56.87
No	%
348	43.13

5.2.1 - Number of outgoing students who got placement during the year

Sr. No.	Student Name	Class	Company Name	payscale
1	Anuja Bhise	MSc.CS.II	Maestrotek innovations pune	
2	Arpit Tripathi	MSc.CS.II	Zimetrics technology Pvt.Ltd.	
3	Srushti veer	MSc.CA.II	ValueDX Technology pvt.Ltd	
4	Atharva Kirkole	MSc.CS.II	Ilink multitech Solution pvt.Ltd	10000
5	Sahil Kokare	MSc.CS.II	Nebula Technology	
6	Sharvari Paigude	MSc.CS II	Benelec Infotech pvt.Ltd	8000
7	Ghanashyam Patil		Splendid infosystems	
8	Archana Dere	Msc.CA II	Gamut Business solution	
9	Sahil Gurav	MSc.CS.II	Cybernectics	
10	Tushar Patil	MSc.CA.II	Indiway Softech	
11	Abshar Fatima	MSc.CS.II	Herbinger Systems Pvt.Ltd	15000
12	Shivani Sarangkar		Capgemini Technology services India Ltd.	25000
13	Bharatsing Pardeshi		Espare Matrix Solution Pvt.Ltd	
14	Balaji Karkar		Techcraftery	
15	Shubhada Patil	MSc.CA.II	Cognizant	19500
16	Jayesh Degaonkar	MSc.CA.II	Devops Consultancy	2000
17	Rushikesh Ahire		CellBeans Helthcare Informatics Pvt.Ltd	9914
18	Mohini Chaudhary	MSc.CA.II	Benelec Infotech Pvt.Ltd	8000
19	Anushka Kulkarni		Maya Institute of Animation and VFX	5000
20	Suvrna Chavan	MSc.CA.II	Vmax Info Development	
21	Aditya Chavan		Brainbees Solution Pvt.Ltd.	29167
22	Pramod Chaughule		Infosys limited	
23	Rasika Date			
24	Ajay Veer	MSc.CA.II	Springotech Pvt.Ltd	
25	Amit Tupe	MSc.CA.II	Springotech Pvt.Ltd	
26	Sumant Pujari	MSc.CA.II	Springotech Pvt.Ltd	
27	Aniket Bhosale	MSc.CA.II	Garware Techical Fibers Ltd.	
28	Shivani Jadhavrao		Garware Techical Fibers Ltd.	

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
21	90	28	

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Sr. No.	Name	Class	Level Zonal/ State/ National/ International	Details of Prize/ Participation
1	Pranit Patil	FY Bsc Cs	Inter college softball,baseball competition	1st place in softball, baseball
2	Samruddhi Shivaji Mohol	F.Y.B.Sc.C. S.	VOLLEYBALL *Intercollegiate *Interzonal *U-18 State * West Zone *Ashwamedh *U-21 State	VOLLEYBALL *1st Place *1st Place *3rd Place *Participation *1st Place *2nd Place
3	Shivam Dipak Bhukan	FY.BSC.CS	1.Inter College Cricket Competition 2.Kartikeya Rindani Cultural Program 2024 Quiz Competition. 3.Kartikeya Rindani Cultural Program 2024 Programming Competition. 4.Poster Making Competition By Science Association 5.Walk-A-Thon Competition 6.Pune Pustak Mahotsav	Participation Participation Participation Participation Participation Participation
4	Yash Dnyaneshwar Bunage	FY.BSC.CS	1.Poster Making Competition By Science Association 2.Walk-A-Thon Competition 3.Pune Pustak Mahotsav	Participation Participation Participation
5	Ajay Koli	TY BCS	National	All India YACHTING REGATTA Camp (All India Rank 2)

6	Vaishnavi Lashkare	SY BCA	Intercollege competition and Vidyarthi sahayyk samiti annual sports	3rd rank in UG poster competition by science association modern college, and 3rd rank in badminton by vidyarthi sahayyk samiti annual sports march 2024
7	Anand Sarolkar	TYBCA	InterCollege Project Competetion Held By CS Department Modern College	1st Rank
8	Vaishnavi Anant Yawale	SY BCA	State level theater competition Firodia karandak Inter College competitions by science association and cs department of modern college	1st rank in poster competition held by science association modern College. 2nd rank in poster competition held by cs department (kartikeya rindani event)
9	Siddhesh Santosh Chalke	TYBCA(sci)	National	AFMC attachment camp(ARMY SOUTHERN COMMAND)
10	Harshraj Subhash Shinde	FY BSC CS	Inter College Kho-Kho Compitition	3rd rank
11	Amruta Hanmant Mane	FY BCA(sci)	1) Annual festival 'Ekatvam'24 college competition by political science department of Modern college 2) Kartikeya rindani poster competition	1)1st rank in poster competition held by political science association modern college 2)Participation
12	Mohini Chaudhari	M.Sc. CA Part 2	Best Student Trophy, Kalasaptah 2023 by Art Circle	Best Student Trophy contest 2023-24 from Postgraduate wing. 1st rank in Mehendi Competition. 1st rank in Poster Competition. 2nd rank in Rangoli Competition.

13	Sanika Mahesh Kulkarni	FY BCA Sci	Intercollege competition held by cs department and department of animation.	2nd rank in poster competition held by cs department(kartik eya rindani competition)
14	Shruti Sameer Deshpande	FY BSC CS	1. Kalasaptah 2023 by Art Circle. 2. Kartikeya Rindani Cultural Program 2024. 3. Letter Writing Competition 2023 held by the Department of English.	1) 1st rank in Photography : Category - Yellow. 2) Participation Certificate. 3) Participation certificate.
15	Prachi Vasant Pawar	TY BCA (sci)	1) State Level	CATC-703 camp. 1)Tent Pitching competition - 2nd rank 2)Dance Competition-1st rank 3)Drill Competition - 1st rank 4) Map Reading Competition - 1st rank
16	Soham Shrikant Chinchane	TY BCA (SCI)	1 District level NCC Camp	1) CATC-723
17	Aditya Ashok Patil	FY BSC CS	HOCKEY *Intercollege *Zonal	HOCKEY *1st Place *2nd Place
18	Pranav Vijay Sarode	FY BSC CS	HOCKEY *Intercollege *Zonal	HOCKEY *1st Place *2nd Place
19	Gritakshi Srinivas Battula	Fy Bsc CS	1) Kartikeya Rindani Cultural Program 2024. 2) Story Writing Competition 2023 held by the Department of Hindi	1)Participation 2)Participation
20	Pratik Pralhad Tarde	FY BSC CS	HOCKEY *Intercollege	Hockey *1st Place

21	Riya Bhosale	FY BCA(sci)	1.kartikeya Rindani poster 2.Intercollege letter writing 3.Walk-A-Thon	Participation Participation certificate Participation certificate
22	Sharma Khushi Rameshkumar	FY BSc CS	Kartikey Rindani Poster Competition	Second prize
23	Sanika Yashwant Chavan	FY BCA (SCIENCE)	1.kartikeya Rindani poster 2.Intercollege letter writing competition	Participation Participation certificate
24	Vedika Bhamare	Fy bca sci	1. College Nss camp 2. Short story writing Hindi . 3. Election drawing competition through nss. 4. Participated in Rm marathe programming contest.	1.best nss volunteer award 2.1st prize in (Short story writing Hindi) 3. Third prize (Election drawing competition through nss)
25	Mahesh Shukraj Bhorade	M.Sc. Computer Application Part - I	1. Kartikeya Rindani Techno Quiz Competition 2. Annual exhibition and poster competition at Modern College, Shivajinagar 3. Kartikeya Rindhani Scholarship and Intercollegiate Project Competition 4. Vyapar Mela 2024 at Modern College, Shivajinagar 5. Exhibition Competition at Modern College , Shivajinagar 6. Volunteer in Annual exhibition and poster competition 7. Volunteer in Kartikeya Rindhani cultural program 2024	Third prize Second Prize Participation certificate Participation Certificate Participation Certificate Participation Certificate Participation Certificate
	Sharma Khushi Rameshkumar	FY BSc. CS	Kartikey Rindani Poster Competition	Second prize

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Dr.Shilpa Dange Successfully completed online two week Refresher Course in ‘Computer Science’ under the Ministry of Education organized by Teaching Learning Center Ramanujan College	1	from 29 February - 14 March, 2024.
1. Successfully completed UGC MHRD Dr.Pallawi Bulakh completed 1)MMTTC online Refresher course in Foundation of Data Science during 23rd October to 6th November 2023 2. Dr.Pallawi Bulakh MMTTC online Refresher course in Foundation of Data Science during 23rd October to 6th November 2023		
Prof.Meghmala Patil Attended a week Online Faculty Development Program on “ Recent Trends in Artificial Intelligence & Data Science ” organized by, the Dept. of E&TC Engineering, Sinhgad College of Engineering Pune 2 Participated in One Week Online Faculty Development Program on “Implementing IoT & Machine Learning Applications on Raspberry Pi” Organized by Department of Electronics & Telecommunication Engineering in association with Industrial Partner Smart Logic from 3rd – 7th July 2023.		during 4th-28th July 2023

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

- Many staff members also worked as a member of practical Lab book preparation committee
- Practical and theory assignments were given to students
- D-IQAC insures planned educational development
- Faculty members regularly attended the meetings of BOS for Curriculum development organized by the University. The Faculty members suggested the Board of study for applying the CBCS in the curriculum from the next academic session.

6.3.2 Teaching and Learning

- All the lectures are conducted in offline mode
- Demos of programs were given in lab
- Seminars and group discussions are conducted for the students
- Regular classes are conducted in college and students are motivated for better academic performance.

- e. Under the guidance of D-IQAC, department is promoting quality enhancement activities in academics through seminars, workshops, on different subjects.
 - f. Assignments, Class seminars, Handmade notes, Homework, Guest lectures, ICT based teaching, dictations, study tours , Providing Computer Lab, Lectures of Renowned Scholars, Parents-teachers meeting, Feedback forms from students regarding the teaching of the Teachers, Organization of lecture series, seminars of resource persons through Science Association
- 6.3.3 Examination and Evaluation
- a. Online Entrance exam was conducted for Post graduation admission
 - b. Online Internal Exams were conducted for all UG and PG classes
 - c. Case studies were given to students
 - d. All courses internal evaluation was conducted using Credit pattern
 - e. IQAC analyses the university result of students and give suggestions to teachers for improving the result, the answer sheets of the home examination are provided to the students and suggestions are given to improve their result.
- 6.3.4 Research and Development
- a. Teachers are encouraged to participate in Orientation programmes, Research Workshops, Training programmes of Academic Staff college and other institutions
 - b. Motivating teachers for Paper presentations and participations in National/International, State level Conferences and Seminars
 - c. Books are published by the teachers with ISBN nos.
 - d. Papers are presented and published by the teachers in Peer Review Journals, Non Peer Review Journals and conference proceedings both at International, National and State level Seminars and Conferences
 - e. Students are sent to participate at National level conferences, Seminars and Research competitions
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- a. Students are encouraged to use the e-books, e-notes and e-contents provided by staff
 - b. Department is having a separate departmental library
 - c. Increased the numbers of Text books, Reference Books, E-books, CD's, VCD's, in the Library
 - d. Library Resources are provided to the students, teacher for other competitive examinations.
- 6.3.6 Human Resource Management
- a. Shift wise schedule is prepared for the staff members as Morning and the Afternoon shift.
 - b. Incentives were given to the staff members who were awarded as PHD
 - c. Regular rise in salary was given to Adhoc staff members
 - d. CPF facility was introduced
 - e. Birthdays of staff members were celebrated.
 - f. Staff welfare scheme was introduced and staff members were encouraged to be a part of staff welfare scheme.
 - g. CAS is adopted.
- 6.3.7 Faculty and Staff recruitment
- a. Staff workload calculation was done and new staff was recruited based on the workload calculation.
 - b. Non-teaching staff are recruited as per the requirement.
 - c. Staff members are recruited as follows:

- a. Advertisement is published in leading newspapers and on college web-site
- b. Selection committee is constituted
- c. Candidates are interviewed based on the requirements
- d. Candidates are asked to give demo lectures
- e. Demo lectures are observed and final selection report is prepared

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

- a. Online admission process
- b. Entrance exam was conducted
- c. Admissions were offered on their performance in HSC
- d. Merit list is prepared
- e. Counselling sessions were conducted for parent and students
- f. Fees were collected
- g. Second round is conducted if required
- h. UG admission were offered based on HSC marks and PG admissions were offered based on entrance exam and graduation marks

6.11 Activities and support from the Alumni Association

- a. Group discussions, guidance sessions and mock interviews were conducted by past students
- b. Kartikeya rindani competition events were evaluated by past students
- c. Financial assistance for needy students by alumni

6.12 Activities and support from the Parent – Teacher Association

- a. Regular meetings were arranged for parents and students

Parents and students were guided and addressed on carrier opportunities

1.13 Development programmes for support staff

- a. Lab assistant workshops, safety workshops and demos were arranged for non teaching staff to operate fire fighting equipments
- b. Demos are arranged to operate major equipments such as online UPS,generator, main supply controlling, laptop handling,LCD and DLP handling
- c. Office staff was trained to copeup with online applications instituted by parent university such as admission procedure, elligibilty criteria, examinations

6.14 Initiatives taken by the institution to make the campus eco-friendly

- a. No horn Zone
- b. E-waste Collection
- c. E-diaries for Staff
- d. Reducing Paper Work
- e. Monitoring usage of electricity
- f. Say no to Plastic Activity

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

- a. Alumni Guidance
- b. Extra Practical session
- c. Extra seminars for students and staff
- d. Entrepreneurship sessions
- e. Installment facility in the fees for students

- f. Pre placement Activity
- g. Scholarships
- h. Value education programs
- i. Team building activities

7.4 Contribution to environmental awareness / protection

- a. NSS Tree Plantation Activity
- b. Save Water Campaign
- c. Water Recycling

7.6 SWOC Analysis of the Department

Strength

- a. Qualified ,dedicated, Young and enthusiastic staff
- b. Regular lecture and Practical sessions
- c. Collaborative work distribution
- d. Collaboration with faculty expertise
- e. Friendly environment
- f. Stable staff
- g. Branding of the college is important strength
- h. Trust of the stakeholders
- i. Centralized location

Weakness

- a. Have to follow curriculum set by the university
- b. Need some new courses as per the need and interest of the students
- c. In- house quota major constraints

Opportunities

- a. IT hub
- b. Students can complete PG in the same premises
- c. Exposure to students

Plans of Department for next year

- a. Planning of recognized research center
- b. Effective implementation of Autonomous syllabus
- c. Conducting some more employability enhancement programmes
- d. Inculcating Research Environment(aspects) amongst students
- e. Guidance for GRE, TOFEL

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

- At the Department of Computer Science, we strongly believe in achieving excellence in everything we do. We are at par with the changing technology in terms of infrastructure and knowledge. Realizing industry demand, we put in constant efforts in molding futuristic technologists today. Our alumni hold important positions in leading organizations across the globe.
- We offer UG and PG courses in Computer Science and Computer Application. The undergraduate courses conducted by the Department are B.Sc. (Computer Science) and BCA (Science). Admission to these courses is on the basis of their performance at HSC (Science). At the Postgraduate level their performance at the entrance examination is the criteria for admission to M.Sc. (Computer Science) and M.Sc. (Computer Application) courses.
- The faculty members are well qualified, dedicated, focused and highly motivated. They work consistently to take the department forward. Many staff members have published several

books which are widely used by all Computer Science students and also hold positions on several college and University level committees including Board of Studies, syllabi revision committees, paper setting and evaluation panels etc. The Department has well-furnished classrooms and state-of-the-art laboratories.

- We have a dedicated team of IT Experts, alumni and non teaching staff. The active and highly qualified team of faculty members spare no efforts to keep the students well informed and updated with current trends in technology. The students also reciprocate with their high achievements in academics, extra curricular activities and Placements.
- The Department gives quality education to students as well as works for their overall development. Several curricular and co-curricular activities are organized to develop the overall personality of the students. The department also encourages students to enroll in NCC/NSS and participate in various competitions organized by other departments in the college and at other institutions.
- The students of the department are in high demand by the IT industry due to their strong academic foundation combined with excellent technical skills. The department puts in special efforts for the placement activity for undergraduate as well as postgraduate students. We conduct various activities throughout the year to make the students Industry-ready. These include Soft skills training, technical and aptitude test preparations, seminars by leading IT experts, and also provide Project mentorship.
- Several known IT companies conduct recruitment drive every year. To name a few are Tech Mahindra, Quickheal, TCS, CapGemini, Cognizant, Omniscent, Harbinger Systems, Spring CT.
- We are proud that the students opt for our centre with highest priority. As a result, the students of Modern College, Shivajinagar, Pune-5 are at the forefront in the IT field. During their graduate and postgraduate studies they undertake projects which are relevant to the current industry needs. These projects help students to apply their theoretical knowledge to real life situations.
- Through practical demonstrations, Guest Lectures, Group Discussions etc., we bring the latest in computer technology to our students. Co-curricular activities sharpen their minds and other skills that help in their overall development.

Salient Features of the Department

- Established in 1986. Pioneer in the field of Computer Science
- Well equipped Lab with ultra modern facilities
- Young, experienced, qualified and highly motivated staff
- Wi-Fi enabled department
- Strong and active alumni support
- ICT enabled teaching learning infrastructure with digitally equipped classrooms
- More than 95% placement with active placement cell

Activities conducted every year:

- Kartikeya Rindani Intercollegiate Programming and Quiz Contest (29th Feb - 2nd March 2024)
- R. M. Marathe Programming Competition (10th February 2024)
- Soft Skills Workshop (18th -19th October 2023)
- Placement Activity
- Seminars
- Workshop
- Group Discussion
- Mock Interview
- On-line Admission process for all the courses
- Conducting M.Sc. (CS) and M.Sc. (CA) Entrance Examination at Mass Level
- Student/Career Counseling
- "Zaroka" - The Desktop article column

Overview of Major activities:

Kartikeya Rindani Scholarship and Competitions

Since the last 15 years, our department has been organizing the Kartikeya Rindani Memorial Scholarship distribution and Intercollegiate competitions. This year Kartikeya Rindani competition was conducted from 29th February to 2nd March 2024. Programming

and short film competition was an Intercollegiate event. Poster, Programming and Seminar competitions were conducted for students of Modern College of ASC, Pune: 5. Ten students received a Scholarship amount of Rs. 20, 000 each. Some student alumni and staff members also contributed towards the scholarship amount. Prof. Abhijit Sathe worked as the coordinator in organizing this event.

- **R M Marathe Programming Contest**

This year the R. M . Marathe Programming contest was conducted on 10th Feb 2024. More than 100 B.Sc. Computer Science and BCA Science students participated in this contest. Dinesh Chaudhari, SYBSc CS, Div B student was the winner of R. M. Marathe contest. Prof. Madhuri Ghanekar worked as the Coordinator for this event.

- **Soft Skills Workshop**

A two days soft skills workshop was conducted on 19th and 20th October 2023 for students of the Department of Computer Science. Dr. Shaila Bootwala, Principal, Abeda Inamdar College was invited as the chief guest and keynote Speaker. Mr. Anand Parchure delivered a talk on 'Soft skills for working professionals'. Mrs. Amruta Kulkarni delivered a talk on 'Interview techniques and Body language'. Dr. Harish Patankar delivered a talk on Healthcare. Mrs. Mayuri Mehra delivered a talk on 'Meditation and breathing techniques'. Ms. Aruna Kulkarni spoke on 'My mind matters'. Dr. Milind Choudhari delivered a talk on 'Startup and Innovation'.

- **Industrial visit to Tech Mahindra for staff**

On 27th September 2023, Prof. Manisha Suryawanshi, Dr. Kalyani Salla visited Tech Mahindra, Hinjewadi, Phase 3 along with TPO's from Modern College of Engineering. They visited the 'Makers lab' and 'Experience centre' which showcased the Research Projects done by Interns. There were Robots used in Mining operations. The compendium put forth some of the finest work across industries leveraging next-gen technologies like AR, VR, Metaverse, IoT, AI, and 5G coupled with best-in-class research and development in areas of quantum computing, generative AI, neuroscience inspired AI, and more. The meeting concluded with a panel discussion with the Authorities and Experts on how we could provide better opportunities for our students with respect to Training and Placement. Importance of soft skills was emphasized. A Memorandum of Understanding has been signed by our College with Tech Mahindra which is valid from June 2023 to June 2025. This will be beneficial for students of the Department of Computer Science.

- 1) Title of the event: Seminar on 'Amazon services'

Date and Time : 23/08/2023, 2:00 PM to 3:00 PM

Expert Speaker Name, Designation: Mr. Abhijit Patwardhan, Global Engagement Manager at Amazon Web Services (AWS) London, UK

Number of participants: 92

Mode of event: Offline

Description: The session was conducted on Amazon Web services, Free Tier categories such as Web Apps, Dev Ops and Cloud Security. Guidance regarding Placement preparation was given to our M.Sc. Computer Science & M.Sc. Computer Application students.

- 2) Title of the event: Seminar on 'Improving Quantitative and Analytical Skills'

Date and Time :31/08/2023, 11:00 AM to 1:00 PM

Expert Speaker Name, Designation: Prof. V. R. Nanivadekar, Ex-Professor, MIT, WPU

Number of participants: 118

Mode of event: Offline

Description: An interactive session for Improving Quantitative and Analytical Skills was conducted. Problems were given to students and later solution was discussed in order to arrive at the best possible solution in less time.

- **Seminar on 'Amazon Web services'**

A session by Mr. Abhijit Patwardhan, Global Engagement Manager at Amazon Web Services (AWS) London, UK was conducted on 23rd August 2023 on Amazon Web services, Free Tier categories such as Web Apps, Dev Ops and Cloud Security. Guidance regarding Placement preparation was given to our M.Sc. Computer Science & M.Sc. Computer Application students.

- **Seminar on 'Improving Quantitative and Analytical Skills'**

Description: An interactive session on 'Improving Quantitative and Analytical Skills' was conducted on 31st August 2023 by Prof. V. R. Nanivadekar, Ex-Professor, MIT, WPU. Problems were given to students and later solution was discussed in order to arrive at the best possible solution in less time.

- **Seminars by Faculty Members**

Prof. S.S. Deshmukh, Vice-Principal and Head, Department of Computer Sc. conducted guidance sessions for our M.Sc. Computer Science and M.Sc. Computer Application students undergoing Industrial Training.

Placement Co-ordinator Prof. Mrs. Manisha Suryawanshi conducted a seminar on 'Placement Guidance and Career Opportunities'

Activities and support from the Alumni:

- Past students have supported the placement of the current batch students in reputed IT Industries and in offering training programs
- Project guidance is made available from Alumni to the students in the form of lectures, project guidance and by conducting counseling sessions
- Group Discussion and Seminars Group discussion sessions of the present students were arranged and seminar sessions of past students are arranged on every Saturday on different topics.
- Mock Interviews were conducted by the past students who are working in reputed IT Industries for the current batch students to face the challenges of present competitive world and to make them mentally prepared for the competition.

Alumni of Computer Science Department:

The brilliant students of our department are working at high position in various fields like Science and Technology, Research, Business, Banking, Industries, Education, Engineering, Medicine and Administrative Services etc. Some of them often visit our college and encourage and guide present students.

Special achievement of Teaching and Non Teaching staff members:

- **Prof. S.S. Deshmukh**

- 1) Elected unopposed as Secretary of Progressive Education Society from 1st January 2024 to 31st December 2028
- 2) Nominated as a Member BOS (Computer Science) DES Pune University
- 3) Nominated as a Member BOS (Computer Application) JSPM Autonomous College.
- 4) Nominated as a Member, Academic Council, Indira College of Commerce and Science (Autonomous)
- 5) Nominated as a Member, Academic Council, News Arts, Science and Commerce College, Ahmednagar.
- 6) Nominated as a Member, Academic Council, Tuljaram Chaturchand College, Baramati.

- **Prof. Manisha Suryawanshi**

- 1) Invited as a Judge for Project Competition in MMCC College, Pune.
- 2) Worked as Co-ordinator for Project Competition in Kartikeya Rindani Competition, February 2024.
- 3) Actively Participated in BOS as a member for Syllabus designing for UG and PG Courses under the NEP scheme on March/ April 2024.
- 4) Organised an Industry visit to Tech Mahindra, Hinjewadi, Pune
- 5) Presented a Poster at S20 conference, @IITM
- 6) Guided students for Avishkar Competition.
- 7) Worked as Advisor for a 2 day workshop on Soft Skills and also for Student Collection Activity.

- **Prof. Dr. Shilpa Dange**

- 1) Successfully completed online two week Refresher Course in 'Computer Science' under the Ministry of Education organized by Teaching Learning Center Ramanujan College from 29 February - 14 March, 2024.

- **Prof. Dr. Kalyani Salla**

- 1) Completed certification in Data Science from ExcelR solutions (online mode) with Distinction grade as required for research work.

- 2) Worked as a Judge for Programming competition in Interaction 2024.
- 3) Actively working as a BOS member, Computer Application at RMACS.
- 4) Industry visit to Tech Mahindra, Hinjewadi, Pune.
- 5) Worked as Resource person for a session in 'Careers in Computer Science and IT' in a workshop organized by Hutchings Junior College, Pune.
- 6) Worked as Coordinator for organizing a session on 'Enhancing Analytical and Quantitative Skills' for UG and PG students of Department of Computer Science.
- **Prof. Sonali Deshmukh**
 - 1) Published book on Research Methodology with Vision Publication
- **Prof. Meghmala Patil**
 - 1) A chapter entitled " A STUDY ON DATABASE OPTIONS IN THE CLOUD " published By Iterative International Publishers (IIP) in book series "Futuristic Trends in Information Technology Volume 3 Book 1"
 - 2) Participated and presented a poster in International Conference on Advanced Agricultural Technologies during International Conclave on Futuristic Farming scheduled on December 20-21, 2023
 - 3) Published a book on 'Cloud Computing' for MCA students.
- **Prof. Sanjay Mahajan**
 - 1) Created YouTube videos for academic syllabus and current trends in IT and has 600 + subscribers
- **Dr. Pallawi Bulakh**
 - 1) Organized and conducted Soft Skill workshop for PG Students.
 - 2) Published a paper on "Enhancing medical Image analysis through Deep Learning Based Lesion Detection" (Scopus Indexed) in international journal of Intelligent Systems and Applications in Engineering. Vol.12, Issue 2s, PP 27-36, 2024.
 - 3) Published a book for Symbiosis International University as Study and Learning material with ISBN.
 - 4) Successfully completed UGC MHRD MMTTC online Refresher course in Foundation of Data Science during 23rd October to 6th November 2023
 - 5) Published Research paper in UGC approved Journal
 - 6) Completed Refresher course in 'Computer Science'
 - 7) Worked as Coordinator for organizing a Workshop on 'SoftSkills' for PG students of Department of Computer Science

Students Achievements : June 2023 - May 2024

Zonal/State/National/ International : Details of Prize/ Participation

- 1 Pranit Patil, F.Y.B.Sc. CS – Inter College Softball, Baseball competition – 1st place in Softball, Baseball
- 2 Samruddhi Shivaji Mohol, F.Y.B.Sc.C.S. – VOLLEYBALL – *Intercollegiate - 1st Place *Interzonal - 1st Place *U-18 State - 3rd Place * West Zone - Participation *Ashwamedh - 1st Place *U-21 State -2nd Place
- 3 Shivam Dipak Bhukan, FY.BSC.CS –
 1. Inter College Cricket Competition - Participation
 - 2.Kartikeya Rindani Cultural Program 2024 Quiz Competition - Participation
 - 3.Kartikeya Rindani Cultural Program 2024 Programming Competition - Participation
 - 4.Poster Making Competition By Science Association - Participation
 - 5.Walk-A-Thon Competition - Participation
 - 6.Pune Pustak Mahotsav - Participation
- 4 Yash Dnyaneshwar Bunage, FY.BSC.CS
 1. Poster Making Competition By Science Association - Participation
 2. Walk-A-Thon Competition - Participation
 3. Pune Pustak Mahotsav - Participation
- 5 Ajay Koli, TY BCS
 - National - All India YACHTING REGATTA Camp (All India Rank 2)
- 6 Vaishnavi Lashkare, SY BCA Intercollege competition and Vidyarthi Sahayyk Samiti Annual Sports - 3rd rank in UG poster competition by science association modern college, and 3rd rank in badminton by vidyarthi Sahayyk Samiti Annual Sports March 2024.
- 7 Anand Sarolkar, TYBCA

- InterCollege Project Competition Held By CS Department Modern College - 1st Rank
- 8 Vaishnavi Anant Yawale, SY BCA
State Level Theater Competition Firodia karandak Inter College competitions by Science Association and CS Department of Modern College – 1st rank in poster competition held by science association modern College. 2nd rank in poster competition held by cs department (Kartikeya Rindani event)
 - 9 Siddhesh Santosh Chalke, TYBCA (Sci.) National – AFMC attachment Camp (ARMY SOUTHERN COMMAND)
 - 10 Harshraj Subhash Shinde, FY BSC CS Inter College Kho-Kho Competition – 3rd rank
 - 11 Amruta Hanmant Mane, FY BCA (Sci.)
1) Annual festival 'Ekatvam' 24 College competition by Political Science Department of Modern College.
2) Kartikeya Rindani Poster Competition - 1st rank in poster competition held by political Science Association Modern College – Participation
 - 12 Mohini Chaudhari, M.Sc. CA Part 2 Best Student Trophy, Kalasaptah 2023 by Art Circle – Best Student Trophy contest 2023-24 from Postgraduate Wing.
1st rank in Mehendi Competition.
1st rank in Poster Competition.
2nd rank in Rangoli Competition.
 - 13 Sanika Mahesh Kulkarni, FY BCA Sci. Intercollege Competition held by CS department and department of Animation – 2nd rank in poster competition held by cs department(kartikeya rindani competition)
 - 14 Shruti Sameer Deshpande, FY BSC CS
1. Kalasaptah 2023 by Art Circle – 1st rank in Photography : Category - Yellow.
2. Kartikeya Rindani Cultural Program 2024 – Participation Certificate.
3. Letter Writing Competition 2023 held by the Department of English – Participation certificate.
 - 15 Prachi Vasant Pawar, TY BCA (Sci.)
1) State Level – CATC-703 Camp.
1) Tent Pitching competition - 2nd rank
2) Dance Competition-1st rank
3) Drill Competition - 1st rank
4) Map Reading Competition - 1st rank
 - 16 Soham Shrikant Chinchane, TY BCA (Sci.)
1 District level NCC Camp – 1) CATC-723
 - 17 Aditya Ashok Patil, FY BSC CS – HOCKEY
*Intercollege - 1st Place
*Zonal - 2nd Place
 - 18 Pranav Vijay Sarode, FY BSC CS
HOCKEY
*Intercollege - 1st Place
*Zonal - 2nd Place
 - 19 Gritakshi Srinivas Battula, F.Y.B.Sc. CS
1) Kartikeya Rindani Cultural Program 2024 - Participation
2) Story Writing Competition 2023 held by the Department of Hindi - Participation
 - 20 Pratik Pralhad Tarde, FY BSC CS
HOCKEY - *Intercollege - 1st Place
 - 21 Riya Bhosale, FY BCA (Sci.)
1. Kartikeya Rindani poster competition - Participation certificate
2. Intercollege – letter writing competition - Participation certificate
3. Walk-A-Thon - Participation certificate
 - 22 Sharma Khushi Rameshkumar, FY BSc CS Kartikey Rindani Poster Competition – Second prize
 - 23 Sanika Yashwant Chavan, FY BCA (Sci.)
1. Kartikeya Rindani poster competition - Participation
2. Intercollege letter writing competition - Participation certificate
 - 24 Vedika Bhamare, FYBCA Sci.

1. College Nss camp - Best NSS volunteer award
 2. Short story writing Hindi - 1st prize in (Short story writing Hindi)
 3. Election drawing competition through NSS - 3. Third prize (Election drawing competition through NSS)
 4. Participated in Rm maratthe programming contest.
25. Mahesh Shukraj Bhorade, M.Sc.
Computer Application Part - I
1. Kartikeya Rindani Techno Quiz Compitition - Third prize
 2. Annual exhibition and poster competition at Modern College, Shivajinagar - Second Prize
 3. Kartikeya Rindhani Scholarship and Intercollegiate Project Competition - Participation certificate
 4. Vyapar Mela 2024 at Modern College, Shivajinagar - Participation certificate
 5. Exhibition Competition at Modern College, Shivajinagar - Participation certificate
 6. Volunteer in Annual exhibition and poster competition - Participation certificate
 7. Volunteer in Kartikeya Rindhani cultural program 2024 - Participation certificate
26. Sharma Khushi Rameshkumar, FYBSc. CS Kartikeya Rindani Poster Competition - Second prize
- **Research Profile:**
There has been a rise in Ph.D., M.Phil., and NET/SET qualified staff members. Current Research publication details are as follows:
 - Ph.D. Awarded: 3, M.Phil. Awarded: 5
 - NET/SET qualified: 8
 - Total Research papers published: 38
 - Books published: 12
 - Number of Citations in all: 30
 - Academic Publications: Text Books: 30

Placement service provided to the students:

- Department of Computer Science has a Placement Cell and runs placement activity through a Placement Cell for Post-Graduate Students and Under-Graduate Students. Prof. Manisha Suryawanshi has been working as a Placement Co-ordinator and Chairperson of the Placement Committee for the placement activity under her able guidance 95% of students from the Post-Graduate wing M.Sc. (Computer Science), MSc (Computer Application) are placed in reputed organizations.
- Staff members have actively participated in the online admission process of F.Y.B.Sc. (Computer Science), FYBCA (Science), M.Sc. (Computer Science) and M.Sc. (Computer Application) courses
- A committee was constituted for conducting M.Sc. (Computer Science) and M.Sc. (Computer Application) Entrance Examinations. Prof. Dr. G. R. Ekbote (Chairman, P.E. Society) Prof. P. S. Chirputkar (Chairman, LMC), Dr. A. K. Pande (Chairman, LMC), Prof. Mrs. Jyostna Ekbote (Chairperson, LMC) Principal Dr. R. S. Zunjarrao (Chairman of the Entrance Examinations Committee) provided necessary guidance and administrative support in organizing the entrance examinations smoothly

Apart from the several events and activities conducted by our department every year, we wish to organize some more Workshops, Seminars and Conferences in future. We plan to conduct some more fruitful employability enhancement programs for our students. We plan to increase the number of M.Phil., Ph.D. and NET/SET qualified staff. We feel confident about reaching higher targets within time due to our active, dynamic and highly skilled faculty members and constant support received from college authorities and our parent body Progressive Education Society.

- **Prof. S.S. Deshmukh**
[Vice Principal and Head
Department of Computer Science]

Department of Electronic Science

PART A

Department Name: **Electronic Science**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Prof. D.B.Gaikwad	HoD & Chairperson of DIQAC	9881509515	hodelectsci@moderncollegepune.edu.in
2	Prof. Dr. M. R. Bodke	Member 1	9049583785	bodkeelectsci@moderncollegepune.edu.in
3	Prof. Dr. P. S. Varade	Member2	9822856527	varadeelectsci@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: Faculty - 18

Non-Teaching Staff 11 Students Alumni Others

2.13 Seminars and Conferences (only quality related) : NIL

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes : NIL

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- Workshops were conducted for UG and PG Students.
- Study tour was organized to GOA for UG and PG students.
- Power point presentation competition was organized for F.Y.B.Sc. students.

2.15 Plan of Action by DIQAC/Outcome: NIL

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	--	1	--
PG	1	--	1 (M.Sc)	--
UG	1	--	1 (B.Sc(CS))	--
PG Diploma	-	--	-	--
Advanced Diploma	-	--	-	--
Diploma	-	--	-	--
Certificate	-	--	-	--
Others	-	--	-	--
Total	3	NIL	3	NIL
Interdisciplinary	-	--	-	--
Innovative	-	--	-	--

1.1.2 Number of Programmes where syllabus revision was carried out during the year: 3 (B.Sc., B.Sc.(CS) and M.Sc.)

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - **NIL**

1.2.1 - Number of new courses introduced across all programmes offered during the year - **NIL**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System – **NIL**

1.2.3 Details of value-added courses for imparting transferable and life skills offered during the year –**NIL**

1.3.2 Field Projects / Internships under taken during the year - **NIL**

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) : 100%

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
11	11	LCD projector, Simulation s/w, Virtual Labs,, Laptops, EBooks,	2	1	Simulation s/w, Laptops, EBooks

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
08	06	02	--	00

2.2 No. of permanent faculty with Ph.D.: **03**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
--	---	--	---	--	---	--	---	--	---

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure.

2.4.2 Honours and recognitions received by teachers -

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies

2023-24	Prof. A.V.Kamble	Assistant Professor	Received patent (Certificate of Registration of Design) from Patent Office , Government of India
2023-24	Dr. P.S.Varade	Assistant Professor	1. Received State Level Award (2021-22) as Best NSS Programme officer 2. Nominated as BOS member in the subject of Electronic Science , Ramkrishna More ASC , Akurdi 3. Received Ph D guideship in Electronic Science by SPPU. 4. Appointed as NSS District Coordinator for Pune District (Urban Section)
2023-24	Dr. M. R. Bodke	Assistant Professor	Nominated as BOS member in the subject of Electronic Science by SPPU.
2023-24	Dr.V.M. Bapat	Associate Professor	Received Approval as a Principal for the period of 5 years from SPPU

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	01	04	03
Presented papers	NIL	NIL	NIL
Resource Persons	NIL	NIL	NIL

Pl. Provide the scan copies of participation certificates as annexure ()

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Use of IoT Based Virtual /Hybrid Electronics Laboratory.
- Demonstrations of lab experiments virtually using Proteus, Xilinx, Keil software.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member :

Sr. No.	Name of the staff member	Role	Date of the workshop/Meeting
1	D.B.Gaikwad	BOS Chairman Electronic Sc, MCASC	20/5/2023,3/6/2023, 1/7/2023, 9/3/2024 and 14/05/2024
2	Dr. M.R.Bodke	BOS Member, Ele.Sc. MCASC and SPPU	08/06/2023,27/06/2023, 18/07/2023,07/12/2023, 13/04/2024 and 16/05/2024
3	T.B.Sonawane	BOS Member Electronic Sc, MCASC	Same as row1
4	T.R.Kumbhar	BOS Member Electronic Sc, MCASC	Same as row1
5	A.V.Kamble	BOS Member Electronic Sc, MCASC	Same as row1

6	R.V.Vidap	BOS Member Electronic Sc, MCASC	Same as row1
7	Dr.P.S.Varade	BOS Member Electronic Sc, MCASC	Same as row1
8	V.A.Chaudhari	BOS Member Electronic Sc, MCASC	Same as row1
9	G.M.Tarate	BOS Member Electronic Sc, MCASC	Same as row1
10	Dr.V.M.Bapat	BOS Member Electronic Sc, MCASC	Same as row1

2.10 Average percentage of attendance of students 86%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Through Continuous Internal Evaluation process ,
- Through Assignments of specific topics

2.13 Initiatives undertaken towards faculty development by the department: **NIL**

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	--
Others (Faculty Development Workshop on Education 4.0)	--

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1	-	-	-
Technical Staff	-	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year - **NIL**

3.2.3 - Number of teachers recognised as research guides: **02**

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis

Dr. Milind R Bodke	Ph. D. December 2016	Yes	September-2020 (Physics) & January - 2022 (Electronic Science)	Yes	Tanaji Bhimrao Sonawane	03/11/2023	Investigation on Electronic applications of MXene Nanocomposite
					Sandip Kachru Thorat	01/08/2023	Study of effect of magnese doped Ni/NiO Nanostructures for optoelectronic applications
					Sameer Vasant rao Nimbhore	07/11/2023	Synthesis of Metal Oxide Semiconductor (MOS) thin films for Gas sensing application
Dr.P.S.Varade	Ph.D. Feb. 2019	Yes	22 May 2023	Yes	NA	NA	NA
Dr.V.M.Bapat	Ph.D. 2017	No	No	Yes	NA	NA	NA

3.3.1 Incentive to the teachers who receive recognition/awards : **NIL**

3.3.2 Ph. Ds awarded during the year :

Name of the Department	No. of Ph. Ds Awarded
Department of Electronic Science	01

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

- Few guidance cum inspirational lectures was organized for PG and Ph. D. Students of the department.

3.2 Details regarding major projects: **NIL**

3.3 Details regarding minor projects : **NIL**

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	3	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

Please provide the information in following format as annexure

Please provide scan copies of the papers published as annexure (Available as pdf)

3.3.3 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	NIL	NIL	NIL
International	Electronic Science	03	

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Developed of an automated irrigation system for sugarcane crops	M R Bodke P.S.Varade	EuR.ChemBoo l	2023		Dept. of Electronic Science, Modern College Shivajinagar , Pune-05, India.	
Wearable Health Monitoring System based on Human Sweat Analysis using Electrochemical Sensors	M R Bodke	Romanian Journal of BioPhysics	2023			
Cadmium Hydroxide Nanowires for High Performance Super Capacitor by Chemibath Deposition	M R Bodke	ES Energy and Environment	2024			

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science):

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: **NIL**

3.7 No. of books published i) With ISBN No. -- Chapters in Edited Books
ii) Without ISBN No.

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year : **NIL**

3.10 Consultancy provided by the Department: **NIL**

3.11 No. of conferences organized by the Department: **NIL**

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1.	Dr. P.S.Varade	Resource Person	Induction program for NSS volunteers at A.Garware Commerce College , COEP and Arihant ASC Pune NSS Camp of P Jog College

3.13 Details of collaborations : **NIL**

3.14 Details of linkages created during this year :**NIL**

Type of Patent	Name of Staff Members(s)		Number
National	A.V.Kamble	Granted	394793-001 Dated 10/9/2023
International	-	Applied	--
		Granted	--
Commercialised	--	Applied	--
		Granted	--

3.16 No. of patents received this year: **01**

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year: **NIL**

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them:

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
01	Dr. M. R. Bodke	Savitribai Phule Pune University, Pune	Tanaji Bhimrao Sonawane	2023
			Sandip Kachru Thorat	2023
			Sameer Vasantryao Nimbhore	2023

3.19 Details of Ph.D. students registered in research centres :

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
01	Bhusnar Nagnath	Dr.Pravin K.Bhadane and Dr. M.R.Bodke	18/05/2016	Ph.D. Thesis submitted
02	Pagare Vandana	Dr.PravinK.Bhadane and Dr. M.R.Bodke	18/05/2016	Ph.D. Thesis submitted
03	Menon Anita Vinod	Dr.M.P.Ghatule	15/09/2015	Ph.D. Thesis submitted
04	Divatankar Swati N.	Dr.M.P.Ghatule	21/02/2015	Awarded 25/01/2024
05	Dhake Prashant	Dr.M.P.Ghatule	25/02/2020	—
06	Tanaji Sonawane	Dr. M.R.Bodke	03/11/2023	--
07	Sameer Vasantryao Nimbhore	Dr. M.R.Bodke	07/11/2023	--

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other): **NIL**

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year : **NIL**

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops :01	---	06	--	--
Presented papers	--	--	--	--
Resource Persons	--	--	--	--

3.5 Collaborations NIL

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year : **NIL**

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year : **NIL**

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year : NIL				

3.6.1 Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact there of during the year: **NIL**

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	36	03	Yes	NA	NA	NA	NA		–
Added	00	00							
Total	36	03	Yes	NA	NA	NA	NA		–

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services: **NIL**

5.2 Efforts made by the Department for tracking the progression: **NIL**

UG	PG	Ph. D.	Others

5.3 (a) Total Number of students

(b) No. of students outside the state - 02 (T.Y.B.Sc.) - 01 (F.Y.BSc.) F.Y.B.Sc.(CS)- 01

Men – 02 Women: 02

(c) No. of international students - F.Y.B.Sc.(CS)- 01

Men	–	01	No	%	Women: NIL

5.2.1 - Number of outgoing students who got placement during the year :

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Siddhesh V Hadawale	M.Sc.	Borocil Scientific Ltd.	5.1 Lakh
Gautami Bhosale	B.Sc.	Wipro Ltd.	2.4 Lakh
On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
NIL	NIL	NIL	1+

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template): **NIL**

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

5.6 Details of student counselling and career guidance :NA

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities :**NO**

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) :NA

5.11 Student organised / initiatives: **NIL**

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies : NA		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year : NIL		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year: 6		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Exploring the use of AI tools in Research	1	8-13 April 2024
NEP2020 Orientation and Sensitization	1	15-29 Dec 2023
Management Development and Academic Leadership	1	1-7 Dec 2023
AI and Science	1	17-29 July 2023

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: **NIL**

6.3.2 Teaching and Learning - **Preparation of e-contents of the courses such as PPTs**

6.3.3 Examination and Evaluation – **CIE implementation**

6.3.4 Research and Development - **NIL**

6.3.5 Library, ICT and physical infrastructure / instrumentation – LCD Projector

6.3.6 Human Resource Management - **NIL**

6.3.7 Faculty and Staff recruitment - **NIL**

6.3.8 Industry Interaction / Collaboration - **NIL**

6.3.9 Admission of Students - **Conducting entrance examination for admission to M.Sc. (Electronic Sc)**

6.11 Activities and support from the Alumni Association- **NIL**

6.12 Activities and support from the Parent – Teacher Association- **NIL**

6.13 Development programmes for support staff - **NIL**

6.14 Initiatives taken by the institution to make the campus eco-friendly- **NA**

Criterion – VII

7. Innovations and Best Practices :

7.3 Give Best Practices of the Department :

- *Preparation of Inhouse lab manual for Practical course,*
- *Designing and development of Experimental kits*

7.4 Contribution to environmental awareness / protection

Collecting e-Waste from the department .

7.6 SWOC Analysis of the Department

Strengths

- State of Art laboratories
- SPPU Approved Research Centre
- Diversified Industry connect
- Staff members involvement as Resource person in various Workshops.
- Representation of staff as a BOS member at SPPU
- Faculty involvement in Examination work of SPPU and other autonomous institutes/ Deemed University
- Faculty involvement in Syllabus Framing at UG & PG Level
- Research Funds received from various Agencies
- Faculty members are involved in active research and are publishing research papers/articles in recognized Journals
- Infrastructure funds received from FIST:DST; CPE:UGC, BSR:UGC
- Organizes project competition for B.Sc. And M.Sc. Students
- Student progression seen from entry level to exit level
- Staff members are associated members of SPEED
- Encouraging students for participation in EEE Examination organized by SPEED
- Excellent collection of E-Books
- Laboratory manuals are written and compiled by the teaching staff
- In-house design & development of experimental kits
- Strong Alumni support
- Staff members are conversant with advanced technology in teaching, e-content development.

Weakness:

- Laboratory space constraints
- Non Qualified Technical Assistant
- Teaching staff is loaded with additional responsibilities
- Lack of pre-placement activities at UG level

Opportunities:

- Academically sound students are turning for Basic Science Education
- Academic Autonomy
- Online Teaching and Online Exam
- Exposure to Industrial environment and research institutes
- Association & Linkages with Industry components and Research institutes

Challenges:

- Establishment of private universities
- Students preferences towards professional courses
- Job opportunities for B.Sc. and M.Sc. students
- Implementation of NEP 2020

- Pace up with latest technology and environment
- Availability of financial support for Inhouse resource development

8.Plans of Department for next year:

- Development of laboratory infrastructure for research
- To inculcate Research Culture among UG & PG students by applying to different funding agency (UGC,DST,BCUD) for carrying out small projects.
- To start skill based add-on courses for UG & PG students
- Enhance the Departmental Training& Placement activity cell.
- Industry collaboration through MoU
- Implementation of Embedded systems as one of the elective subject at Third Year B.Sc(Computer Sc.) UG Level.
- Enhance the Collaborations and linkages with Industry component.
- Design a Bridge course to reduce the Gap between Industry and Academia.
- Organising Project Competition.
- Enhance Research activities among students and Teachers.

Name 1: Prof. D.B.Gaikwad

Name2 : Dr. M R.Bodke

Name 3 : Dr. P.S.Varade

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Annexure:

- Attach the Academic Calendar of the year as Annexure.
- Field Projects / Internships under taken during the year: **Certificates are available**
- **Details on research publications in current academic year**

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
01	Dr M. R. Bodke	Wearable Health Monitoring System based on Human Sweat Analysis using Electrochemical Sensors	Romanian Journal of BioPhysics	2023	
02	Dr. M. R. Bodke	Cadmium Hydroxide Nanowires for High Performance Super Capacitor by Chemibath Deposition	ES Energy and Environment	2024	
03	Dr. M. R. Bodke, Dr. P. S. Varade	Development of an Automated Irrigation System for Sugarcane Crops	Eur. Chem. Bull ISSN 2063-5346	Special Issue 10 10 th July 2023	

•

- **No of Visiting and Temporary faculties in the Department of Electronic Science**

Sr. No.	Name of the Faculty	Position
1.	Mr. Gajanan Tarate	Temporary Faculty
2.	Ms. Vaishali Chaudhari	Temporary Faculty
3.	Ms. Aditi Londhe	Temporary Faculty

The Department of Electronic Science of the college is actively engaged in various academic, curricular and extracurricular activities during the year. The department runs Electronics from XI-XII (Bifocal – Electronics) to Ph.D. degree, with a total 633 students enrolled this year. Students are pursuing research work at Post Graduate Research Centre recognized by Savitribai Phule Pune University in Electronic Science. **Our student of the Research Centre, Divtankar Swati N. awarded Ph.D. in January 2024.** Prof. Kamble A.V. received Certificate of registration for his patent “AUTONOMOUS EXPLORATION AND ANALYTICAL ARCHEOLOGICAL ROVER on 10/09/2023.

[A] Activities conducted during the year

- The department organized a welcome function for F.Y B.Sc. (2023-24) students with Electronics Science as a major subject on 29th August 2023.
- The Research Laboratory and Renovated General Laboratory inaugurated on 23rd October 2023.
- Students of F.Y, S.Y. and T.Y.B.Sc. (Electronic Sc.) and Prof. A.V. Kamble, Prof. A.S. Londhe visited NCRA, Khodad on 28th and 29th February on the occasion of Science Day.
- Organized two One day Workshops on “PCB Design”
First One day workshop on PCB designing using Eagle software organized on 16th September 2023. We invited Mr. Umesh Kothavade (Embedded Architect- Dhi Energy Solutions Pvt. Ltd.) as a resource person for the workshop. Thirty-eight students of U.G. and P.G. Electronic Science participated in this workshop.
Second One day workshop on PCB design was organized on 2nd March 2024. In workshop 18 Students from U.G. and P.G. were participating. Prof. T.B. Sonawane worked as a resource person.
- Completed Academic and Administrative Audit (2022-23) on 17th February 2024. Dr. Vikas L. Mathe, Head, Department of Electronic and Instrumentation Science worked as an expert for the audit.
- A Study Tour was arranged from 5-9 February 2024 to visit Electronics industries and research institutes in Goa. 19 Students and 5 Staff members including one non-teaching staff participated in this study tour.

[B] Research, Paper Presentation by Staff Members

Dr. M.R. Bodke – Published research paper “Cadmium Hydroxide Nanowires for High Performance Supercapacitor by Chemical Bath Deposition” in ES Energy and Environment 2024 (IF. 2.9)

Research Student Activities:

- Mrs. Vandana Pagar and Mr. Nagnath Bhusnar have submitted their Ph. D. Thesis to SPPU. The Ph. D. work has been carried out under the guidance of Dr. Milind Bodke.

[C] Achievements by students

1. Priti Kale, M.Sc. II student selected for Zonal Level Avishkar an Inter-University Research Project Competition for a Project entitled “Airbag Protection for Elderly People” held on 9th November 2023 at SPPU, Pune
2. Mr. Rushikesh and Harshad Ahir (F. Y. B. Sc) assisted in the smooth conduction PCB designing workshop organized for T.Y.B.Sc. and M. Sc. students.

[E] Achievements by staff members

1. Prof. D.B.Gaikwad –

- Worked as coordinator and resource person in one day workshop on Robot using 8051, conducted on 7th September 2023.

2. Dr. M.R.Bodke –

- Nominated as Electronic Science BOS member for Savitribai Phule, Pune University, Pune.
- Ph. D. thesis of two students have been submitted to SPPU for award of Ph. D. degree in Electronic Science.
- Two students have been registered for Ph. D. degree in Electronic Science.
- The Study Tour was arranged from 5-9 Feb 2024 to visit Electronics industries and research institutes in Goa State.
- Worked as coordinator in PowerPoint Presentation Competition on Electronics Topics , conducted on 18 and 19 Oct 2023.

3. Prof. T.B.Sonawane –

- Worked as Study Tour In charge for a visit to Electronics industries and research institutes in Goa State on 5-9 Feb 2024.
- Worked as a resource person for a One day workshop on PCB design organized on 2nd March 2024.
- Registered for Ph. D. Degree in Electronics at the Department of Electronics Science Research center.
- Worked as a member of the admission committee for the F.Y.B.Sc. NEP 2020 admission form May 2023 to July 2023.

4. Prof. A.V.Kamble

- Second patent got granted on 4/11/2023
- Appreciation from NCC, Maharashtra. Four cadets from our college were selected in the RD parade 2023.
- Invited as a judge for “patriotic songs competition” in Modern Primary School, Shivajinagar Pune 5.
- Won third prize for acting in a play reading competition organized by Rotary Club.

5. Dr. P . S. Varade

- Received the State level Best NSS Programme Officer award from the Government of Maharashtra for the academic year 2021-22.
- Received Ph. D. guideship in Electronic Science from SPPU.
- Actively participated in the “Meri Mati Mera Desh” programme at New Delhi.
- Participated in the ‘Guinness World Record’ programme at Fergusson College.
- Completed online ‘Artificial Intelligence and Science’ refresher course organized by Mumbai University in July 2023.
- Appointed as NSS District Coordinator for Pune District (Urban).
- Worked as a resource person for the NSS induction programme organized by Garware College of Commerce and COEP Technology University, Pune.

6. Dr. V.M.Bapat

- Received approval from SPPU as Principal of PES's Modern College of Arts, Science & Commerce, Warje on 16/1/2024 for the period of 5 Years.
- Worked as Principal Investigator (PI), in Two Projects: “Design & Development of Smart Medicine Box for Elderly People” and “Airbag Protection System for Elderly People” under Yuva Sanshodhak Scheme (YSS) of college. Guided two groups M.Sc.-II students Priti Kale and Tanvi Phadke and Krupa Nandoskar and Kunal Deshmukh. They also Participated in Avishkaar and Inter-University Research Project Competition organized by SPPU in November 2023.

- Completed the One-week Faculty Development Programme on NEP 2020 Orientation and Sensitization under “Malaviya Mission Teacher Training Programme (MM-TTP)” of University Grants Commission (UGC) Organized by UGC -Malaviya Mission Teacher Training Centre (Formerly UGC- Human Resource Development Centre) Savitribai Phule Pune University, Pune -411007 from 15/12/2023 To 29/12/2023.
- Attended a One week Online National Level FDP on “Exploring the Use of Ai Tools in Research” during 8th to 13th April 2024 organized by Gokul Global University, Sidhpur, Gujarat.
- Attended One Week National Level Faculty Development Programme on “Management Development and Academic Leadership” conducted by A.C.T Academy, Tamilnadu from 1st December 2023 to 7th December 2023.
- Delivered a Guest Lecture on “Internet of Things and its Applications” on 13th February 2024 at Dr. D.Y. Patil College of Arts, Commerce & Science, Pimpri, Pune.

7. Prof. R.V.Vidap

- Attended Two-day workshop on Bootcamp on IoT on 8th and 9th September 2023 organized by MES Senior College Pune

8. Prof. G.M.Tarate

- Delivered lectures on “Fundamentals of PLC and Its Application”
- The Study Tour was arranged from 5-9 Feb 2024 to visit Electronics industries and research institutes in Goa State.

9. Prof. A.S.Londhe

- Attended Two-day workshop on Bootcamp on IoT on 8th and 9th September 2023 organized by MES Senior College Pune
- The Study Tour was arranged from 5-9 Feb 2024 to visit Electronics industries and research institutes in Goa State.

10. Yogesh Sonawane

- Appreciated as BEST BLO on 25/1/2024 by Voting Registration Officer Shivajinagar Assembly Constituency for 2023-24.

- Prof. D. B. Gaikwad
Head, Dept. Electronic Science

Department of Mathematics

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **Mathematics**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. A. N. Bhavale	HoD and Chairperson of DIQAC	9890446339	hodmaths@moderncollegepune.edu.in
2	R. K. Gawade	Member 1	9673721498	gawademaths@moderncollegepune.edu.in
3	Mrs. S. N. Gajul	Member2	9623284886	gurrammaths@moderncollegepune.edu.in
4	P. V. Gadagkar	Member 3	9890400444	gadagkarmaths@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders:

Faculty: **10**

Alumni

Others

2.13 Seminars and Conferences (only quality related) - NIL

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos.

International

National

State

Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year :

Celebration of National Mathematics Day on 22nd December 2023.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

*** Attach the Academic Calendar of the year as Annexure.**

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1		1	
PG	1		1	
UG	1			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	3		2	0
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year : 2

(FYBSc NEP 2.0, S.Y.B.Sc. NEP 1.0, M.Sc. II NEP)

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : 01 (OJT for MSc. I)

1.2.1 - Number of new courses introduced across all programmes offered during the year : Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS) / Elective Course System : 2

1.3.2 Field Projects / Internships under taken during the year :

Project/Programme Title	No. of students enrolled for Field Projects / Internships
OJT for M.Sc. Part I at UpThink Edutech	10

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
11	11	Notes in Digital Library. PPT presentation	5	0	-

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
6	5	1	-	

2.2 No. of permanent faculty with Ph.D. : 03

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
5	0	1	1	0	0	0	0	6	1

2.4 No. of Guest and Visiting faculty and Temporary faculty : 0+1+5

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year):

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2024	DR. MRS. POOJA PARATANE	ASSISTANT PROFESSOR	PATENT FOR POST RESULT ANALYSIS TECHNIQUE BY GOVT. OF INDIA.

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		2	1
Presented papers	3		
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning: Nil

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member : 08

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr A N Bhavale	Chairman, BoS	15 May 2024
2	Mr.D S Mane	Member, BoS	
3	Mr.P V Gadagkar	Member, BoS	
4	Dr. Mrs. P. M. Paratane	Member, BoS	
5	Dr. Mrs. N. H. Mahajan	Member, BoS	
6	Mrs. M. S. Rane	Member, BoS	
7	Mr. R. K. Gawade	Member, BoS	
8	Mrs. S. N. Gajul	Member, BoS	

Dr.Mrs.P.M. Paratane was elected as a member of Board of Studies in Mathematics, Savitribai Phule Pune University.

2.10 Average percentage of attendance of students : 80%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

As per the central guidelines.

2.13 Initiatives undertaken towards faculty development by the department :

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	3
UGC – Faculty Improvement Programme	3
HRD programmes	
Orientation programmes	1
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff : Nil

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year : Nil

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not, when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr A N Bhavale	Ph.D.	Yes	24/06/2021	Yes	B. P. Awarre	2022-23	Study of dismantlable lattices, counting and related aspects

3.3.1 Incentive to the teachers who receive recognition/awards: Nil

3.3.2 Ph. Ds awarded during the year : NIL

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution :

College has started Yuva Sanshodhak Scheme (YSS) for students. There are ten students of MSc I Mathematics who are doing the project under YSS under the guidance of Dr A. N. Bhavale.

Also Dr A. N. Bhavale and Mrs. S. N. Gajul are working on the project under "Seed Money" project of the college.

3.2 Details regarding major projects : Nil

3.3 Details regarding minor projects :

	Completed	Ongoing	Sanctioned	Submitted
Number		1		
Outlay in Rs. Lakhs			1,86,660 /-	

3.4 Details on research publications in current academic year :

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals			
Conference proceedings			
SCOPUS	1		

Please provide the information in following format as annexure

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1	Dr.Mrs. Pooja Paratane	Sensitivity Analysis in Multiobjective solid transportation problem	Journal of Indian Mathematical Society	Volume 90, Issue 3-4, July 2023	

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year : Nil

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index : Nil

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science) : Nil

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations : 02 (YSS and Seed Money)

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2023-24	Seed Money	1,86,660	10,000
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)	2023-24	Yuva Sanshodhak Scheme	12,500	
Any other(Specify)				
Total			1,99,160	

3.7 No. of books published : Nil

i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year: Nil

3.10 consultancy provided by the Department: Nil

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department : Nil

3.12 Details faculty served as experts, chairpersons or resource persons:

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1	Dr.A.N. Bhavale	Expert	Workshop of Authors Interview /Selection at Balbharati Pune during August 2023.
2.	Dr.A.N. Bhavale	Expert	For Career Advancement Scheme at B.R. Gholap
3.	Dr.A.N. Bhavale	Expert	Item Writer are NTA, New Delhi
4.	Dr. P.M. Paratane	Expert	Expert for Interview at Amruteshwar College, Vinzer and Smt. Hiraben Nanavati Institute in June and July 2023.
5.	Mr. P V Gadagkar	Resource Person	MS-DEED Level 2 Programme at IISER Pune

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations: Nil

3.14 Details of linkages created during this year: Nil

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year: 01

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year: Nil

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1	Dr A N Bhavale	SPPU, Pune 7	Mr. D. S. Shelke	2023-24
2	Dr A N Bhavale	SPPU, Pune 7	Mrs P. D. Nidhalkar	2023-24

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1	Mr. B. P. Aware	Dr A. N. Bhavale	2022-23	
2	Mr. D. S. Shelke	Dr A. N. Bhavale	2023-24	
3	Mrs P. D. Nidhalkar	Dr A. N. Bhavale	2023-24	
4	Mr S. R. Darekar	Dr R. M. Kenvat	2023-24	
5	Mrs. L. G. Bichhal	Dr R. M. Kenvat	2023-24	
6	Mr. S. A. Barde	Dr G. A. Mundhe	2023-24	

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other) : Nil

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		2	1	
Presented papers	3			
Resource Persons		1		

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year: Nil

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year: Nil

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year: Nil

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
UpThink Edutech Services Pvt. Ltd.	25/04/2024	OJT	10

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year: Nil

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	5	-	Yes	-	-	-	-	-	-
Added		-	-	-	-	-	-	-	-
Total	5	-	Yes	-	-	-	-	-	-

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
101	24	6	

(b) No. of students outside the state: 4

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students : 0

Please provide the list of students, Gender, class, category as annexure

Men	No	%
Women	No	%

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Trupti Madake	M.Sc.	Pune Municipal Corporation	7.5 Lakh

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) : Nil

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year - NIL

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance: Nil

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities: Nil

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template): Nil

5.11 Student organised / initiatives : Nil

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year: Nil		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year: Nil		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Refresher Course	3	2 weeks
Orientation Course	1	4 weeks
FDP	5	1 week

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: Designed First Year UG NEP 2.0 and PG Part II NEP

6.3.2 Teaching and Learning: Introduced batchwise practicals for UG.

6.3.3 Examination and Evaluation: Practical examinations are conducted batchwise at the department level.

6.3.4 Research and Development: Nil

6.3.5 Library, ICT and physical infrastructure / instrumentation: NA

6.3.6 Human Resource Management: UG and PG coordinators are appointed.

6.3.7 Faculty and Staff recruitment: 1 new faculty member was recruited

6.3.8 Industry Interaction / Collaboration: One MOU was signed with UpThink Edutech Services, Pvt. Ltd.

6.3.9 Admission of Students: UG admission are done online on merit basis and PG admissions are done online through online entrance examinations.

6.11 Activities and support from the Alumni Association: Nil

6.12 Activities and support from the Parent – Teacher Association: It was conducted at central level.

6.13 Development programmes for support staff: Nil

6.14 Initiatives taken by the institution to make the campus eco-friendly: Re-use of papers

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

i. Conduct of Guest Lectures and Workshops.

ii. Guidance sessions for Competitive / Entrance Examinations.

7.4 Contribution to environmental awareness / protection

- i. The department uses LED lamps to save energy.
- ii. Admission process for all courses of the department is online.
- iii. Dust free chalks are used.
- iv. Communication through official email.
- v. Re-use of the used papers

7.6 SWOC Analysis of the Department

Strength:

- The department has a Research Centre in Mathematics with 3 Ph.D. guides
- The department encourages and motivates students to do research activities.
- The department has a teacher to students ratio 1 : 10.

Weakness:

- A decline in the response for Mathematics at B.Sc. and M.Sc. is observed due to the present transition in New Education Policy..
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- The staff members have opportunities to undertake Minor/Major Research Projects.
- Enhancing the quality of education, through the collaborative activity with SPPU, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

Challenges:

- To attract the students towards Mathematics at UG, PG and Research level.
- To inculcate research aptitude in students.
- Genuine multifaceted limitations of the students coming from varied socio-economic backgrounds creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

8. Plans of Department for next year :

To develop an independant well equipped computer Laboratory for the department.

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

- The Department of Mathematics is one of the oldest departments of Modern College. It is also popular among the student community. The teaching staff of the department is highly qualified, efficient and devoted to students. There are eleven teaching staff members, one non-teaching staff member and one research guide out of three fully available at the department. The department also caters to other departments like Computer Science, Commerce, Biotech and Blended BioScience.
- The department celebrated National Mathematics Day 2023 successfully like every year. Thereby, various activities were conducted on this day. To list a few: Project Competition, Rangoli Competition/Exhibition, Poster Competition/Exhibition, Seminar Competition, Quiz Competition, Games and Puzzles competition and Essay Competition. The main theme of the celebration is “Activity by the students, for the students”.

- Dr. A. N. Bhavale arranged a Guest Lecture Series for TYBSc/MSc Mathematics students in October 2023. In this lecture series the guests/experts from different universities like the University of Mumbai, Shivaji University, IISER, SPPU, etc. were invited. Students benefited from the lecture series.

The strength for the respective classes in the academic year 2023-24 was as follows:

No.	Class	Strength
1	F.Y.BSc.	22
2	S.Y.BSc.	45
3	T.Y.BSc.	34
4	F.Y.BSc.(Comp. Sci.)	231
5	S.Y.BSc.(Comp. Sci.)	161
6	M.Sc. I	10
7	M.Sc. II	13
8	Ph.D.	06

Student Achievements:

1. Ten students of MSc Mathematics (Part I) are working on five research projects under the guidance of Dr. A. N. Bhavale, under Yuva Sanshodhak Scheme (YSS) of the college.
2. One of the students of MSc Mathematics (Part II), Ms. Trupti Madake was selected as a teacher through TET.
3. Two research students Mr. B. P. Aware and Mr. D. S. Shelke have presented two and one research papers respectively at International Conferences.

Staff Achievements:

Dr A. N. Bhavale:

- i) Invited as an Expert for the workshop of Author's interview/selection at Balbharati, Pune during 16th to 17th August, 2023.
- ii) Invited as an Item Writer at the workshop of National Testing Agency at New Delhi during 16th to 19th October, 2023.
- iii) Arranged Guest Lecture Series for TYBSc/MSc Mathematics students in October 2023.
- iv) Invited as a subject expert for Career Advancement Scheme held at B. Gholap College, Pune on 20th June, 2023.
- v) Invited as an external reviewer for paper setting at A. Garware College, Pune on 14th October, 2023.
- vi) Worked as a Moderator in the IX-INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH held on January 19-21, 2024 at Valencia, Spain.
- vii) Presented a research paper entitled "COUNTING OF MODULAR, DISTRIBUTIVE, SLIM, SEMI MODULAR LATTICES ON UP TO THREE REDUCIBLE ELEMENTS" in the 9th International European Conference On Interdisciplinary Scientific Research, held on January 19-21, 2024 at Valencia, Spain organised by Universitat de València & IKSAD Institute.
- viii) Presented a research paper entitled "p LABELING OF POSETS" in the 3rd International Paris Congress on applied sciences held on February 17-19, 2024 at Paris, France.
- ix) Presented a research paper entitled "EDGE LABELING OF A SUBGRAPH OF THE COMPLETE GRAPH" in the 4th International Conference on Scientific Research held on April 26-28, 2024 at Kirsehir Ahi Evran University, Kirsehir, Turkiye.
- x) Working on the Project entitled "EAR DECOMPOSITION AND ORIENTABILITY OF GRAPHS" under the Seed Money Project Scheme 2023-24 of the College.

The sanctioned amount is Rs.1,86,660/-.

- xi) Guiding TEN students of MSc (Mathematics, Part I) students on FIVE different projects sanctioned under Yuva Sanshodhak Scheme (YSS) of the College.

The total sanctioned amount is Rs.12,500/-.

2) Dr. Pooja M. Paratane:

- i) Nominated as the Board of Studies (BOS) member in Mathematics, Savitribai Phule Pune University for the period 2023-2028.
- ii) Received a Copyright for 'Post Result Analysis Technique' from the Government of India.
- iii) Published Research Paper in Scopus listed journal 'The Journal of Indian Mathematical Society' entitled "Sensitivity Analysis in Multiobjective Solid Transportation Problem".
- iv) Worked as the subject expert for an interview in Amruteshwar College, Vinzer and Smt. Hiraben Nanavati Institute of Management & Research for Women (MBA College) in June-July 2023.
- v) Worked as a LIC committee member in S.S. Dhamdhare College and Nowrosjee Wadia College in March 2024.
- vi) Delivered a Guest Lecture on 'Sequence of functions in Real Analysis' in Prof. Ramkrishna More College, Akurdi.
- vii) Restructured the syllabus for Savitribai Phule Pune University in 'Operations Research and Optimization Techniques' at M.Sc. Mathematics for academic year 2023-24.
- viii) Successfully completed the Refresher Course in 'Vedic Mathematics' from 31st March – 15th April, 2024 with A+ grade.
- ix) Successfully completed the certificate course cum workshop in "Excel Basics for Data Analytics" with A+ grade from Sanatan Dharma College, Ambala, Haryana.
- x) Faculty Development Programmes (FDP) completed
 - a) One week FDP on 'NEP-2020' NEP-2020 from 29th May - 4th June, 2023 organized by Teaching Learning Centre Ramanujan College, University of Delhi with A+ grade.
 - b) One-week FDP on "AI IN EDUCATION" with A+ grade organized by TLC Ramanujan College in collaboration with Sri Guru Gobind Singh College of Commerce, University of Delhi under Malaviya Mission Teacher Training Programme from 29th March - 4th April, 2024
 - c) Certificate Course Cum Workshop on "Excel Basics for Data Analysis" organized by Sanatan Dharma College, Ambala Cantt from 21st March 2024 to 30th March 2024 and awarded with "A+" Grade.
 - d) One week FDP on 'NEP 2020, Orientation & Sensitization' from 13th March – 26th March 2024 organized by UGC MM_TT Savitribai Phule Pune University.
- xi) Successfully organized
 - a) 'Half day Grooming Workshop on 'Talking the Talk' for PG Students on 23rd March 2024.
 - b) 'Induction Program for UG students' during 2th August 2023 to 7th August 2023.
 - c) 'The Best Student Trophy Contest 2023-24' on 3rd January 2024.
- xii) उद्योग क्षेत्रात कार्यरत असलेल्या महिला शिक्षकांना सुरुवातीच्या दिवसात त्यांच्या समस्यांवर चर्चा करून त्यांना प्रोत्साहन देण्यासाठी 'महिला शिक्षकांच्या समस्या' या विषयावर एक दिवसीय कार्यशाळा आयोजित करण्यात आली. (२३ जानेवारी २०२३)

3) Dr N. H. Mahajan:

Participated in a conference "The Practice of Teaching Undergraduate Mathematics" organized by Azim Premji University, St. Joseph's University, Bangalore from 10th July to 12 th July, 2023.

4) Mrs. M. S. Rane:

Successfully completed a 4-week Orientation Program for “Faculty in Universities / College / Institutes of Higher Education” from 22 June – 21 July, 2023.

5) Mr. Rohan K Gawade:

Successfully completed the Faculty Development Program on “IKS-Contribution of Indian Mathematics” held at Department of Mathematics, Savitribai Phule Pune University, during 16th October to 22nd October 2023.

6) Mrs. S. N. Gajul:

- i) Working on the Project entitled “EAR DECOMPOSITION AND ORIENTABILITY OF GRAPHS” under the Seed Money Project Scheme 2023-24 of the College. The sanctioned amount is Rs.1,86,660/-.
- ii) Successfully completed a two day workshop on Recent Trends in Number Theory at IISER, Pune.
- iii) Successfully completed one day workshop on Mathematical Projects for mathematics Teachers of College and Universities at Bhaskaracharya Pratishthan, Pune.

7) Ms. A. Gavhane:

- i) Successfully completed two days workshop on Recent Trends in Number Theory at IISER, Pune.
- ii) Attended a lecture on Quintic polynomials at Bhaskaracharya Pratishthan, Pune.

8) Ms. P. K. Chavan:

- i) Successfully completed a two days workshop on Recent Trends in Number Theory at IISER, Pune.
- ii) Attended a lecture on Quintic polynomials at Bhaskaracharya Pratishthan, Pune.

- Dr. A. N. Bhavale

Head, Dept. of Mathematics

Department of Microbiology

PART A

DIQAC Composition and Activities

Department Name: **Microbiology**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Shilpa Sunil Mujumadar	HoD and Chairperson of DIQAC	+917757862433	hodmicro@moderncollegepune.edu.in
2	VNB	Member 1		
3	Sheetal Popatprasad Pardeshi	Full time (Regular) Assistant professor Member 1	+919970135370	pardeshimicro@moderncollegepune.edu.in
4	Anushka Ashish Devale	Full time (Adhoc) Assistant professor Member 2	+918605848523	devalemicro@moderncollegepune.edu.in
5	Rupali Shailesh Sawant	Full time (Adhoc) Assistant professor Member 3	+919527330841	sawantmicro@moderncollegepune.edu.in
6	Saili Kirtiwar	Full Time (Adhoc) Assistant Professor	8796973053	kirtiwarmicro@moderncollegepune.edu.in
7	Raksha Shendge	Full time (Adhoc) Assistant professor	+7517740785	shendgemicro@moderncollegepune.edu.in
8	Pranali Pawar	Full time (Adhoc) Assistant professor	9096712746	pawarpmicro@moderncollegepune.edu.in
9	Shivani Gaonkar	Full time (Adhoc) Assistant Professor	9373322864	gaonkarmicro@moderncollegepune.edu.in
10	Vasundhara More	Full Time (Adhoc) Assistant Professor	7507871914	moremicro@moderncollegepune.edu.in
11	Tejashri V. Tambe	Full Time (Adhoc) Assistant Professor	7798094981	tambemicro@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. 1 Faculty 2

Non-Teaching Staff : 5 Students 1 : Alumni 0

2.13 Seminars and Conferences (only quality related) 01

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level ; 01

(ii) Themes : Intellectual Property rights

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year :

- IPR Workshop
- Departmental activities for students like Microcosm

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

**** Attach the Academic Calendar of the year as Annexure.***

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	01	-		01
PG	01			
UG	01			
PG Diploma	-			
Advanced Diploma	-			
Diploma	-			
Certificate	01			01
Others	-			
Total	04			01
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year : 2

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : 01

1.2.1 - Number of new courses introduced across all programmes offered during the year :2

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

Criterion – II

2. Teaching, Learning and Evaluation : 100 %

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	02	02			

2.2 No. of permanent faculty with Ph.D.: 01

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure : NIL

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:02

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		01	-
Presented papers		02	-
Resource Persons		-	-

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning: yes

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr. Shilpa Mujumdar	BOS member, Bajaj College of Science, Wardha	26 March 2024
2	Dr. Shilpa Mujumdar	BOS Chairman	MCASC
3	Mrs. Anushka Devale	BOS member	MCASC
4	Mrs. Rupali Sawant	BOS member	MCASC
5	Ms. Sheetal Pardeshi	BOS member	MCASC
6	Mrs. Madhuri Kothwade	BOS member	MCASC
7	Mrs. Saili Kirtiwar	BOS member	MCASC
8	Mrs. Ankita Kulkarni	BOS member	MCASC
9	Mrs. Pranali Pawar	BOS member	MCASC
10	Mrs. Vaishnavi Kudale	BOS member	MCASC
11	Ms. Vasundhara More	BOS member	MCASC
12	Ms. Raksha Shendge	BOS member	MCASC
13	Tejashri Tambe	BOS member	MCASC
14	Mr. Vivek Bobade	BOS member	MCASC
15	Ms. Nikita Shirure	BOS member	MCASC

2.10 Average percentage of attendance of students : 80 %

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

1. By taking feedback from students
2. By taking feedback from teachers

2.13 Initiatives undertaken towards faculty development by the department

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programme	-
HRD programmes	01
Orientation programmes	-
Faculty exchange programme	NIL
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff				
Technical Staff	03	01	02	01

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year : NIL

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. Shilpa Mujumdar	Ph.D. Microbiology	yes	2017	yes	Mrs. Anushka Deval	13-03-2018	"Studies on biosurfactant/bioemulsifier production by bacterial soil isolates and exploring its application in bioremediation"
					Mrs. Rupali Sawant	13-03-2018	"Biosurfactant/Bioemulsifier production from <i>Acinetobacter</i> sp and exploring its application in biomedical field"

3.3.1 Incentive to the teachers who receive recognition/awards NIL

3.3.2 Ph. Ds awarded during the year NIL

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution : Seed money projects are taken by 3 staff members

3.2 Details regarding major projects NIL

3.3 Details regarding minor projects :03

	Completed	Ongoing	Sanctioned	Submitted
Number		3 ongoing		
Outlay in Rs. Lakhs				

3.4 Details on research publications in current academic year:

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index			
3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)			

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	2023-2024	P.E.S. Modern College Shivajinagar SEED money project funding	800000 Appx	yes
Students research projects (other than compulsory by the University)	2023-24	Kanbiosys	210000 appx	Not yet
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department : Yes

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated
1	Dr. Shilpa Mujumdar	Manohar Roy Homeopaths,	Rs. 3000/-

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department NIL

3.12 Details faculty served as experts, chairpersons or resource persons NIL

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year :Tejashree pl feel the data

Sr. No.	Name of the Institution	Type of Linkage (International / National / Other)	Area / Details
1	GreenArray Genomic Research & Solutions of Accurate Diagnostic Private Limited, Pune	College level	Kothrud, Pune, 411038
2	Jankalyan Blood Bank	College level	Shukrawar Peth, Pune, 411002
3	Bharat Eco Solution and Technologies	College level	Pune, 411005
4	Kan Biosys	College level	Pune, 411004
5	District Civil surgeon blood bank	College level	Alibag, Raigad, 402201

Please provide the scan copies of the related letters as annexure

Type of Patent	Name of Staff Members(s)		Number
National	Sheetal Pardeshi	Applied	
		Granted	02
International		Applied	
		Granted	
Commercialised		Applied	
		Granted	

3.16 No. of patents received this year :

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year :

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1	Dr. Shilpa S. Mujumdar	Savitribai Phule Pune University, Pune	Anushka Ashish Devale Rupali Shailesh Sawant	2018

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1	Anushka Ashish Devale	Dr. Shilpa S. Mujumdar	2018	Pursuing (reregistered in March 2024)
2	Rupali Shailesh Sawant	Dr. Shilpa S. Mujumdar	2018	Pursuing (reregistered in March 2024)

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		3		
Presented papers		2		
Resource Persons				

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	07	nil	07	nil	nil	nil			
Added									
Total									

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
160	98	02	-

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students NIL

Please provide the list of students, Gender, class, category as annexure

Men

No	%
No	%

Women

5.2.1 - Number of outgoing students who got placement during the year :

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Bhagwat Sasane	M.sc Microbiology	Gennova Pharmaceuticals , Pune (02039821300)	19,000pm
Pooja Saste	M.Sc Microbiology	Tastybite Pvt., Ltd, Yatat, Pune (02030216000)	17,000pm
Rupali Waske	M.Sc Microbiology	PEEN Frozen Food Pvt., Ltd., Karjat.	22,000pm

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
NIL	NIL	NIL	03

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Employability skill development programme	2023-24	34	Mahindra Pride Classroom, Naandi foundation

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) **NIL**

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year : **NIL**

Year	Name of teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
	Mrs. Anushka Devale	National conference on 'Microbial Bioprospecting for Environmental Conservation and Restoration	P.E.S. Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune-05-SEED MONEY	750/-
	Mrs. Rupali Sawant	National conference on 'Microbial Bioprospecting for Environmental Conservation and Restoration	P.E.S. Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune-05-SEED MONEY	750/-

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Artificial Intelligence and Sciences	01	16-07-2023 to 29-07-2023

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development : Syllabus was restructured as per NEP 2022-23

6.3.2 Teaching and Learning : ICT

6.3.3 Examination and Evaluation : Done paper setting and checking as per autonomy and NEP 2020 requirements

- 6.3.4 Research and Development : YSS Seed Money projects
- 6.3.5 Library, ICT and physical infrastructure / instrumentation : All labs are with LCD and internet facility
- 6.3.6 Human Resource Management :
- 6.3.7 Faculty and Staff recruitment : 8 new staff recruited as requirement
- 6.3.8 Industry Interaction / Collaboration :
- 6.3.9 Admission of Students : B.Sc.and M.Sc. admissions were done as per merit
- 6.11 Activities and support from the Alumni Association : They help in placing students in different companies
- 6.12 Activities and support from the Parent – Teacher Association :Parent teacher meeting held for FY and M.Sc. I students to know more about their interest and progress
- 6.13 Development programmes for support staff :
- 6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department :

All staff members use LCD and internet facility to teach students

Department conducts extracurricular activities for students every year

Arrange guest lectures and visits for students

Staff participated in research project (SEED Money) and YSS

7.4 Contribution to environmental awareness / protection :

7.6 SWOC Analysis of the Department :

S: Strength : Qualified staff, well equipped laboratories

W: Weakness : Research projects, research papers, branding could be better

O : Opportunities: good opportunities to do collaborations with different industries and institutes

C : Challenges : Rapid change in education system, increase in competition

8. Plans of Department for next year

1. Establishment of Department-Industry collaboration
2. Increase Consultancy Services to the society, industries etc

Name 1:

Name :

Dr. Shilpa Mujumdar

Name 2 : Ms. Sheetal Pardeshi

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Following are the activities organized by Department and achievements of staff as well as students:

Staff Achievements:

Teaching Staff

Dr Shilpa Mujumdar :

- Filed 7 copyrights of college teachers.
- Worked as academic research coordinator for Avishkar competition.
- Editor of open access journal of Microbiology and Biotechnology.
- Book chapter published in plant microbe interaction, book published by Elsewhere press.
- Conducted MOOC course of Research Methodology and designed syllabus for it.
- Worked as coordinator of schemes of Seed money and Yuva Sanshodhak Scheme (YSS).

- Worked as a BOS member for Bajaj college of Science, Wardha (Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University).

Ms. Sheetal Pardeshi

- Two Indian patents granted.

Mr. Vivek Bobade

- Contributed as a member of the organizing committee for and Paper presentation competitions organized under Microcosm 2024 by the Department of Microbiology, 2024.

Ms. Anushka Devale

- Worked as Coordinator for poster presentation competition conducted under Microcosm 23-24.
- Poster presentation in National conference organized by Shardabai Pawar Mahila Arts, Commerce and Science College, Baramati entitled, "Microbial bioprospecting for environmental conservation and restoration." Held on 5th and 6th February 2024.

Ms. Rupali Sawant

- Worked as Coordinator for lecture series conducted under Microcosm 23-24.
- Poster presentation in National conference organized by Shardabai Pawar Mahila Arts, Commerce and Science College, Baramati entitled, "Microbial bioprospecting for environmental conservation and restoration." Held on 5th and 6th February 2024.

Ms. Ankita Kulkarni

- Worked as Coordinator for Micro-toon activity conducted under Microcosm
- Worked as UG coordinator for the year 2023-2024.
- Participated in the organization of lecture series as part of Microcosm 2024.

Ms. Saili Kirtiwar

- Appointed as P.G Co-Ordinator for the academic year 2023-24.
- Co-Ordinator for Skill development course on pharmaceutical techniques (for MSc II students)
- Contributed as a member of the organizing committee for Lecture series and Documentary competition organized under Microcosm by the Department of Microbiology, 2024.
- Worked as coordinator for YSS 2023-2024
- Worked as coordinator for Avishkar competition 2023-2024

Ms. Raksha Shendge

- Appointed as a TY Class adviser for the academic year 2023-24.
- Contributed as a member of the organizing committee for Lecture series and Model competition organized under Microcosm by the Department of Microbiology, 2024

Ms. Shivani Gaonkar

- Joined the department on 17th August 2023
- Contributed as a member of the organizing committee for documentary competition and as a host for all three days organized under Microcosm by the Department of Microbiology, 2024
- Worked as coordinator for YSS 2023-2024
- Worked as coordinator for Avishkar competition 2023-2024
- Worked as coordinator for FDP which will be conducted on 19th April 2024
- Worked in coordinating BOS meeting and academic audit

Ms. Tejashri V. Tambe

- Joined the department on 17th July 2023.
- Appointed as M.Sc. I class advisor for the academic year 2023-2024.
- Contributed as a member of the organizing committee for Paper Presentation competition organized under Microcosm by the Department of Microbiology, 2024.

Ms. Vasundhara More

- Joined the department on 17th July 2023.
- Contributed as a co-coordinator for Seed Money Project Scheme 2023-24.
- Contributed as a member of the organizing committee for poster competition and as a host organized under Microcosm by the Department of Microbiology, 2024
- Presented a **paper at National Conference on “Plant Omics”**, organized by Department of Botany, Savitribai Phule Pune University on 28th Feb 2024.

Ms. Pranali Pawar

- Joined the department on 17th July 2023.
- Contributed as a member of the organizing committee for Rangoli competition and lecture series organized under Microcosm by the Department of Microbiology, 2024.

Ms. Vaishnavi Kudale

- Joined the department on 17th July 2023.
- Appointed as FYBSc class In-charge.
- Contributed as a member of the organizing committee for Rangoli competition and lecture series organized under Microcosm by the Department of Microbiology, 2024.

Ms. Nikita Shirure

- Joined the department on 17th July 2023.
- Contributed as a member of the organizing committee for Rangoli competition and lecture series organized under Microcosm by the Department of Microbiology, 2024.

Students Achievements

- The Best Student trophy was awarded to Ms. Kalyani Gore PG wing Microbiology department.
Aarohe Kurwalikar & Tejas Salunke were best student runner – up in PG wings.
- Kalyani Gore, Aarohe Kurwalikar & Prajakta Jadhav from MSc II microbiology have participated in Micro Olympiad.
- Tejas Salunke from MSC 1 participated in Avishkar 2023-24.
- Prasanna Waikar from TY BSc secured 2nd place in Inter college and Interdepartmental Badminton tournament.
- Prasanna Waikar secured 2nd place at Vidhirang fest by modern law college (State level).

Department of Microbiology

in collaboration with Science Association

MICROCOSM 23-24

Report

The Microcosm 2023-24 three day's event was conducted by the Department of Microbiology in collaboration with the Science Association. The activities were successfully conducted under the valuable guidance of respected principal Dr. R.S. Zunjarrao, Dr. Shilpa Mujumdar, Head, Department of Microbiology and Vice principal, Research.

The overall planning and coordination of the event was done by assistant professor Sheetal Pardeshi.

Day 1

On 17th January 2024, the microcosm 2024 was inaugurated with a Lecture series on the theme of 'Atma Nirbhar Bharat'. The lecture series was coordinated by Assistant professor Rupali Sawant and assistant professor Pranali Pawar.

The faculty as well as students were highly benefited with the interaction with the speakers.

Report of Lecture series (Microcosm 2023-24)

Date: 17th January 2024

Time: 10:30am to 1:30pm

Venue: Lata Mangeshkar Hall, Modern college of Arts, Commerce and Science

No. of Participants: More than 150 (B.Sc. and M.Sc.)

Guest speakers:

1.Dr. Supriya Kusale (Founder &CEO, Shreel-Surya Research Pvt.Ltd. Kolhapur)

2.Dr. Siddharth salunke (Bio Era Park, Tathawade, Pune)

3.Dr. Asha Salunke (Bio Era Park, Tathawade, Pune)

Co-Ordinators: Prof. Rupali Sawant & Prof. Pranali Pawar

P. E. S. Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 411005, Department of Microbiology, conducted a Lecture Series on 'Success stories of entrepreneurs in Microbiology', on 17th January 2024, from 10.30 am -1.30 pm for B. Sc. and M. Sc. Microbiology students, under Science Association, P. E. S. Modern College of Arts, Science and Commerce, Shivajinagar.

The program started at 10:30am by introduction of guest speaker by Prof. Tejashree Tambe followed by felicitation by Dr. Shilpa Mujumdar (HOD of Microbiology department). The first speaker Dr. Supriya Kusale guided the students about entrepreneurship, incubation centers, Startup India Scheme of Govt. of India for nurturing innovation & startup in the country.

The introduction of next guest speakers Dr.Siddharth Salunke & Dr. Asha Salunke is done by Prof. Ankita Kulkarni followed by Felicitation by Dr. Shilpa Mujumdar (HOD of Microbiology department). Dr. Siddharth Salunke & Dr. Asha Salunke shared their experience as an entrepreneur, about the foundation journey of Bio Era, their idea & story behind construction of every instrument in the Bio Era.

The programme was concluded with vote of thanks by Prof. Shivani Gaonkar.

The second day of Microcosm 23-24, started with a Poster presentation competition. The coordination of the activity was done by Assistant professor Anushka Devale and Assistant professor Vasundhara More. There were (35 undergraduate + 15 postgraduate) around 50 students who actively participated in the competition. Students presented fascinating topics in the field of life sciences in a very creative way. The poster presentations were evaluated by the able faculty from the Department of Biotechnology, Dr. Radhika Velankar and Dr. Gauri Nerkar. Mr. Dhawal Takawle (T.Y.B.Sc. Microbiology) and Mr. Ganesh Ankush Ivare (S.Y.B.Sc. Microbiology) voluntarily assisted in the planning, registration and conduction of the event smoothly.

The next activity of day 2 was the Model presentation competition and Microtoon competition

Model

Model Competition for all microbiology students was conducted on Day 2 of microcosm. The theme for the model competition was **"Best out of waste"**. Great numbers of participation was seen from UG & PG classes of microbiology. All the models prepared by students were displayed in the G.S. Lata Mangeshkar Hall with the help of volunteers Sahil Kirkte, Sairaj mehetre & Vishwas kale and the activity Coordinators assistant professor Ms. Raksha Shendge & Assistant Professor Ms. Nikita Shirure on 18 th January 2024. Students had prepared varieties of models which have reflected their creativity. Evaluation of these models was done on the basis of Creativity & Concept understanding of students by Assistant Professor Dr. Priyanka Datta from the Zoology Department, MCASC, Pune - 05.

Microtoon

Microtoon Drawing was conducted on Day 1 at Microbiology department and was displayed in the assembly hall on 18 th January 2024. Cartoon representations of Microbiology concepts were creatively depicted by UG and PG students of Microbiology through their Microtoons. Student volunteers from FY. BSc Dhruvi Mistry, TY. BSc Sahil Kirkte, M.Sc. Medhansh Kotain and Parth Pathare were highly proactive and gave their valuable time and efforts in smooth conduction of microtoon competition. Assistant Professor Ms. Vaishnavi Kudale and Assistant Professor Ms. Ankita Kulkarni coordinated the activity. The microtoons were judged by Dr. Shubhangi Puranik from Zoology Department, MCASC, Pune - 05.

Documentary -

P. E. S. Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 411005, Department of Microbiology, conducted Documentary competition, on 18th January 2024, from 2pm onwards for B. Sc. and M. Sc. Microbiology students, under Science Association, P. E. S. Modern College of Arts, Science and Commerce, Shivajinagar.

A Documentary competition in the assembly hall of our college. The competition was coordinated by Assistant professor Shivani Gaonkar and Assistant professor Saili Kirtiwar. Students of B.Sc. and M.Sc. Microbiology produced very creative and informative documentaries and presented those in front of UG PG students, Faculty and respected judge Dr. Rajkumar Barmukh, Department of Botany.

The competition started at 2pm. Introduction of guest examiners was done by Prof. Shivani Gaonkar followed by felicitation by Dr. Shilpa Mujumdar (HOD of Microbiology department). The examiners evaluated the students based on their creativity, screen play, concept, video and audio quality etc and selected winners among them.

Date: 18th January 2024

Time: 2pm onwards

Venue: Lata Mangeshkar Hall, Modern college of Arts, Commerce and Science

Examiner:

Dr. Rajkumar Barmukh

(Department of Botany, Modern College of Arts, Commerce and Science)

No. of participants: B.Sc. - 6 groups and M.Sc. – 2 groups

Co-Ordinator: Assistant Professor Shivani Gaonkar

Assistant Professor Saili Kirtiwar.

Day 3

Microbiological Rangoli

Rangoli Competition (Microcosm 2023-24)

Date: 19th January 2024

Time: 9:00am to 10:30am

Venue: Lata Mangeshkar Hall, Modern college of Arts, Commerce and Science

Examiners:

Prof. Netra Kulkarni and Prof. Varada Kulkarni

(Department of Zoology, Modern College of Arts, Commerce and Science)

No. of participants: B.Sc. - 9 and M.Sc. – 17

Co-Ordinators: Prof. Pranali Pawar and Prof. Nikita Shirure

P. E. S. Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 411005, Department of Microbiology, conducted a Rangoli competition, on 19th January 2024, from 9.30 am -10.30 am for B. Sc. and M. Sc. Microbiology students, under Science Association, P. E. S. Modern College of Arts, Science and Commerce, Shivajinagar.

The competition started at 9:30 am till 10:30 am. After completion of rangoli drawing the introduction of guest examiners was done by Prof. Shivani Gaonkar followed by felicitation by Dr. Shilpa Mujumdar (HOD of Microbiology department). The examiners evaluated the students based on their creativity, idea behind their rangoli and selected winners among them.

Paper presentation

Paper Presentation Competition (Microcosm 2023-24)

Date: 19th January 2024

Time: 10:00 am to 01:30 pm

Venue: Lata Mangeshkar Hall, Modern College of Arts, Commerce and Science

Examiners:

Dr. Rama Phadke, Head, Department of Biotechnology

Dr. Neeta Patil, Head, Department of Botany

No. of participants: B.Sc. - 7 and M.Sc. – 7

Co-Ordinators: Assistant Professor Tejashri Tambe and Assistant Professor Saili Kirtiwar.

The third day of Microcosm started with Rangoli followed by Paper Presentation competition, the paper presentation competition was conducted to build scientific communication skills in students. Both UG and PG students actively participated in the competition and their performance was highly appreciated by the entire faculty as well as respected judge Dr. Rama Phadke, Head, Department of Biotechnology and Dr. Neeta Patil, Head, Department of Botany. The coordination of this activity was done by Assistant professor Tejashri Tambe and Assistant professor Saili Kirtiwar.

Prize Distribution

The prize distribution ceremony was held at Lata Mangeshkar hall. The anchoring of the event was done by Assistant professor Shivani Gaonkar. The event was graced by the honorable respected Dr. R.S. Zunjarrao, Principal, honorable and respected Prof. S.S. Deshmukh, Vice-Principal,

Dr. Anjali Sardesai, Vice principal, and Dr. Kalyani Salla, chairperson science association. Dr. Shilpa Mujumdar, Head, Department of Microbiology gave the overview of the three days event which was followed by speeches of respected invitees. All the respected authorities guided and appreciated the participants in the beginning of the ceremony. Then the prize distribution was successfully completed with the hands of invited authorities. Assistant professor Sheetal Pardeshi proposed a vote of thanks for the event.

Prizes: Certificates and medals

1 Micro-toon competition

UG section Gold Medal-First rank

- Vaishnavi Sanap (T.Y.B.Sc. Microbiology)

Silver medal-Second rank

- Deoshri Jawalkar (T.Y.B.Sc. Microbiology)

Bronze medal-Third rank

- Ananya Singh (T.Y.B.Sc. Microbiology)

Consolation

- Sangram Khopade (T.Y.B.Sc. Microbiology)
- Samruddhi Raut (S.Y.B.Sc Microbiology)

PG section

Gold Medal-First rank

- Tejas Salunke (M.Sc. Microbiology)

Silver medal-Second rank

- Dhynasee Gadigaonkar (M.Sc. Microbiology)

Bronze medal-Third rank

- Vaishnavi Mokashi (M.Sc. Microbiology)

Consolation

- Girija Dixit (M.Sc. Microbiology)

2 Poster competition

UG section

Gold Medal-First rank (Tie)

- Tanishka Kamble & Sandhya J. (T.Y.B.Sc. Microbiology)
- Vaishnavi Sanap (T.Y.B.Sc. Microbiology)

Silver medal-Second rank (Tie)

- Sahil Kirtke, Vidhita Gaikwad & Deoshri Jawalkar (T.Y.B.Sc. Microbiology)
- Avanti Pacharne, Kalpesh Gaikar & Saranya Barma (T.Y.B.Sc. Microbiology)

Bronze medal-Third rank (Tie)

- Mokshada Bothara, Avishkar Chavan & Sangram Khopade (T.Y.B.Sc. Microbiology)
- Ananya Singh (T.Y.B.Sc. Microbiology)

Consolation

- Sailee Sonawane & Shivani More (S.Y.B.Sc. Microbiology)
- Abhishek Nair, Roshan Jadhav & Amit Chaudhari (F.Y.B.Sc. Microbiology)

PG section**Gold Medal-First rank**

- Arohi Kurwalikar (M.Sc. Part II)

Silver medal-Second rank (Tie)

- Prajakta Jadhav, Janhavi Kadam & Tejal Patil

Bronze medal-Third rank (Tie)

- Akanksha Khaladkar, Pratikanand Umargekar & Saurabh Ghodekar
- Mayuri Mandhare & Aishwarya Ghodekar

Consolation

- Tejas Salunke

3 Model competition (Best out of waste)**UG section****Gold Medal-First rank**

- Kalpesh Gaikar & Avanti Pacharne

Silver medal-Second rank

- Shashwati Mahajan, Ananya Singh & Sairaj Mhetre

Bronze medal-Third rank

- Subodh Sable, Kajal Jogdankar & Ravi Shelke

PG section**Gold Medal-First rank**

- Rutuja Sonawane, Vaishnavi Mokashi & Bhagyashri Sargar

Silver medal-Second rank

- Sakshi Rakshe, Tanmai Dhadave, Girija Dixit & Tejas Salunke

Bronze medal-Third rank (Tie)

- Vaishali Mohakar & Shreya Vashist
- Dnyansee Ghadigaonkar, Gauravi Bhalerao & Rucha Bagade

4 Documentary Competition**First Prize (Gold Medal):**

- Hiya Pujara (T.Y.B.Sc. Microbiology)
- Shlok Ninawe (T.Y.B.Sc. Microbiology)
- Mansi Parihar (T.Y.B.Sc. Microbiology)
- Dhawal Takawale (T.Y.B.Sc. Microbiology)

Second Prize (Silver Medal):

- Vinisha Vikas Rajguru (F.Y.B.Sc. Microbiology)
- Nisha Anant Ghadi (F.Y.B.Sc. Microbiology)
- Prapti Kale (F.Y.B.Sc. Microbiology)
- Manasvi Navnath Dhamale (F.Y.B.Sc. Microbiology)

Third Prize (Bronze Medal): Tie

- Samanaa Mutalik (T.Y.B.Sc. Microbiology)
- Vidhita Hulawale (T.Y.B.Sc. Microbiology)

- Vaishnavi Hulawale (T.Y.B.Sc. Microbiology)
- Sahil Kirkte (T.Y.B.Sc. Microbiology)

AND

- Aishwarya Shete (M.Sc. I Microbiology)
- Mayuri Mandhare (M.Sc. I Microbiology)
- Tejas Salunke (M.Sc. I Microbiology)

5 Paper presentation

UG section

Gold Medal-First rank

- Nisha Ghadi (F.Y)

Silver medal-Second rank

- Parth Kahat (S.Y)

Bronze medal-Third rank

- Harshada Deshpande (T.Y)

PG section

Gold Medal-First rank

- Arohi Kurwalikar (M.Sc. Part II)
- Kalyani Gore (M.Sc. Part II)

Silver medal-Second rank

- Tejas Salunke (M.Sc I)

Bronze medal-Third rank

- Gauravi Bhalerao

6 Microbiology related Rangoli

UG section

Gold Medal-First rank

- Samruddhi Raut

Silver medal-Second rank

- Manasi Parihar (B.Sc III)
- Hiya Pujara (B.Sc III)

Bronze medal-Third rank

- Deoshri Jawalkar (B.Sc. Part III)
- Vidhita Gaikwad (B.Sc. Part III)

PG section

Gold Medal-First rank

- Tejal Patil , Shweta chatap (M.Sc. Part II)

Silver medal-Second rank

- Prajakta Jadhav, Janhavi Kadam

Bronze medal-Third rank

- Akanksha Khaladkar, Manish Chaudhari

Consolation

- Tanmai Dhadave

- Dr. Shilpa Mujumdar
Head, Dept. of Microbiology

Department of Physics

PART A

DIQAC Composition and Activities 2023-2024

For the departments having **more than 3** staff members :

Department Name: Physics

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	S.S.Thengadi	HoD and Chairperson of DIQAC	9960263990	hodphysics@moderncollegepune.edu.in
2	N.M.Pardeshi	Member 1	9284068752	pardeshiphysics@moderncollegepune.edu.in
3	S.R.Gogte	Member2	9420196748	gogtephysics@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: Faculty

Non-Teaching Staff

Students

Alumni

Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ **Workshops**/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes: Green Campus Initiative of the college: Workshop on **Making of Decorative**

LED String Lights

Institution Level Workshops

- Department of Physics conducted a one day workshop under Green Campus Initiative of the college on “**Making of Decorative LED String Lights**” in collaboration with Avience Scientific (LED Bulb Manufacturer), Pune & Science Association, Modern college, Shivajinagar was conducted on 29th August 2023. The workshop was inaugurated by Dr. Avinash Rokade, Founder Director, Avience Scientific and Prof. S. S. Thengadi, Head, Department of Physics, MCASC. According to the theme of this workshop, the importance of sustainable development of energy as well as energy saving have been enlightened. In this workshop LED strings lights, PCB design LED Driver, Soldering, Component fitting, Illumination testing etc. fundamental things were explained. In this workshop, 57 students actively participated and manufactured 57 decorative LED string lights. The certificates were distributed at the hands of Principal Dr. R. S. Zunjarrao during valedictory function. Dr. Vaishali S. Waman was the Coordinator for this activity. Prof. Nileshkumar Pardeshi, Dr. Sandip S. Patil, Prof. Sanket Gogte, Dr. Padmashree Joshi, Dr. Ruchita Khare, Prof. Archana Gadre, Prof. Pooja Kulkarni, Prof. Trupti Aher, were the committee member of the workshop.

2.14 Significant Activities conducted by the Department / DIQAC in the academic year:

- One day workshop was organized for Undergraduate and Postgraduate students on “**Making of Decorative LED String Lights**” conducted by the Department of **Physics** in collaboration with **Avience Scientific** on 29th August 2023.
- Students of T. Y. B. Sc., M.Sc. and B. Sc. Visited IUCAA, NCRA and SPPU campus on National Science Day, 28th February 2023.

- Students of **PMC School, Pune** visited the Department of Physics on the occasion of Science day week.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
- To Implement NEP for First Year according to NEP - To organize a One day workshop for Undergraduate and Postgraduate students on “Making of Decorative LED String Lights”.	- Successfully implemented NEP for First batch of Physics class. - One day workshop was organized for Undergraduate and Postgraduate students on “Making of Decorative LED String Lights” conducted by the Department of Physics in collaboration with Avience Scientific on 29th August 2023.

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	-		
PG	1	-		
UG	1	-		
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	3			
Interdisciplinary BSc. Blended	1			
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

2

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

Nil

1.2.1 - Number of new courses introduced across all programmes offered during the year

Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

3 (UG,PG Ph.D)

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Nil

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
UG B.Sc.	14
PG M.Sc.	09

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
10	10	Laptop, LCD Projector	3 Labs	-	Power Point Presentations (PPT), PhET (https://phet.colorado.edu/), Amrita Virtual Lab (https://vlab.amrita.edu/?sub=1)

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
5	4	1	-	-

2.2 No. of permanent faculty with Ph.D. 2

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
5	-	-	-	-	-	-	-	5	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	02	-	01
Presented papers	02		01
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Newly recruited staff members are appealed to attend Senior teachers lectures.
- Use of Simulators and Virtual Labs for understanding of concepts.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member
10

Sr. No.	Name of the staff member	Role	Date of the workshop
	SS Thengadi	Chairman	29 th Feb and 14 th May 2024
	All departmental staff	Members	

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department.

Nil

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty Development programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	10 (Making of Decorative LED String Lights)
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff				
Technical Staff	7	5	-	2

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty / DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty / DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not, when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. Sandeep S. Patil	Ph.D. (October 2012)	Yes	2019	Yes	1) Pooja Kulkarni	May 2022	Synthesis and characterization of carbon based nanocomposites for supercapacitor and field emission applications
	Ph.D. (October 2012)	Yes	2019	Yes	2) Pallavi C. Bhikannavar	August 2022	Synthesis and characterization of transition metal carbide-chalcogenide for energy storage applications
Dr. Vaishali S. Waman	PhD	Yes	2018	Yes	Abhilasha Rokade	May 2022	Study of Role of SnS And PbS Encapsulation On Stability And Performance On CH ₃ NH ₃ PbI ₃ Perovskite Solar Cells
Dr. M.R.Bodke	Ph.D.	Yes	2019	Yes	1) Mrs. Aruna Abhijit Mancharkar	May 2022	Studies on Bimetallic hydroxide films useful for supercapacitor applications
	Ph.D.	Yes	2020	Yes	2) Sandip Kachru Thorat	March 2023	Study of Effect of Magnesium Doped Ni/NiO Nanostructures for Optoelectronic Applications

3.3.1 Incentive to the teachers who receive recognition/awards		
State	National	International
Nil	Nil	Nil
3.3.2 Ph. Ds awarded during the year		
Name of the Department	No. of Ph. Ds Awarded	
Nil	Nil	

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects (SEED money project funding from the college)

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	03	Nil
Outlay in Rs. Lakhs	Nil	Nil	1,62,200/-	Nil

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	02	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	03	-	-

Please provide the information in following format as annexure

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1.	Dr. Vaishali S. Waman	Effect of incorporation of SnS nanorods on the growth mechanism, crystallinity, optoelectronic performance, and stability of CH ₃ NH ₃ PbI ₃ perovskite active layer	ES Materials & Manufacturing	10.30919/esm m937	0.8
2.	Dr. Vaishali S. Waman	"Synthesis and study of CsPbBr ₃ by using antisolvent recrystallization method for solar cell applications"	Int. Res. J. of Science and Engineering	ISSN: 2322-0015	6.7
3.	Dr. Vaishali S. Waman	Effect of sulphur concentration on NiS nanoparticles synthesized by Hot Injection Method	7th International Conference on Nanoscience and Nanotechnology (ICONN 2023)		-
4.	Dr. Vaishali S. Waman	To study structural and optical properties of SnS Nanorods on the stability of CH ₃ NH ₃ PbI ₃ Perovskite in optoelectronic devices	7th International Conference on Nanoscience and Nanotechnology (ICONN 2023)		-
5.	Dr. Vaishali S. Waman	To study the incorporation of SnS Nanorods on the stability of CH ₃ NH ₃ PbI ₃ perovskite in optoelectronic device	International conference on Advanced Materials Synthesis, Characterization and Applications		-

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	-	-	-
International	Physics	01	6.7

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects (other than compulsory by the University)	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
1	3 (Papers in National/International Conference Proceedings)

3.10 consultancy provided by the Department- NIL

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. Of conferences

organized by the Department

Level	International	National	State	University	College
Number	Nil	Nil	Nil	Nil	Nil
Sponsoring agencies	Nil	Nil	Nil	Nil	Nil

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
Nil	Nil	Nil	Nil

Please provide the scan copies of the invitation letters and participation letters/ Certificates as annexure

3.13 Details of collaborations

Sr. No.	Name of the Institution	Type of Collaboration (International / National / Other)	Area / Details
2	Binix electrosystem	Other	OJT
3	I-Tech Solution	Other	OJT
4	Modern College of Pharmacy, Moshi	Other	OJT
5	Mathsphere academy	Other	OJT
6	Rashmi Heaters, pvt. limited	Other	OJT

3.14 Details of linkages created during this year

Sr. No.	Name of the Institution	Type of Linkage (International / National / Other)	Area / Details
1	Fergusson College, Pune	Other (Project)	Research
2	Binix electrosystem	Other	OJT
3	I-Tech Solution	Other	OJT
4	Modern College of Pharmacy, Moshi	Other	OJT
5	Mathsphere academy	Other	OJT
6	Rashmi Heaters, pvt. limited	Other	OJT

3.16 No. of patents received this year

Type of Patent	Name of Staff Members(s)		Number
National	-	Applied	Nil
		Granted	Nil
International	-	Applied	Nil
		Granted	Nil
Commercialised	-	Applied	Nil
		Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows

Of the staff members in the year

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1.	Dr. Sandeep S. Patil	SPPU	Pooja Kulkarni	2022
2.	Dr. Sandeep S. Patil	SPPU	Pallavi Bhikkanvar	2022
3.	Dr. V. S. Waman	SPPU	Abhilasha Rokade	2022
4.	Dr. Milind bodke	SPPU	Aruna Mancharkar	2022
5.	Dr. Milind bodke	SPPU	Sandip Kachru Thorat	2023

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1	Pooja Kulkarni	Dr. Sandeep S. Patil	6 th May 2022	Ongoing
2	Pallavi Bhikkanvar	Dr. Sandeep S. Patil	5 th August 2022	Ongoing
3.	Abhilasha Rokade	Dr. V. S. Waman	6 th May 2022	Ongoing
4.	Aruna Mancharkar	Dr. Milind bodke	6 th May 2022	Ongoing
5.	Sandip Kachru Thorat	Dr. Milind bodke	21 th April 2023	Ongoing

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Sr. No.	Research Scholar Name	Name of the agency	Year of receiving fellowship	Year of Registration
1.	Pallavi Bhikkanvar	Ministry of Eletronics and information Technology (MeitY), GOI.	17 Nov 2022	2022

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	-	2	-	-
Presented papers	-	-	-	1
Resource Persons	-	-	-	-

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Research	Abhilasha Rokade	None	2022-24
Research at CMET Pune	Pallavi Bhikkanvar	Ministry of Eletronics and information Technology (MeitY), GOI.	2022-24

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Project		Fergusson College Pune	December 2023 to April 2024	2
OJT		I-Tech Solutions, Pune		1
OJT		Rashmi Heaters, Dhanore, Pune		1
OJT		Modern College of Pharmacy, Moshi		1
OJT		Mathsphere Career Academy, Sangamner		1
OJT		Binix Electrosystems Pvt. Ltd. , Pune		2

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
I-Tech Solutions, Pune	15/ 04/2024	OJT	1
Rashmi Heaters, Dhanore, Pune	08/04/2024	OJT	1
Modern College of Pharmacy, Moshi	27/04/2024	OJT	1
Mathsphere Career Academy, Sangamner	15/ 04/2024	OJT	1
Binix Electrosystems Pvt. Ltd. , Pune	15/ 04/2024	OJT	2

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Nil

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers including LapTops	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	25	1	200 mbps	25					
Added	-								
Total	25								

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

Mentor and Mentee scheme is followed for enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

A form is prepared for Alumni for tracking the progression.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
108	11	5	

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students Nil

Please provide the list of students, Gender, class, category as annexure

Men	No	%	Women
		40	
	No	%	
		60	

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Akash Limkar	M.Sc.	ADA Tech solutions	4 Lakh p.a.
Pratik Kadam	M.Sc.	Prosys Infotech	4 Lakh p.a.
On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
-	-	-	4

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

Registration number/Roll number for the exam	Names of students selected/ qualified													Other examinations conducted by the State / Central Government Agencies (Specify)
	NET	IIT-JAM	SET/SET	JRF	GATE	GMAT	CAT	GRE	JAM	IELTS	TOEFL	Civil Services	State government examinations	
PH217A461		Srujan Sathe			Siddhesh Agarkar (PH24S22070164)									
					Pooja Battul (PH24S22124089)									

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Registration number/Roll number for the exam	Names of students appeared													Stat e gove rnm ent exa min atio ns	Other examination s conducted by the State / Central Government Agencies (Specify)
	N E T	I I T - J A M	S L E T/ S E T		GATE		C A T	G R E	J A M	I E L T S	T O E F L	Ci vil Se rvi ces			
PH24S22070164					(Siddhesh Agarkar										
PH24S22124089					Pooja Battul										
PH24S22124137					Onkar Kulkarni										
		5													

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance :

- **Please refer the report of Psychology Department for counselling guidance.**
- **Please refer the report from Prof Mrs Manisha Suryawanshi Computer Science Department for career guidance**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
1. Awareness of Trends in Technology One day workshop was organized for Undergraduate and Postgraduate students on “Making of Decorative LED String Lights” conducted by the Department of Physics in collaboration with Avience Scientific on 29th August 2023.	29th August 2023.	57	Avience Scientific, Pune

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template) NIL

Please refer the report from Dr. V. B. Kamble Co-ordinator guidance/coaching for competitive examinations and career counselling

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./National / State/ Univ./ Other)	Details
1	Project Exhibition	Exhibition	local	Students of T. Y. B. Sc. and M.Sc. carried out a project work as a part of their curriculum. An exhibition and competition of these projects was arranged on 26 th February 2024. Prof. S. S. Thengadi , Head, Department of Physics, inaugurated the exhibition and Dr. Sandeep Patil was the coordinator of this event. Prof. Dr. P.D. Joshi, Prof. P.R. Kulkarni, Prof. Trupti Aher, Prof. Dr. V.S. Waman and Prof. A. A. Gadre from Department of Physics examined the projects. A total of 29 projects were presented by the students
2	Poster Competition	Exhibition	local	Poster competition for F.Y.B.Sc.: Poster competition was conducted on 11 th October 2023 for F.Y. B. Sc. (Physics). This event was inaugurated by Head of the Department Prof. S. S. Thengadi . The theme of the presentation was “India@75: Scientific Development in Physics” . Total 81 students from F. Y. B. Sc. actively participated in this exhibition and presented 24 posters. Prof. Archana Gadre, Prof. Pooja Kulkarni, Prof. Dr. Ruchita Khare & Prof. Ankita Nahe were the judges for this competition. Prof. Nileshkumar Pardeshi was the Coordinator for this activity. Active participation of all teaching and non-teaching staff members made this event was grand success.

3	Chandrayan-3 Live Telecast	Live Telecast	local	Chandrayan-3 Live Telecast was organized in Physics Lab for all staff and students on 23 rd August 2023
4	Quiz Competition	-	local	Quiz Competition was organized for Undergraduate and Postgraduate students. Dr. S. S. Patil and Prof. Sanket Gogte were the judges. Prof. Mrs A. A. Gadre was the coordinator of the event.

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year NIL		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year NOT APPLICABLE		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Managing online classes and co-creating MOOCS	1	05 - 19 December, 2023
Capacitance building programme for UG science teacher	1	11-16 March 2024
Research Methodology	2	7 - 11 Aug 2023
Prof. Babulal Saraf memorial National Workshop on Experimental Physics	1	11 - 16 March 2024
Nanomaterials for Clean and Sustainable Environment	1	17- 22 July 2023
Malvia mission Teacher training program, Nagpur	1	16-30 April 2024

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

While designing curriculum of college we have selected members from industry, From other institutes with high academic performance.

6.3.2 Teaching and Learning

Use ICT, and other teaching methods such as seminars, presentations, discussions, competitions such as quiz, poster were organized

6.3.3 Examination and Evaluation

Students are asked to submit the assignments which are thoroughly checked by our staff members and one to one discussion is done with students about modifications in the assignments.

6.3.4 Research and Development

Motivated the staff members to submit the proposal for minor research scheme to different funding agencies.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Suggestions are given to purchase DELNET.

6.3.6 Human Resource Management **NIL**

6.3.7 Faculty and Staff recruitment **NIL**

6.3.8 Industry Interaction / Collaboration **NIL**

6.3.9 Admission of Students **NIL**

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly.

- **Awareness regarding EV.**
- **Awareness regarding Renewable Energy Sources.**
- **Fluorescent Lamps are replaced by LED**
- **One day workshop was organized for Undergraduate and Postgraduate students on “Making of Decorative LED String Lights”.**

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department :

- ☐ Newly recruited staff members are appealed to attend senior teacher's lectures.

7.4 Contribution to environmental awareness / protection

- ☐ Fluorescent Lamps are replaced by LED
- ☐ LPG gas burners are replaced by induction system
- ☐ Steam generators are replaced by burners

7.6 SWOC Analysis of the Department

☐ **Strengths :**

- Well qualified, Experienced Faculties to run UG and PG Courses
- State of Art infrastructure for Academic and Research
- Efficient Space Utilization, Managing and Conducting Laboratories (UG/PG/B.Sc. Blended)
- Emphasis of Student centered Teaching-Learning process
- Active Participation of Head in College Administration and Parent body.(Member BOLM, Coordinator Administration)
- Student centric, ICT enabled, participatory and interactive teaching learning methods are promoted.
- Campus wide internet connectivity

☐ **Weakness :**

- Inadequate Permanent Teaching
- Insufficient/Inadequate Laboratory Space.
- Supporting Technical Staff unavailable.
- Lack of campus interviews.

☐ **Opportunities :**

- Department has Potential to Excel in Academic as well Research.
- The department can offer Physics as major subject for B.Sc. Blended Course of Melbourne University, Australia.
- The Department can initiate admission process at Recognized Research Centre for Ph.D. Physics Students.
- Increasing financial aids to the students through institutional resources
- Increasing research publications in high impact factor journals.
- Strengthening collaboration with research institutes and industries

□ **Challenges :**

- Implementing NEP 2020 curriculum according to changing Government rules and guidelines.
- Simultaneous execution of two different curricula viz Autonomy and NEP 2020
- Identify Institution/Industries for placements of Master Students to pursue Academic and Professional Career.
- To establish well equipped research Centre.
- To overcome student drop out problem.
- To prepare for execution and implementation for Autonomous Status.
- Sustaining non-granted courses
- Increasing employability of the students

8. Plans of Department for next year

- **Development of laboratory infrastructure for Research**
- **To inculcate Research Culture among under graduate students by applying to different funding agency (Local,UGC,DST,BCUD) for carrying out small projects.**

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Annexure:

- Workshop on “**Making of decorative LED string lights**” Report

Department of Physics had organized a one day business startup workshop on **Making of decorative LED string lights** in collaboration with Avience Scientific (LED bulb manufacturer) Pune and Science association Modern College Shivajinagar, Pune on 29th August 23. The workshop was inaugurated by Dr. Avinash Rokade, Founder Director, Avience Scientific and Prof. S. S. Thengadi, Head, Department of Physics, MCASC. The main objective of the workshop was to make aspiring physicist acquainted with the conceptual as well as practical knowledge. The idea of the workshop was to teach fundamentals of component fitting, testing and soldering along with startup idea. In this workshop, 64 students actively participated and manufactured 64 LED string lights. Dr. Vaishali S. Waman was the Coordinator for this activity. Prof. Nileshkumar Pardeshi, Dr. Sandip S. Patil, Prof. Sanket Gogte, Dr. Padmashree Joshi, Dr. Ruchita Khare, Prof. Archana Gadre, Prof. Pooja Kulkarni, Prof. Trupti Aher, were the committee member of the workshop.

- Visit of **iTech Rajarshi Shahu Maharaj EMSS secondary students report**

A Departmental Laboratory visit of **iTech Rajarshi Shahu Maharaj EMSS secondary students** arranged on **28th December, 2023**. A group of 57 students accompanied by four teachers visited the department. The visit was arranged to motivate the scientific temperament among the school going students. Few experiments and demonstrations based on physics topics like measurements of physical quantities, optics, waves and oscillations and electronics were displayed. Few hands on experiments were also arranged.

Academic Planning for the year 2023-24

June 2023:

- Set-up of experiments under NEP for F.Y. B.Sc. and M.Sc.
- Departmental meeting of teaching and non-teaching staff.
- Stock verification of the department.
- IQAC Meeting
- Finalization of departmental and personal time table UG and PG.
- Submission of teaching Plans UG and PG.
- Result analysis of all classes – subject wise – for previous year.
- Establishing contact/communication with the prospective organizations for allowing our students to conduct the project work there.
- Follow up of the requirement of the apparatus and books under NEP.

July :

- Review of Admissions for UG and PG.
- Submission of self-appraisal forms.
- Orientation for the students regarding departmental library facility and other co-curricular and extra-curricular activities organised by the department.
- Allotment of project work to students.

August :

- Follow up of project work.
- Starting remedial teaching.
- Educational study visit for T Y B Sc students
- Follow up of attendance of students.

September :

- Follow up of remedial courses.
- Preparation of defaulters list in class attendance.
- Setting of question papers for all classes CIE and ESE.
- Conduct CIE

October :

- Conduct CIE
- Submission of mark-list to office.
- Term – end meeting of teaching and non-teaching staff to review the work/activities carried out in the first term and plan for the second term.
- IQAC Meeting and Term End Meeting

November:

- Departmental meeting of teaching and non-teaching staff.
- Orientation of defaulters for class attendance.
- Follow up of project work.
- To conduct ESE practical examination for M.Sc.

December :

- Result analysis (Subject-wise) of S.Y.B.Sc. and T.Y.B.Sc class.
- Educational study visits for F Y B Sc and S. Y. B. Sc. Students
- Guest lecture by eminent person.

- Poster competition for FYBSc.
- January 2024 :**
- Review of the practical work and revision practical sessions.
 - Project exhibition.
 - Power point competition for S.Y.B.Sc.
 - Certification of journals for all classes.
 - Setting of question papers for all classes for internal test of second term.
 - Study tour of TYBSc.
 - Annual Social Gathering

February :

- Designing S.Y.B.Sc. detailed syllabus as per NEP curriculum for year

Sr. No.	Name of the student	Institute where projects were performed
1	Saurabh Kulkarni	Fergusson College, Pune
2	Ajay Yadav	Fergusson College, Pune
3	Swati Bichukale	Dept of Physics, SPPU

2024-25 and designing B.Sc. detailed framework as per NEP curriculum according to guidelines for year academic 2024-25.

- Internal practical examination for all classes.
- Term –end internal Examination.
- Examination work of CIE of UG classes.
- Submission of mark-list to office.
- Preparation for the ESE examination of UG.

March :

- To conduct ESE practical examination for S.Y. and T.Y.B.Sc.
- Submission of mark-list.

April :

- To conduct BoS for finalising curriculum for academic year 2024-25
- To conduct ESE practical examination for M.Sc.
- To conduct ESE practical examination for F.Y.B.Sc.
- Distribution of the courses and other responsibilities amongst staff members to carry out co-curricular and extra-curricular activities in the department for the next academic year.
- Put forward the requirement of the department to college office.
- Submission of the list of books required for the next academic year to the college library.
- Submission of Annual report and report for Magazine
- Term – end meeting of teaching and non-teaching staff to review the work/activities carried out in the second term and plan for the next academic year.
- IQAC Meeting
- Submission of Departmental AQAR.

M.Sc. Project 2023-24

All the teaching and non teaching staff members extended their whole hearted support and cooperation in smooth functioning of the department mostly in offline mode.

Student Strength:

F. Y. B. Sc. – 24 (Under NEP)

S. Y. B. Sc. – 35

T. Y. B. Sc. – 19

M. Sc. I – 09 (Under NEP)

M. Sc. II – 04

Ph.D. - 05

1. Activities for Students:

1. Students of **PMC School, Pune** visited the Department of Physics on the occasion of Science day week.
2. **Poster competition for F.Y.B.Sc.:** Poster exhibition and competition was organized for all F.Y.B.Sc. Physics student on 11th October 2023 at Department of Physics.
3. **Project exhibition and competition for T.Y.B.Sc. and M.Sc.** was organized at the Department of Physics.
4. **Essay Competition:** Intercollegiate Essay competition was organized in 3 categories (i) Junior college, ii) F.Y.B.Sc. and S.Y. B.Sc. iii) T.Y.B.Sc. and M.Sc
5. Power point making competition for B.Sc. and M.Sc.: **PowerPoint making competition was organized for all B.Sc. and M.Sc. students.**
6. **A Quiz Competition** was organized for UG and PG students.
7. One day workshop was organized for Undergraduate and Postgraduate students on **“Making of Decorative LED String Lights”** conducted by the Department of Physics in collaboration with Avience Scientific Pune.
8. Most of the M.Sc. students carried out their academic project in collaboration with different institutes such as **Department of Physics, Savitribai Phule Pune University, Defense Institute of Advance technology (DIAT),** Girinagar Pune, **National Centre for Radio Astrophysics (NCRA),** IITM Pune, **CMET Pashan** Pune, **IISER Pune, National Chemical Laboratory (NCL),** Pune, Department of Physics, Fergusson College etc.

2. Results of the Department: For the academic year 2022-23

Class wise Result Analysis (2022-23)

Title of the Course Total no. of students
Distinction Division (No. of students)
I II III Total

	of students appeared					Pass	Fail
F.Y. B.Sc.	76	7	7	3	24	41	35
S.Y. B.Sc.	80	18	18	5	25	66	14
T.Y. B.Sc.	17	6	0	2	7	15	2
M.Sc. I	4	-	-	1		1	3
M.Sc. II	18	3	5	3		5	2

3. Achievements of Students:

- Mr. Siddhesh Agarkar, student of M.Sc. successfully cleared **SET and GATE** Examination.
- Mr. Pooja Battul, student of M.Sc. successfully cleared the GATE Examination.
- Ms. Isha Kabra a student of M.Sc. II was selected for Master of Science in Nanoscience and Nanotechnology, KU LEUVEN University Germany.
- Mr. Datta Nagose a student of M.Sc. II achieved Third position in the Poster making Competition at ‘SCINTILLATION’ held on the occasion of annual science day event by S.P.P.U.
- Ms. Aditi Thakar a T.Y.B.Sc. Student selected for M.Sc. Physics at IIT Gandhinagar through JAM.
- Mr. Rushikesh Mhase a T.Y.B.Sc. student presented a research paper on Synthesis of Zinc Oxide Nanoparticles and won second prize at 18th National Chemical Engineering students Conference MIT, Alandi, Pune
- Mr. Gaurav Narkhede a T.Y.B.Sc. student has participated in Pune Knowledge Cluster’s Citizen Science Programme: One Million Galaxies.
- Mr. Gaurav Narkhede a T.Y.B.Sc. student has participated in Sokendai Asian Winter School, Japan.

- Mr.Gaurav Narkhede a T.Y.B.Sc. student has actively participated in C.K.Majumdar Memorial Workshop held at S.N.Bose National Centre for Basic Sciences,Salt Lake Kolkata.
- Mr.Gaurav Narkhede a T.Y.B.Sc. student has actively participated in the course entitled 'Ancient Indian Astronomy' conducted by Bhandarkar Oriental Research Institute, Heritage India Communications Pvt. Ltd and Nyansa
- Mr.Gaurav Narkhede a T.Y.B.Sc. student has successfully completed the workshop on creating 3 D ILLUSTRATIONS USING Blender organised by Scidart Academy,IISER, Pune.
- Ms. Gayatri Narhe a S.Y.B.Sc.Student secured First prize at Sci-Fest 2024 a National level Technical Event organised by MIT World Peace University.
- Mr.Prasanna Lalwani a S.Y.B.Sc.Student participated in National Student Space Challenge (NSSC 23) organised by IIT Kharagpur.

4. Ph. D. Students' Achievements:

- Mrs. Abhilasha Rokade, Ph. D. Students has presented Poster on the topic "Synthesis of Sn-based perovskite thin films by using microwave drying: Effect of microwave power and solution concentration" in the International conference on AMSCA-2023 held at the Department of Physics, Savitribai Phule Pune University during 21st to 24th November 2023.
- Mrs. Aruna Mancharkar, Ph.D. student has published a paper on Cadmium Hydroxide Nanowires for High Performance Supercapacitor by Chemical Bath Deposition in ES Energy environment journal

5. Contribution by the teaching staff:

- All staff members actively participated in implementation of NEP-2020 Workshops and Conferences organised by S.P.P.U at different colleges under Quality Improvement Program
- All the teaching staff members extended their whole hearted support and cooperation in smooth functioning of the department mostly in offline mode.

6. Achievements of Teaching Staff members:

- Shri S.S.Thengadi has attended one day Workshop On 'National Education Policy 2020' held at MES Abasaheb Garware College,Pune on 10 th August 2023
- Dr. Vaishali Sambhaji Waman's paper entitled "High-performance CH₃NH₃PbI₃:PbS nanorods-based photodetectors fabricated using a slot die technique" is accepted in New Journal of Chemistry having impact factor 3.9.
- Dr. Vaishali Sambhaji Waman, has successfully completed an online Inter-Disciplinary two-week Refresher Course in "Managing Online Classes & Co-creating MOOCS" from 05 - 19 December, 2023 and obtained Grade A⁺.
- Dr. Vaishali Sambhaji Waman attended one week faculty development program on "Innovations in Materials and Processing for Energy, Environment and Electronics (IMPEE)" organized by Department of Engineering Science in association with Centre for Materials for Electronics Technology (C-MET), Pune and Maharashtra Academy of Sciences from 7th to 11th February, 2023.
- Dr. Vaishali S. Waman has organised a workshop on "Hands on Training on Manufacturing Rechargeable LED Bulbs for UG and PG Students' conducted by the Department of Physics in collaboration with Avience Scientific on 18th January 2023.
- Dr. Vaishali S. Waman has judged the projects in Inspire Award Manak 2021-22 DLE for 6th to 10th standard on 11 January 2023.
- Dr. Vaishali S. Waman has published a paper in proceeding of International conference on Advanced Materials Synthesis, Characterization and Applications entitled "To study the incorporation of SnS Nanorods on the stability of CH₃NH₃PbI₃ perovskite in optoelectronic device".
- Dr. Vaishali S. Waman has published a paper in the proceedings of 7th International Conference on Nanoscience and Nanotechnology (ICONN 2023) entitled "Effect of sulphur concentration on NiS nanoparticles synthesised by Hot Injection Method ".

- Dr. Vaishali S. Waman has published a paper in proceeding of 7th International Conference on Nanoscience and Nanotechnology (ICONN 2023) entitled “To study structural and optical properties of SnS Nanorods on the stability of CH₃NH₃PbI₃ Perovskite in optoelectronic devices”.
- Mrs. Archana A. Gadre completed online short term course on “Nanomaterials for Clean and Sustainable Environment” organised by PSGR Krishnammal College of Women , Coimbatore from 17th July to 22nd July 2023
- Mrs Archana A. Gadre completed the online program NEP2020 : Orientation and Sensitization organised by MMC at the Astronomy Centre of Educators, IUCAA, Pune, from 1st February to 14th February 2024
- Mrs. Archana A. Gadre participated in Prof. Babulal Saraf memorial National Workshop on Experimental Physics , organised by IAPT and IPS Academy, Indore from 11th to 16th March 2024
- Dr. Mrs Ruchita Khare participated in Olympiad Exposure Camp in Physics organised by HBCSE November 20-24,2023
- Dr.Mrs Ruchita Khare participated in five days FDP on “Research Methodology” conducted from 7th to 11th Aug 2023 organised by the Department of Basic Science & Humanities.
- Dr.Mrs Ruchita Khare has presented a paper entitled Electrochemical analysis TiO₂-Ppy nanocomposites in Global conference On Sustainable and Futuristic Technologies 2023 dated 14th and 15th December 2023,MMCOE
- Dr.Mrs Ruchita Khare has attended an International Seminar series on Energy Applications organised by Department of Physics, SPPU on 24th February 2024
- Ms. Trupti N. Aher participated in five days FDP on “Research Methodology” conducted from 7th to 11th Aug 2023 organised by the Department of Basic Science & Humanities.
- Ms. Trupti N. Aher has presented a paper entitled Electrochemical analysis TiO₂-Ppy nanocomposites in Global conference On Sustainable and Futuristic Technologies 2023 dated 14th and 15th December 2023,MMCOE .
- Ms. Trupti N. Aher has attended an International Seminar series on Energy Applications organised by Department of Physics, SPPU on 24th February 2024
- Ms. Pooja R. Kulkarni has attended an International Seminar series on Energy Applications organised by Department of Physics, SPPU on 24th February 2024
- Ms. Pooja R. Kulkarni has presented a poster on “Green Synthesis of rGO-MnO₂ composite” in 30th Raman memorial conference organised by Department of Physics, SPPU on March 1-2, 2024 .
- Dr. Padmashree Joshi attended a two day workshop on “Analysis and Interpretation of Materials CharacterizationData” at MIT-WPU held on 30-31st October 2023.
- Mr. Sanket R. Gogte completed 1- week “Capacity building programme for Science teachers teaching at UG level” organised by Maharashtra State Faculty Development Academy (MSFDA) and Homi Bhabha Centre for Science Education (HBCSE), Tata Institute of Fundamental Research (TIFR), Mumbai from 11/03/2024 to 16/04/2024.

7. Contribution by the non-teaching staff:

All the Non Teaching staff members extended their cooperation for conducting practicals for Junior, Senior, Post Graduate and B.Sc. Blended classes successfully.

8. Superannuation/Retirement:

1. Shri Umesh Gawali Subject Incharge Junior Wing retired on 30-06-2023
2. Shri. Anant Ahiwale Lab Attendant retired on 31-01-2024

- Prof. S. S. Thengadi
Head, Dept. of Physics

Department of Statistics

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **Statistics**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. M.M. Sane	HoD and Chairperson of DIQAC	9665750170	sanestats@moderncollegepune.edu.in
2	Dr. A.T. Kamble	Member 1	78410689393	kamblestats@moderncollegepune.edu.in
3	Prof. Waldhe P.S.	Member2	8975037187	waldhestats@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty 08

Non-Teaching Staff

02

Alumni

00

Others

00

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year As a Part of **Statistics Day celebration**, a lecture by Dr. Mohan Kale was arranged on “Statistical methods for TB control and relapse prediction” on 1 st June 2023. He is working as an Associate Professor, Department Statistics, SavitribaiPhule Pune University, Pune

Statistics Fest (Sankhya 2023-24): Department is organizing “Statistics Fest” every year to inculcate logical thinking and to enhance soft skill. In this year Department organized “Statistics Fest” on 16 th February 2024 for F.Y., S.Y., T.Y. B.Sc. Students.

M.Sc. II students organised the fest under the guidance of staff members.

Lean Six Sigma Workshop: Mr.SantoshAvasarkar, Pursullence, Pvt. Ltd. Pune was the resource person for the workshop. M.Sc.I , II year students participated inthe workshop.

Olympiad:Dr.M.M.Sane, Prof. RituAmbekar and Prof. ShivaniGalande prepared questions for Olympiad examination.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Campus recruitment training	One week workshop on Lean Six sigma was organised.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	02			
UG	03			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	05			
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year:03

–1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year: 02

1.2.1 - Number of new courses introduced across all programmes offered during the year: nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
SAS		01	30	48	48
PYTHON		01	30	48	48
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title		No. of students enrolled for Field Projects / Internships			
TYBSC projects		35			
M.Sc. I Field Projects (OJT)		38			
M.Sc. II Projects		48			
M.Sc. II internship		02			

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
11	11	Google Classroom, MS_teams, interactive whiteboard, Projectors, Desktop and Laptops, Printers, Scanners	3	0	e-books, e-journals, websites

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	04	03	01	00	

2.2 No. of permanent faculty with Ph.D.:02

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
		07								07

2.4 No. of Guest and Visiting faculty and Temporary faculty

01

02

07

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	01		
Presented papers			
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

70 %

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	01
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	04	00	04	00
Technical Staff				

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards		
State	National	International

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index
3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year	
Department	No. of publication

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department	Level	International	National	State	University	College
	Number					
	Sponsoring agencies					

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters / Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)(JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
1. Sane's Academy of Artificial Intelligence	29/05/2024	On job training for M.Sc. I Students	02
2. Pursullence Global Business Solutions LPP, India	29/05/2024	On job training for M.Sc. I Students	30
3. Freelance Consultancy Pune	29/05/2024	On job training for M.Sc. I Students	02
4. Statsloom	29/05/2024	On job training for M.Sc. I Students	04

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	32 (laptops) + 11 (desktops)	01	Available with LAN connection	1	1				
Added	0	0	0	0	0				
Total	52	01		01	01				

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
101	87	0	0

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

Female M.Sc. II Open 2203249 JANAKI KAMAL UPADHYAY NEPAL

UG

No	%
49/101	50%

Men

No	%
51/101	50%

Women

PG

Men

No	%
33	38

Women

No	%
54	62

5.2.1 - Number of outgoing students who got placement during the year

On campus

Off Campus

Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
02	32	00	20

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template):02

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year:04

Examinations/ during the year 2017-18														
Registra tion number/ Roll number for the exam	Names of students selected/ qualified													Other examination s conducted by the State / Central Government Agencies (Specify)
	NET	IIT-JAM	SLET/ SET	JRF	GATE	GMAT	CAT	GRE	JAM	IELTS	TOEFL	Civil Services	State government examin ations	
			1.Dipali Jadhav 2. Rahul Bingi 3. Rahul Hirankhede 4.Ganesh Aarote.										1. Shaikh Asif 2.Nakk aAbhis hek	

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

9. Soft Skills
10. Language and Communication Skills
11. Life Skills (Yoga, Physical fitness, Health and Hygiene)
12. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Python	2020	48	NamarataNagargoje
SAS	2019	48	NamarataNagargoje

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
1	Statistics Fest	Fest	Internal	Quiz, Poster competition

Please provide the scan copies related lettersas annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: Syllabus design under NEP(22-23) for SY UG and SY PG, FY NEP(23-24)

6.3.2 Teaching and Learning: Lean sigma workshop was organised for faculty members.

6.3.3 Examination and Evaluation: Question bank prepared

6.3.4 Research and Development:Nil

6.3.5 Library, ICT and physical infrastructure / instrumentation:Nil

6.3.6 Human Resource Management:Nil

6.3.7 Faculty and Staff recruitment:04

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students :To Post graduate students according to SavitribaiPhule Pune University rules.

6.11 Activities and support from the Alumni Association

- Mr.Prashant Kulkarni from CYTEL, Pune contributed in designing syllabus.
- Alumini helped in Campus drive arrangement.
- Mr.NitinPawar, Inventive, Pharmaceutical Company, Pune is a member of BOS.

6.12 Activities and support from the Parent – Teacher Association:Nil

6.13 Development programmes for support staff:Nil

6.14 Initiatives taken by the institution to make the campus eco-friendly:Nil

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

Statistics Projects done by students

CYTEL Statistical software company gives Scholarships *to students*

7.4 Contribution to environmental awareness / protection:Nil

7.6 SWOC Analysis of the Department

Strengths:

- Qualified, experience, dedicated staff.
- ICT infrastructure is good.
- Syllabi are updated with latest topic.

Weaknesses:

- Research activity is required to strengthen
- Faculty development program is to be conducted
- Space constraints.

Opportunities:

- Increasing opportunities in the field of Data Science.
- University Department is nearby.
- Scope for interaction with other reputed institutions (Agriculture College , Gokhale Institute, Meteorological Department).
- Alumni can be helpful for placement.

Challenges:

- Ever-changing skill set
- To motivate faculty for research.
- Space constraints

8. Plans of Department for next year

- *M.Sc. Projects to be published through research activity*
- *To enhance the placement activity*
- *Preparation of study material*

Name 1: Dr.Kamble A.T.

Name :Dr.Sane M.M.

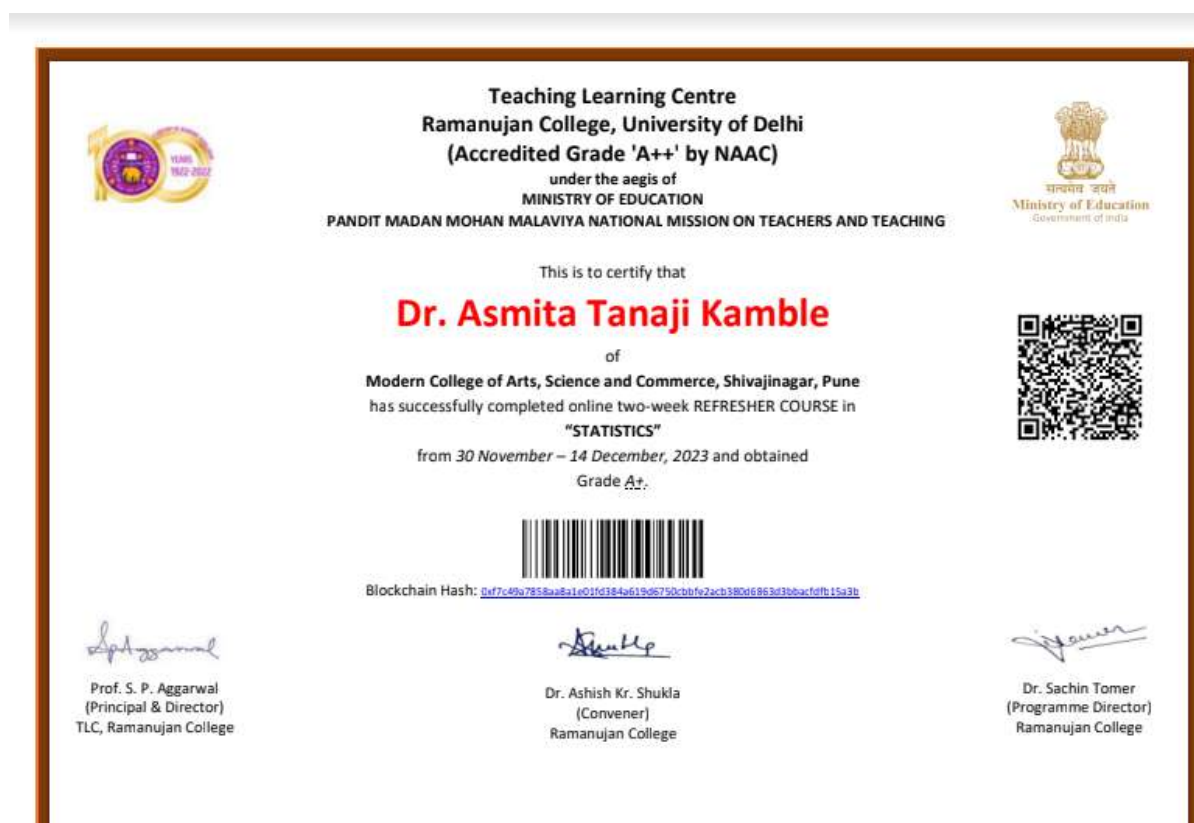
Name 2 :Prof. Waldhe P.S.

Name and Signature of the Members, DIQAC

Signature of the Chairperson,DIQAC

Annexure:

Faculty member attended workshops/orientation/refresher course





Teaching Learning Centre
Ramanujan College, University of Delhi
(Accredited Grade 'A++' by NAAC)

under the aegis of
MINISTRY OF EDUCATION
PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING



This is to certify that

Prof. Waldhe Pravin Santosh

of

Department of Statistics, Modern college of Arts, Science and Commerce (Autonomous),
Shivajinagar, Pune-411005.

successfully completed a 4-Week Faculty Induction/Orientation Programme for

"Faculty in Universities/Colleges/Institutes of Higher Education"

from 22 January – 20 February, 2024 and obtained

Grade A+.



Blockchain Hash: [0xb26fadb0a4d7236d9101d340e72ba977b1a0edf5e9bd1832ace42dbb969cb90](https://etherscan.io/tx/0xb26fadb0a4d7236d9101d340e72ba977b1a0edf5e9bd1832ace42dbb969cb90)



Prof. S. P. Aggarwal
(Principal & Director)
TLC, Ramanujan College

Dr. Ashish Kumar Shukla
(Course Coordinator)
Ramanujan College

Dr. Nikhil Kr. Rajput
(Deputy Director)
TLC, Ramanujan College

Internships completed by students

Experience certificate



November 04, 2023 Reference : ETHDC/HR/EMP/2023/11/001
Your reference : Review and discussions
ETHDC SPOC : Mr. Sunil Dattawade (sunil.dattawade@ethdc.in)

EXPERIENCE CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is to certify that MS. ADITI RAIBAGKAR has served in our organization as DATA ANALYST – PROJECT INTERN from 10th January 2021 to 15th May 2023 and now working as BUSINESS ANALYST from 15th May 2023 to till date.

Ms. Aditi is responsible for the Development and Deployment of data analytics application which will provide Student and Teacher Performance Analytics through interactive dashboards and reports.

She demonstrates dedication, a strong work ethic and a high level of professionalism and her efforts are greatly appreciated by both colleagues and supervisors.

We wish her all the success in future endeavors.

For **ETHDC Technologies Pvt. Ltd.**

Sunil Dattawade
Manager – HR

Acti
Gote

Workshop attended by students

Certificate No. F. No. Y-11011/06/PG&UG/2018-19/NSSTA/22





भारत सरकार
Government of India
सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय
Ministry of Statistics & Programme Implementation
राष्ट्रीय सांख्यिकीय प्रणाली प्रशिक्षण अकादमी
National Statistical Systems Training Academy

यह प्रमाणपत्र सुश्री अश्विनी रामनाथ राणा, पी.जी. विद्यार्थी, मॉडर्न कॉलेज ऑफ आर्ट्स साइंस एंड कॉमर्स को 1 से 5 जनवरी, 2024 की समयावधि में राष्ट्रीय सांख्यिकीय प्रणाली प्रशिक्षण अकादमी, ग्रेटर नोएडा द्वारा भारतीय विश्वविद्यालयों/महाविद्यालयों के सांख्यिकी विभाग और अर्थशास्त्र विभाग के यू.जी. और पी.जी. विद्यार्थियों के लिए संचालित "आधिकारिक सांख्यिकी" पर आधारित प्रशिक्षण कार्यक्रम के सफल समापन हेतु प्रदान किया जाता है।

This certificate is awarded to Ms. Ashwini Ramnath Rana, P.G. Student, Modern College of Arts, Sci. & Com. for successful completion of the training programme on "Official Statistics" conducted for U.G. and P.G. students of Department of Statistics and Department of Economics of Indian Universities/ Colleges from 01st to 05th January, 2024 at National Statistical Systems Training Academy, Greater Noida.


(गजेन्द्र सोनी/ Gajendra Soni)
पाठ्यक्रम समन्वयक/Course Co-ordinator


(आलोक कुमार वर्मा/ Alok Kumar Verma)
पाठ्यक्रम निदेशक/ Course Director

Certificate No. F. No. Y-11011/06/PG&UG/2018-19/NSSTA/23





भारत सरकार
Government of India
सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय
Ministry of Statistics & Programme Implementation
राष्ट्रीय सांख्यिकीय प्रणाली प्रशिक्षण अकादमी
National Statistical Systems Training Academy

यह प्रमाणपत्र श्री घोगरे विजय संभाजी, पी.जी. विद्यार्थी, मॉडर्न कॉलेज ऑफ आर्ट्स साइंस एंड कॉमर्स को 1 से 5 जनवरी, 2024 की समयावधि में राष्ट्रीय सांख्यिकीय प्रणाली प्रशिक्षण अकादमी, ग्रेटर नोएडा द्वारा भारतीय विश्वविद्यालयों/महाविद्यालयों के सांख्यिकी विभाग और अर्थशास्त्र विभाग के यू.जी. और पी.जी. विद्यार्थियों के लिए संचालित "आधिकारिक सांख्यिकी" पर आधारित प्रशिक्षण कार्यक्रम के सफल समापन हेतु प्रदान किया जाता है।

This certificate is awarded to Shri Ghogare Vijay Sambhaji, P.G. Student, Modern College of Arts, Sci. & Com. for successful completion of the training programme on "Official Statistics" conducted for U.G. and P.G. students of Department of Statistics and Department of Economics of Indian Universities/ Colleges from 01st to 05th January, 2024 at National Statistical Systems Training Academy, Greater Noida.


(गजेन्द्र सोनी/ Gajendra Soni)
पाठ्यक्रम समन्वयक/Course Co-ordinator


(आलोक कुमार वर्मा/ Alok Kumar Verma)
पाठ्यक्रम निदेशक/ Course Director

Students Placement

Directorate of Census Operations, Maharashtra
maha@cen.2011.ad-12023-24(930)2
Exchange Building, 2nd Floor, Sir Shivajinagar Rampadam Marg
4th side, 400001
Ballard Estate, Mumbai-400001
Tel./Fax: 22691266 Tel.: 22615494, E-mail: dcen-mah.rg@cenusindia.gov.in
A-12011/01Ad-12023-24(930)2 Dated: 16/05/2023
To,
Sheikh Asif Mohammad
Sr No 2 In Bhurute Chawl Yashshree Colony Opposite Chandi Hotel Near Rajaram Bridge
Pune Maharashtra-411052
asifmshaikh007@gmail.com

Subject: - Offer of appointment for the post of Statistical Investigator Gr. II -reg.

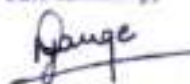
Sir/Madam,

On your selection by the Staff Selection Commission (SSC), the Office of the Registrar General, India is pleased to appoint **Sheikh Asif Mohammad**, to the post of Statistical Investigator Gr. II in ORGI. Recommended place of posting Directorate of Census Operations, Maharashtra. You are hereby offered temporary appointment to the said post on the following terms and conditions:

1. This post is Non-ministerial and carries the Level 6 of the pay matrix Rs. 35400-112400, General Central Service, Group 'B', Non-Gazetted, Non-Ministerial). If you are already in Government service, your pay will be fixed in the above scale in accordance with rules and conditions prevailing at the time. If you are not a government servant, you will be entitled to the minimum of the pay scale of the post. Dearness and other allowances will be admissible under the rules governing the grant of such allowance in force from time to time.
2. Your appointment will be purely on a temporary basis and until further orders.
3. Your services will be terminable on the months' notice from either side in accordance with the Central Civil Service (Temporary Service) Rules, 1965, without assigning any reasons. The Appointing Authority, however, reserves the right of terminating your services forthwith or before the expiration of the stipulated period of notice by making payment to you of a sum equivalent to the pay and allowances for the period of notice or the unexpired portion thereof.
4. You will be on probation for two years from the date of appointment, the period may be extended at the discretion of the Competent Authority. On completion of probationary period satisfactorily, you will be considered for confirmation in the said post.
5. In regard to Leave, Traveling, Allowances, Pension and all other service matters connected with service conditions, you will be governed by the rules and orders in force from time to time and applicable to the branch of public service to which you may belong.
6. You will be liable to be posted and transferred anywhere in India.
7. You will not be entitled to Traveling Allowance for joining the post unless you are a permanent Government servant or have completed three years of temporary service.
8. On joining the post, you will be required to take an Oath of Allegiance to the Constitution of India or make a solemn affirmation to that effect.
9. If you are already employed, you should produce a relieving order from the employer.

10. If you claim to belong to Scheduled Caste, Scheduled Tribe or Other Backward Classes, you have to produce a certificate issued in the prescribed form by any of the Judicial Revenue Authorities mentioned therein. You should note that your appointment will be provisional and is subject to verification of the Caste / Tribe certificate through proper channels and that if your claim to belong to SC/ST/OBC is found to be false, the services will be terminated forthwith without assigning any reason and without prejudice to such further action that may be taken under the Indian Penal Code for production of false certificate. You should also intimate the change, if any, of your religion, after appointment, immediately to the Appointing / Administrative Authorities concerned.
11. In accordance with the relevant rules in force in regard to the recruitment to services under the Government of India,
- No person who has more than one wife living or who, having a spouse living, contracts a second marriage, through such marriage is void by reason of it taking place during the life-time of such spouse, shall be eligible for appointment to service, provided that the Central Government may, if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.
 - No such woman whose marriage is void by reason of it taking place during the life-time of her spouse or who has married to such a person whose wife is living at the time of marriage shall be eligible for appointment in service unless the Government of India has granted exemption to such a woman in accordance with this rule after being satisfied that there are special grounds for so ordering.
12. This offer of appointment is, therefore, conditional upon your satisfying the requirement mentioned and furnishing declaration in the form enclosed to this letter, along with your reply. If, however, you do not fulfill the above condition and you desire to be exempted from the above-mentioned rules any reason, you should make a representation in this behalf immediately. This offer of appointment should in that case be treated as cancelled and a further communication will be sent to you in due course, if upon consideration of your representation, it is decided to offer you, appointment to post of Statistical Investigator Gr. II.
13. This offer of appointment is further subject to your producing a medical certificate of fitness in the form enclose from a "Civil Surgeon, or District Medical Officer or a Medical Officer of equivalent status / Assistant Surgeon, Grade 1 (Woman) under the CGHS, Delhi/a Registered Female Medical Practitioner/Authorized Medical Attendant or a Government Medical Officer of the nearest dispensary or hospital.
14. If any declaration given or information furnished by you is proved to be false or if you are found to have wilfully suppressed any marital information, you will be liable for removal from service and other action as Government may deem necessary.
15. If you accept the offer on the above terms and conditions, you are requested to intimate your acceptance to the undersigned and report yourself for duty immediately but in any case, not later than one month.

Yours faithfully,



(Dr. Nirupama J. Dange, IAS)
Director of Census Operations,
Maharashtra, Mumbai.

16 MAY 2023



IMMEDIATE / RPAID EMAIL

Government of India, Ministry of Home Affairs
Directorate of Census Operations, Maharashtra
Exchange Building, 2nd Floor, Sir Shivrao Bangalore Marg
Baliard Estate, Mumbai-400001
Tel./Fax : 22691366 Tel.: 22615494, E-mail : doc-mah.org@govindia.gov.in



A-12011/01Ad-I/2023-24(935)/6
To, **Nakha Abhishek Dharmendra**
Bidi Kamgar Society Yerwade Pune Maharashtra-411046
abhisheknaik29@gmail.com
Date: 16/05/2023

Subject: - Offer of appointment for the post of Statistical Investigator Gr. II -reg.

Sir/Madam,

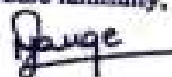
On your selection by the Staff Selection Commission (SSC), the Office of the Registrar General, India is pleased to appoint Nakha Abhishek Dharmendra, to the post of Statistical Investigator Gr. II in ORGI. Recommended place of posting Directorate of Census Operations, Maharashtra. You are hereby offered temporary appointment to the said post on the following terms and conditions:

1. This post is Non-ministerial and carries the Level 6 of the pay matrix Rs. 35400-112400, General Central Service, Group 'B', Non-Gazetted, Non-Ministerial). If you are already in Government service, your pay will be fixed in the above scale in accordance with rules and conditions prevailing at the time. If you are not a government servant, you will be entitled to the minimum of the pay scale of the post. Dearness and other allowances will be admissible under the rules governing the grant of such allowance in force from time to time.
2. Your appointment will be purely on a temporary basis and until further orders.
3. Your services will be terminable on the months' notice from either side in accordance with the Central Civil Service (Temporary Service) Rules, 1965, without assigning any reasons. The Appointing Authority, however, reserves the right of terminating your services forthwith or before the expiration of the stipulated period of notice by making payment to you of a sum equivalent to the pay and allowances for the period of notice or the unexpired portion thereof.
4. You will be on probation for two years from the date of appointment, the period may be extended at the discretion of the Competent Authority. On completion of probationary period satisfactorily, you will be considered for confirmation in the said post.
5. In regard to Leave, Traveling, Allowances, Pension and all other service matters connected with service conditions, you will be governed by the rules and orders in force from time to time and applicable to the branch of public service to which you may belong.
6. You will be liable to be posted and transferred anywhere in India.
7. You will not be entitled to Traveling Allowance for joining the post unless you are a permanent Government servant or have completed three years of temporary service.
8. On joining the post, you will be required to take an Oath of Allegiance to the Constitution of India or make a solemn affirmation to that effect.
9. If you are already employed, you should produce a relieving order from the employer.

10. If you claim to belong to Scheduled Caste, Scheduled Tribe or Other Backward Classes, you have to produce a certificate issued in the prescribed form by any of the Judicial/ Revenue Authorities mentioned therein. You should note that your appointment will be provisional and is subject to verification of the Caste / Tribe certificate through proper channels and that if your claim to belong to SC/ST/OBC is found to be false, the services will be terminated forthwith without assigning any reason and without prejudice to such further action that may be taken under the Indian Penal Code for production of false certificate. You should also intimate the change, if any, of your religion, after appointment, immediately to the Appointing / Administrative Authorities concerned.
11. In accordance with the relevant rules in force in regard to the recruitment to services under the Government of India.
- No person who has more than one wife living or who, having a spouse living, contracts a second marriage, through such marriage is void by reason of it taking place during the life-time of such spouse, shall be eligible for appointment to service, provided that the Central Government may, if satisfied that there are special grounds for so ordering, exempt any person from the operation of this rule.
 - No such woman whose marriage is void by reason of it taking place during the life-time of her spouse or who has married to such a person whose wife is living at the time of marriage shall be eligible for appointment in service unless the Government of India has granted exemption to such a woman in accordance with this rule after being satisfied that there are special grounds for so ordering.
12. This offer of appointment is, therefore, conditional upon your satisfying the requirement mentioned and furnishing declaration in the form enclosed to this letter, along with your reply. If, however, you do not fulfill the above condition and you desire to be exempted from the above-mentioned rules any reason, you should make a representation in this behalf immediately. This offer of appointment should in that case be treated as cancelled and a further communication will be sent to you in due course, if upon consideration of your representation, it is decided to offer you, appointment to post of Statistical Investigator Gr. II.
13. This offer of appointment is further subject to your producing a medical certificate of fitness in the form enclose from a "Civil Surgeon, or District Medical Officer or a Medical Officer of equivalent status / Assistant Surgeon, Grade I (Women) under the CGHS, Delhi's Registered Female Medical Practitioner/Authorized Medical Attendant or a Government Medical Officer of the nearest dispensary or hospital.
14. If any declaration given or information furnished by you is proved to be false or if you are found to have wilfully suppressed any marital information, you will be liable for removal from service and other action as Government may deem necessary.
15. If you accept the offer on the above terms and conditions, you are requested to intimate your acceptance to the undersigned and report yourself for duty immediately but in any case, not later than one month.

16 MAY 2023

Yours faithfully,



(Dr. Nirupama J. Dange, IAS)
Director of Census Operations,
Maharashtra, Mumbai.

Students achievement

Electronic Certificate Number: 23245804

MAHARASHTRA STATE ELIGIBILITY TEST (M-SET)
(SPPU Nodal Agency Accredited by UGC & Nominated by Government of Maharashtra and Goa.)



SAVITRIBAI PHULE PUNE UNIVERSITY
ELIGIBILITY TEST FOR ASSISTANT PROFESSOR
(Valid in the States of Maharashtra & Goa only)

SET Ref. No.: 5804/(SET-MAR 2023) Seat No.: 699396

Certified that **BINGI RAHUL PRAKASH**
Son of **BINGI PRAKASH VYANKATESH**
and **BINGI RUKMINI PRAKASH**,
has qualified for MAHARASHTRA SET for eligibility for Assistant
Professor, held on 26th March 2023 in the subject **Mathematical
Sciences**.



As per the information provided by the candidate, he had completed his Master's degree or
equivalent examination at the time of applying for SET.

The date of eligibility for Assistant Professor is the date of declaration of SET result, i.e.,
27/06/2023.

This is an electronic certificate only, its authenticity and category in which the candidate had
appeared should be verified from the Nodal Agency by the Institution/Appointing Authority.
This electronic certificate can also be verified by scanning Bar code printed on the electronic
certificate.

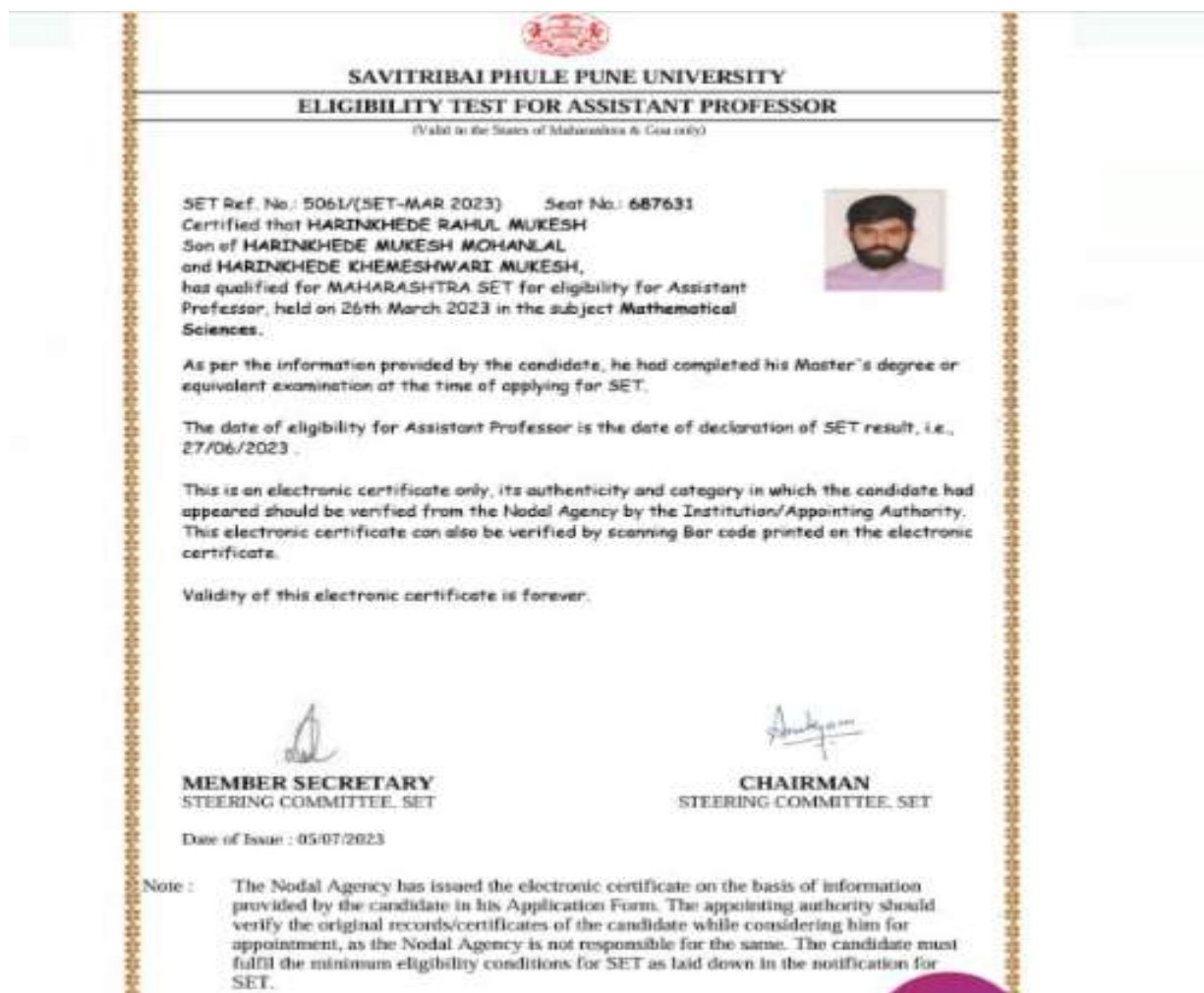
Validity of this electronic certificate is forever.


MEMBER SECRETARY
STEERING COMMITTEE, SET


CHAIRMAN
STEERING COMMITTEE, SET

Date of Issue : 05/07/2023

Note : The Nodal Agency has issued the electronic certificate on the basis of information
provided by the candidate in his Application Form. The appointing authority should
verify the original records/certificates of the candidate while considering him for
appointment as the Nodal Agency is not responsible for the same. The candidate must



The Department of Statistics organized the following academic activities during the year 2023-24.

*As a Part of the Statistics Day celebration, a lecture by Dr. Mohan Kale was arranged on "Statistical methods for TB control and relapse prediction" on 1st June 2023. He is working as an Associate Professor, Department Statistics, Savitribai Phule Pune University, Pune

Statistics Fest (Sankhya 2023-24): Department is organizing "Statistics Fest" every year to inculcate logical thinking and to enhance soft skills. This year the Department organized "Statistics Fest" on 16th February 2024 for F.Y., S.Y., T.Y. B.Sc. Students. Second year M.Sc. students organised the fest under the guidance of staff members.

Following activities were conducted:

A) Quiz: Five teams, each containing one FYBSc, two SYBSc and one TYBSc students were formed for this activity.

Winners of Quiz competition:

First Prize:

1. Siddharth Sinnarkar
2. Maithili Nimgaokar
3. Nishant Sonawane
4. Rucha Hiray
5. Aniket Kamble

Second Prize:

1. Aarti Vikam
2. Rohit Shere

3. Arya Borsutkar
4. Abhishek Jadhav
5. Arya Kadam

B) Poster Presentation: This activity was especially arranged for T.Y. B.Sc. and M.Sc. Students. Total of 7 groups participated in this activity.

First prize : Minal Bhasme, Tejas Bhasme (M.Sc. I)

Second prize : Asawari Jadhav (M.Sc. II)

Mr. Aditya Hasurkar was chief guest for this program. He is an alumni of the Department and is currently working in the U.K. He worked as a judge for the poster competition. He observed each poster very critically and gave suggestions for further improvement. He also addressed students about how to do projects, how to think while doing the project and how it will be beneficial at the time of interview for a job.

- **Lean Six Sigma Workshop:** Mr. Santosh Avasarkar, Pursullence, Pvt. Ltd. Pune was the resource person for the workshop. M.Sc. First and Second year students (40 in number) participated in the workshop.
- **Entrance Examination:** Entrance examination of M.Sc. Statistics held on 14-07-2023. The number of students who appeared was 153.
- **Olympiad:** Statistics Olympiad is conducted by AIMSCS, Hyderabad. This year three staff members Dr Manisha Sane, Prof Ritu Ambekar and Prof. Shivani Galande contributed by setting 100 questions each for the Olympiad.

1. Participation and Achievements of Students:

- **Training at NSSTA Delhi:**

Our two M.Sc. II year students Ashwini Rana and Vijay Ghogare completed the training on “Official Statistics” conducted by National Statistical Systems Training Academy Greater Noida during 1-5 January 2024.

- **Internship**

- i) Gitanjali Gavhane, M.Sc. II student successfully completed the internship project through Data Science conducted by Aivariant during 13-05-2022 to 13-02-2023.
- ii) Aditi Raibagkar , M.Sc. II student has served in an organisation DATA ANALYST-PROJECT INTERN from 10-01-2021 to 15-05-2023 and working as BUSINESS ANALYST from 15-05-2023.

- **Selection in Air Force:**

Siddhi Ghadage, M.Sc. II student got selected as flying officer in Indian Air force.

- **Qualified SET examination:**

List of Past students who qualified SET examinations is as follows:

1. Dipali Jadhav(2018-2019)
2. Rahul Hirankhede
3. Rahul Bingi
4. Ganesh Aarote.

- **Passed MPSC examination:**

Two T.Y.B.Sc. past students, Shaikh Asif and Nakka Abhishek are selected for the post of Statistical Investigator by Staff Selection Commission.

- Siddharth Sinnarkar, a T.Y.B.Sc. student got the first prize in a competition organised by the Department of Mathematics, Modern College of Arts, Science and Commerce, Pune-05 on the occasion of National Mathematics Day held on 22-12-2023.

- **Placement:**

Navikenz, a digital tech service organization and Up Think, a E-tutoring services for Mathematics and Statistics visited for campus drive.

2. Workshops attended:

Dr. A. T. Kamble

- i) Successfully completed online two-week refresher course in “Statistics” from 30 November – 14 December, 2023 conducted by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
- ii) Participated in the International online workshop on Research Methodology during 6-8 January 2024.

Prof. P.S. Waldhe

- i) Successfully completed online three-week ONLINE COURSE in “STATISTICS” from 22-01-2024 to 20-02-2024 conducted by Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of ministry of education pandit madan mohan malaviya national mission on teachers and teaching.

3. Achievements and Publications.

Dr. M. M. Sane:

- Coordinated training at National Statistical Systems Training Academy, Delhi for M.Sc. students.
- Worked as coordinator for Lean Six Sigma Workshop
- Worked as coordinator for Statistics Fest 2023-24.
- Contributed in the Statistics Olympiad organised by AIMSCS, Hyderabad.
- **Prof. T. N. Choudhary:** Qualified SET examination.
- **Prof. Sarika Khirid:** Worked as coordinator for Statistics Fest 2023-24.
- **Prof Shivani Galande:** Contributed in the Statistics Olympiad organised by AIMSCS, Hyderabad.
- **Prof. Ritu Ambekar:** Selected as a Statistical Investigator in the Public Health Department

4. Miscellaneous (e-governance and extension):

- i Dr. Asmita. T. Kamble is working as a Nodal Officer of Modern College for All India Survey on Higher Education by MHRD Government of India and National Ranking Framework (NIRF).
- ii Prof. Pravin S. Waldhe worked as subject expert in statistics for CHB lectureship interview panel at SP college on 18-01-2024.

5. Scholarships/ Funds: 2023-2024

Sr. No. - Scholarship sponsored by - No. of Beneficiaries - Amount

- 1 Cytel software Ltd. Pune (under Corporate Social Responsibility scheme) – 31 : Rs.190000
- 2 Potnis Financial Assistance – 01 : Rs.4500

- Dr. M. M. Sane

Head, Department of Statistics

Department of Zoology

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: **Zoology**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. B.T. Kalbage	HoD and Chairperson of DIQAC	8766588734	hodzoology@moderncollegepune.edu.in
2	Dr. P.S. Kudnar	Member 1	996040465	kudnarzoology@moderncollegepune.edu.in
3	Dr. Y.S.Shinde	Member2	9970941968	shindezoology@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. 9 Faculty
Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ **Workshops**/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes : Workshops: 1. Animal Model in Developmental Biology

2. Integrated Vermitechnology for Solid Waste Management.

Pl attach a Conference report as annexure

2.14 **Significant Activities conducted by the Department / DIQAC in the academic year**

1. Wild Life week- Photography and Poster competition on Wild life – 10/10/2023

2. Zoovision Exhibition – Poster and Model competition. 23rd January 2024

3. Zooquiz – Quiz competition held on 20th January 2024

4. Rangoli competition – 23/1/2024

5. Photography competition- 24/1/2024

6. Essay competition- 24/1/2024

7. Seminar Presentations- 24/1/2024

8. Drawing competition-24/1/2024

Guest Lectures- 1) Prof. N.M. Naidu (Former HOD, Zoology): 'Pattern formation in Drosophila' 8th & 9th May 2023.

2) Dr. Sameer Padhye(Biologia Life Science)-'An overview on a variety of animal Biodiversity studies using freshwater animals as a model system.- 2/8/2024

3) Dr. Rahul Marathe (Mitrakida Foundation) Fascinating world of Insects. – 5/10/2023

4) Dr. Shriram Jogalekar- 'Nanotechnology and Future' – 11/1/2024

5) Dr. Sameer Padhye(Biologia Life Science)-'How to choose appropriate journal for research publication? – 19/1/2024

6) Prof. N.M. Naidu (Former HOD, Zoology):- Insect Development- 5th , 6th and 7th March 2024.

- **Vermiculture workshop:** “Integrated Vermitechnology course for solid waste Management” was organized by Zoology department in collaboration with INORA, Pune on 9th and 11th March 2024. This course was sponsored by BSD, Savitribai Phule Pune University.
- **Five days Bee keeping Training course-** Organized by Dept of Zoology in collaboration with CBRTI, Pune from 4/3/2024 to 8/3/2024

Study Tours- In this year S.Y.B.Sc. Zoology study tour was arranged on Monday, 14th August 2023 to Government Fish Seed Farm, Hadapsar, Pune, On 1st March 2024 A study tour was arranged to Apiculture Institute, Mahabaleshwar. Students were really benefited by these visits. T.Y.B.Sc. Study Tour was arranged Malwan, Sawantwadi, Amboli from 26th February to 29th February 2024.

M.Sc. Study Tour was Arranged to Nagerhole Wild Life Sanctuary , Mysore Zoological park and Coorg, Karnataka from 18/2/2024 to 23/2/2024.

Parents meet- The parent- students meeting of T.Y.B.Sc. Zoology student was held on 6th January 2024 and M.Sc. I and M.Sc. II Zoology student parent meeting was held on 13th January 2024.

2.15 Plan of Action by DIQAC/Outcome (Academic Year- 2023-24)

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Sr. No.	Plan of Action	Achievements
1 2 3 4 5 6 7. 8. 9 10	June/july/ -23 Admission process, Pre- Ph.D. proposal presentation August -23, Guest lecture, SYB.Sc visit September – Internal exams. Ph. D. Related activities- October- Wild life week - Guest lecture, Nov./Dec.-, ESE Exams Jan,2024- Zoo-vision, Zoo-quiz, Poster competition, Photography competition, Essay competition, Guest lectures, Parents meeting Feb. 24 - CIE exams, AAA audit, Study tours. Progress reports of Ph. D. students Mar. 23- S.Y. B.Sc. study visit, Practical exams. Bee keeping Training course Vermitechnology Workshop, Guest Lectures April-23 – ESE Exams	1. All staff involve in Admission 2. In May-23 Shruti Yeola, Sameer 3) Padhye Guest Lecture, S.Y. Study visit to fishery 4) CIE exams, - Progress reports presentation 5. Poster , photography competition and Rahul Marathe's Guest lecture on Wild life was arranged. 6. ESE Exams 7) Zoo-vision Activities were conducted. Two Guest lectures were organised. T.Y.B.sc. and M.Sc. students – Parent meet was arranged 8) AAA audit was conducted (2022-23), CIE exams were conducted, T.Y. and M.Sc study tours arranged. Progress reports presentation was held. 9) Vermitechnology workshop was taken. S.Y.B.Sc. study visit to Apiculture, Mahabaleshwar. Bee Keeping Training course was organised, Guest lectures of Naidu sir to M.Sc. students 10) ESE Exams

** Attach the Academic Calendar of the year as Annexure.*

DEPARTMENT OF ZOOLOGY

ACADEMIC CALENDER (Planning) Year- 2023-2024

- 1) May/ June -2023 – BOS meetings for NEP 2020 syllabus framing for B.Sc. & M.Sc.
- 2) June/July -2023 - Admission process and commencement of first Sem teaching. And M.Sc II
- 3) August -2023 - Guest lecture , S.Y.B.Sc. visit to fish seed farm.

- 4) September 2023 – CIE exams. of all B.Sc. students, CIE of M.Sc. students
- 5) October-2023- Celebration of Wild Life week – Guest lecture , wild life photography and poster competition. Practical exams. of all UG classes.
- 6) November- 2023- Diwali vacation, ESE exams. M.Sc.II Practical exams.
- 7) December-2023 – Guest lectures, M.Sc I Practical exams
- 8) December- 23 Ph.D. related activities.
- 9) January-2024 -Organising zoo-vision, zoo-quiz, poster competition.
- 10) January/February – 2024- Organising workshop of Research activity, Apiculture, Vermiculture, Establishment of Butterfly garden
- 11) Study tours of T.Y.B.Sc./ SYBSC / FYBSC/ MSC classes.
- 12) February 2023 - CIE exams. of all B.Sc. students, CIE of M.Sc. students
- 13) March 2023 – CIE exams of M.Sc.,
- 14) April 2023 – ESE practicals and theory exams of B.Sc. and M.Sc. students.

Date: 24/07/2023

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	one			
PG	One			
UG	One			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	3	1- Bee Keeping Training course		2- a) Animal Model b) Vermitechnology
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year -4

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year - 3

1.2.1 - Number of new courses introduced across all programmes offered during the year -8

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System-24

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title – M.Sc II	No. of students enrolled for Field Projects / Internships
Study of Microbial flora of foot and faecal matter of <i>Achatina fulica</i> – Pranav Wable	M.Sc. II =20 students Projects and M.SC. I -15 students OJT

Study of Microbial flora of skin of <i>Achatina fulica</i> – Rashmi Badere	
Western diet decreases life span in <i>D. melanogaster</i> – Sonali Dombale	
Entomo-faunal diversity of insects in vicinity of Gorewada lake and reservoir, Nagpur, India – Mahima Shiware	
Gastro-intestinal parasite of Domestic chickens – Dakshata Chavan	
Diabetes – Shrushti Jadhav	
Molecular docking and anti-bacterial activity of synthetic azole derivatives – Omkar Kalaskar	
Study of diversity of insects in different habitats of Taljai hills, Pune, Maharashtra – Diksha Dhamdhare	
Diversity and distribution of agricultural insect pest on major crops and their effective pest control methods in Village Ghirni, Malkapur tehsil, Buldhana, Maharashtra – Vaishnavi Chopde	
Anti-bacterial activity of some Isoxazole Derivatives – Vaishnavi Awatade	
Investigating the Insecticidal Properties of Mahanarayan Taila Herbal essential oil on Cockroaches (<i>P. Americana</i>) – A Comprehensive Study – Apeksha Ghonekar	
Effect of Anti-oxidants on oxidative DNA repair capacity of pancreatic beta cells compared to liver cells – Vedang Doiphode	
Personalized medicine in PCOS management: Tailoring lifestyle intervention and hormonal fluctuations- Vaidehi Pimprikar	
Insect diversity and Abundance in Charwad garden, Pune – Ankita Kulkarni	
Western diet alters fecundity in adult <i>D. melanogaster</i> – Sakshi Upadhyay	
Evaluating the effect of neem coated urea on morphology and budding of <i>H. viridissima</i> and its possible use as supplement to Hydra medium – Varsha Satras	
Insights of menstrual disorders: Prevalence, impact and management strategies – Nikita Kale	
Study effect of surfactants on morphology and regenerative performance of <i>H. viridissima</i> – Sukanya Aru	

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
10	10	Projectors , WI-FI, Subject Softwares	2-Labs and Classrooms		e-Journals, e-books Simulation dissections

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
4	4	nil	nil	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
4	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and

Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	2	1	1
Presented papers	1		
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Pedagogy, Field visit for Biodiversity study (Photographs and Description)

2.9 No. Of faculty members involved in curriculu-10

restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1.	Dr. Bharat T. Kalbage	(HOD & Chairman)	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
2.	Dr. P.S. Kudnar	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
3.	Dr. Yugandhar S. Shinde	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
4.	Dr. Shubhangi S. Puranik	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
5.	Dr. Priyanka Dutta Saha	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
6.	Ms. Varada G. Kulkarni	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
7.	Ms. Shilpa S. Mandlik	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
8.	Ms. Gauri Shahane	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
9.	Ms. Netra Kulkarni	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023
10.	Ms. Shruti M. Yeola	Member	30 th June 2023, 18 th May 2023 06/03/2024, 29 th May 2023

2.10 Average percentage of attendance of students –

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes : -

Internal Assessments, Assignments, seminars, Group discussion, Pedagogy, Home Assignments

2.13 Initiatives undertaken towards faculty development by the department Nil

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff		-	-	
Technical Staff	1	Nil	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year Nil

3.2.3 - Number of teachers recognised as research guides -2

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution ?/If not,when did he/she leave the institution ?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. B.T.Kalbaghe	Ph.D.			Yes			
Dr. P.S.Kudnar	Ph.D.			Yes			
Dr.Y.S. Shinde	Ph.D.	yes	2020	Yes	1)Ms. Renuka Khairnar	23/05/2022	1.Taxonomy, Ecology and Biodiversity of freshwater Ostracoda (Crustacea) of northern part of Maharashtra”
Dr.Y.S. Shinde	Ph.D.	yes	2020	Yes	2) Shruti Yeola	11/5/2023	. Ecological studies on community structure of microcrustaceans from temporary waterbodies of Pune region

Dr. S.S. Puranik	Ph.D.	Yes	2014	Yes	1.Mr. Imran Patel	28/3/2018	1.characterization and biomedical application of biogenically fabricated metal nanoparticlcal
Dr. S.S. Puranik	Ph.D.	Yes	2014	Yes	2.Prachi Surwade	01/7/2022	.Anticancer and Antioxidant Activities of nanoparticles derived from <i>Phyllanthus emblica</i> Linn.”
Dr. S.S. Puranik	Ph.D.	Yes	2014	Yes	3.Mohi naz Mehadi	29/7/2022	. <i>In vitro</i> studies of medicinal efficacies of <i>Xylocarpus granatum</i> J. Koenig derived nanoparticles.”

3.3.1 Incentive to the teachers who receive recognition/awards- Nil

3.3.2 Ph. Ds awarded during the year - Nil

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects- Nil

3.3 Details regarding minor projects NIL

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals	05	01	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

Sr. No	Name of the Staff Member	Title of the paper	Journal Name, ISSN Number	Volume Issue, Date of publication	Impact Factor of journal
1	Dr. Yugandhar Shinde	Faunistic overview of the freshwater zooplankton from the urban riverine habitats of Pune	<i>Journal of Threatened Taxa</i>	15 (9), 23879-23888	2023
2	Dr. P. S. Kudnar	Report of Bathycoelia indica Dallas, 1851 (Hemiptera: Heteroptera: Pentatomidae) as a pest of pomegranate Punica granatum L. cultivated in Maharashtra State	<i>Journal of Threatened Taxa</i>		2023
3	Dr. H. V. Ghate- (Former HOD of Zoology)	Rediscovery and redescription of Urolabida nilgirica Yang (Hemiptera: Heteroptera: Urostylididae) from India.	<i>Journal of Threatened Taxa</i>	15(4)	2023

		Rediscovery and redescription of Urostylis parapunctigera (Hemiptera: Urostylididae) infesting Magnolia champaka in northeast India.	Entomological News	130(5): 437–444.	2023
		Report of Bathycoelia indica Dallas, 1851 (Hemiptera:Heteroptera: Pentatomidae) as a pest of pomegranate Punica granatum L. cultivated in Maharashtra State.	Journal of Threatened Taxa	16(1)	2024
		Faunal inventory and illustrated taxonomic keys to aquatic Coleoptera (Arthropoda: Insecta) of the northern Western Ghats of Maharashtra, India.	Journal of Threatened Taxa	16(3)	2024

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

Please provide scan copies of the papers published as annexure

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	1	YSS, Modern college	5000=00	5000=00
Students research projects (other than compulsory by the University)				
Any other(Specify)		Seed money, Modern college	1.25 Lakhs for 2 staff each	
Total			2,55000=00	

3.7 No. of books published i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.10 consultancy provided by the Department

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year			
Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated
1	Dr. Y.S. Shinde	Biologia Life Science	25,000=00

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia
1	Dr. P.S.Kudnar	Resource Person	Training course on Bee keeping at CBRTI
2	Gauri Shahane	Resource Person	Training course on Bee keeping at CBRTI

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

Sr. No.	Name of the Institution	Type of Collaboration (International / National / Other)	Area / Details
1	Biosimilia	College	Homeopathy Medicine
2	INORA	College	Vermiculture

3.14 Details of linkages created during this year

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

Total	International	National	State	University
Sr. No.	Name of the Staff Member	Name of the Award	Given by	International/ National/ State/ University/ Other

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
1	Dr.Y.S. Shinde	SPPU	1) Ms. Renuka Khairnar	23/05/2022
2	Dr.Y.S. Shinde	SPPU	2) Shruti Yeola	11/5/2023
3	Dr. S.S. Puranik	SPPU	1.Mr. Imran Patel	28/3/2018
4	Dr. S.S. Puranik	SPPU	2.Prachi Surwade	01/7/2022
5	Dr. S.S. Puranik	SPPU	3.Mohinaz Mehadi	29/7/2022

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

Sr. No.	Student Name	Guide Name	Date of Registration	Date of Ph.D. Award
1.	Ms. Rutika R. Jagtap	Dr. Shubangi Puranik	29/07/2015	05/12/2022
2.	Mr. Imran Patel		27/03/2018	
3.	Prachi Surwade		29/07/2022	
4.	Mohinaz Mehadi		29/07/2022	
5.	Ms. Renuka Khairnar	Dr.Yugandhar S.Shinde	23/5/2022	
6.	Ms. Shruti Yeola		11/5/2023	
7.	Ms. Varada Kulkarni	Dr. Savita P. Datar	03/03/2020	
8.	Ms. Ashwini M. Patil	Dr. Manisha A. Modak	29/07/2015	17/07/2023
9.	Ms. Rujuta Deshpande	Dr. Manisha A. Modak	31/03/2016	
10.	Ms. Netra Kulkarni		31/03/2016	
11.	Mr. Nirbhay S. Pimple	Dr. Sanjay Kharat	20/09/2012	16/10/2020
12.	Mr. Rupesh N Raut		10/01/2013	30/09/2021
13.	Mr. Sachin Gosavi		29/07/2015	19/08/2019
14.	Mrs. Bharti V. Patil	Dr. Sakham B. Patil	05/04/2013	16/04/2021

15.	Mr. Ramprakash Bhaiyyalal	Dr. Ravindra V. Kshirsagar	20/08/2015	29/06/2019

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Sr. No.	Research Scholar Name	Name of the agency	Year of receiving fellowship	Year of Registration
1.	Ms. Renuka Khairnar	Mahajyoti	11/11/2022	23/5/2022

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	2 (1 webinar)	1	1	
Presented papers				
Resource Persons				

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Biosimuilia	28/2/2023	Research in Medicine	1
INORA	9/3/2024	Vermiculture	21

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computer	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	3		6 Portals					200mbps	
Added									
Total	3		6 Portals					200mbps	

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
150	35	8	

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

Men	No	%	Women
	No	%	

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Pranav Wable	M.Sc. Zoology	Agharkar Research Institute	30,600/-pm
Sukanya Aru	M.Sc. Zoology	Armeka Business Services	15,000/-pm
Nikita Kale	M.Sc. Zoology	D.Y. Patil School	15,000/-pm
Varsha Satras	M.Sc. Zoology	IKS Health	210000/-PA

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) - Nil

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year – Nil

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Registration number/Roll number for the exam	Names of students appeared													
	NET	IIT-JAM	SLET/SET	JRF	GATE	GMAT	CAT	GRE	JAM	IELTS	TOEFL	Civil Services	State government examinations	Other examinations conducted by the State / Central Government Agencies (Specify)
	15							1						

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance:- e- Broucher of Career opportunities on college website, Dr. Y.S.Shinde guides about career in zoology, Dr. B. T. Kalbage wrote a Article in the news paper Lokmat

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Vermitechnology	2024	19	INORA & BSD SPPU
Animal model in D.B.	2023	17	ARI
Bee keeping training course	2024	44	CBRTI, Pune

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
1	Zoovision	Exhibition	College level	23/1/2023
2	Zooquiz	Quiz	College level	20/1/2024
3	Rangoli competition		College level	
4	Photography competition-		College level	24/1/2024
5	Essay competition-		College level	24/1/2024
6	Seminar Presentations-		College level	24/1/2024
	Wild Life week- Photography and Poster competition on Wild life on	Photography and Poster competition	College level	10/10/2023

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Refresher Course in Zoology	1	from 15th -29th December 2023,

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.1 Curriculum Development- Taking feedback from stakeholders for improvement of the syllabus and incorporate suggestions in the syllabus, Syllabus according to competitive exams
- 6.3.2 Teaching and Learning -.Use of ICT, PPT, You tube videos, Incorporation of different pedagogic methods like cooperative learning, group discussion, seminars, field/institutional visits project base, seminars and experiential learning.

- 6.3.3 Examination and Evaluation - we use different methods for evaluation like MCQ based test, subjective examination, seminars, assignments and group discussions.
- 6.3.4 Research and Development- Encouragement to teachers and student arranging lectures and asking to perform project based on research. M.Sc students are encouraged to Field projects, projects, read recent research papers and present power point presentations on it.
- 6.3.5 Library, ICT and physical infrastructure / instrumentation - Well established Departmental Library for UG and PG students. Internet Facility, Lab equipments
- 6.3.6 Human Resource Management- Newly appointed staff encouraged to prepare e-content and practical protocols.
- 6.3.7 Faculty and Staff recruitment- Temporary staff appointed as per requirement
- 6.3.8 Industry Interaction / Collaboration- Biosimilia , INORA Collaboration
- 6.3.9 Admission of Students - : Entire procedure Online
- 6.11 Activities and support from the Alumni Association- few of our alumni delivered lectures
- 6.12 Activities and support from the Parent – Teacher Association:- Conducted PTA meet to discuss various issues
- 6.13 Development programmes for support staff- Nil
- 6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department –

1. Regular offline Guest Lectures from various field.
2. Involvement of Alumni in the offline Guest Lecture
3. Vermiculture courses and culture unit
4. Bee keeping course and Bee box keeping

7.4 Contribution to environmental awareness / protection

1. Set up of Vermiculture unit in College campus.
2. Lecture on waste disposal by using insects
3. Conduction of Vermitechnology course for students to spread awareness and importance of use of vermicompost for friendly environment
4. Creation of warness of Bee pollination and protection of plants for survival of honey bees through Bee keeping course

7.5 SWOC Analysis of the Department

Strength:

- Courses from F.Y.B.Sc. to PG and Ph.D. Zoology offered at the department
- Well qualified and Experienced Permanent Staff
- Qualified Adhoc Staff
- Active Research Centre
- Sufficient Infra-structural facilities.
- Advanced equipment for UG, PG and research available
- UG students takes efforts to join PG and other professional courses
- Extensive Project works are carried out by PG students
- Collaborative project works are encouraged
- Add on Courses and Hands on training courses are available

Weakness:

- Insufficient laboratory Space for Research.
- Lack of adequate permanent staff

Opportunities:

- Add on courses could be taken frequently
- Collaborative research projects can be done with other colleges and research institutes

Challenges:

- To maintain the quality in teaching and laboratory exercises within the limitations of space and expertise of temporary staff.
- To cater to large number of students at UG level

8. Plans of Department for next year

- Arranging more guest lecturers for UG, PG students
- Remedial coaching for weak students
- Efforts will be made to procure new research grants
- Staffs will be encouraged to publish research article/papers in reputed journals.
- Digital Museum
- Regular Alumni meet, Talks and Interaction
- Regular Parents' Meet
- Sustain the existing Add-on Courses and plan for few new courses
- Students of PG classes will be encouraged to take up projects with reputed research institutes

Name 1: Dr. P.S. Kudnar

Name : Dr. Bharat T. Kalbage

Name 2 : Dr. Y.S. Shinde

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Department of Zoology all Annexure

<https://drive.google.com/drive/folders/1U3TRtWKhWB1PFHIO7G241BKnQyJ44EGB?usp=sharing>

The Department of Zoology is delighted to present its annual report for the Academic Year 2023-2024, showcasing our significant achievements in education, research, extra-curricular, co-curricular activities by faculties and students. All the staff members of junior wing, senior wing and PG wing smoothly carried out their activities and duties. The Zoology department has had an eventful and fruitful year.

Departmental Activities

Zoo-Vision Activity: The mega event of Zoo-vision was organized by the department from 20th to 24th January 2024. In this year Poster presentation, model presentation, Rangoli competition, Photography competition, poem competition, drawing competition and essay writing activities were conducted. The programme was inaugurated by Vice- principal Dr. Anjali Sardesai. Dr. Shilpa Mujumdar and Dr. Rajkumar Barmukh worked as Judge for poster and model competition. Prof. Sameer Nerlekar worked as judge for Photography competition Dr. Priyanka Saha worked as judge for essay and poem competitions. Prof. Arti Gogi worked as a Judge for the Rangoli competition. Shruti Yeola worked as a judge for a drawing competition. Approximately 200 students from various classes and streams participated in these activities. Dr. P.S.Kudnar worked as coordinator for Zoo-vision All staff members guided students in making posters, models. Our T.Y.B.Sc. Zoology students had taken a lot of effort for all these activities. For all these competitions Gold medals for first rank, Silver medals for second rank, Bronze medals for third rank and certificates are distributed to all student participants.

Zoo-Quiz Activity:

Zooquiz was organized on 20th Jan 2024. An elimination round was conducted to screen the students from F.Y.B.Sc., S.Y.B.Sc., T.Y.B.Sc. and M.Sc. I classes on 17th Jan 2024. Top four students from each class were selected and they were then divided into four teams and total students participating were 24. Quiz rounds were conducted by M.Sc. II year students. Prof.

Netra Kulkarni co-ordinated the Zooquiz event. Results were declared immediately. First prize won by Guanine team, second prize by Adenine team and third prize by Cytosine team.

Poster and Photography Competition

On the occasion of Wildlife Week, Department of Zoology and Science Association has Organized Poster and Photography Competition. The activity was held on Tuesday, 10th October 2023. The event was inaugurated at the hands of Vice-Principal (PG), Dr. Shubhangi Puranik in presence of Dr. Bharat Kalbage, Head of Zoology Department, all staff members, non-teaching staff and students. Under-Graduate and Post-Graduate section actively participated in the event. Overall 17 posters and 13 photographs were displayed by the students. Dr. Yugandhar Shinde worked as a Judge for Photography and Ms. Netra Kulkarni worked as a Judge for Poster Competition. The event was visited by Dr. Amruta Oke (Vice-Principal, Art Faculty), Prof. Sanjay Thengdi (Vice-Principal, Science Faculty) and Chairperson of Science Association Dr. Kalyani Salla. They appreciated and congratulated the efforts taken by the students and the department. The event was coordinated by Prof. Netra Kulkarni. Dr. B. T. Kalbage inspired for the activity.

Lecture Series under Zoology Association

In this academic year 2023-2024 some Guest lecturers were arranged under the Zoology Association.

1. Dr. Sameer Padhye delivered talk on “An overview on variety of animal Biodiversity studies using Freshwater animals as model system On 2nd August 2023 83 students.
2. Dr. Rahul Marathe (Mitrakida Foundation, Pune.) more insight on the topic “Fascinating World of Insects” on the occasion of Wild Life Week. to provide on 5th October 2023
3. Dr. Pramod Jogalekar – spoke on IKS ON : 11.10.23
4. Dr. Shreeram Jogalekar talk on topic Nanotechnology on 11/1/2024
5. Dr. Sameer Padhye delivered talk on – How to choose an appropriate journal for research publication on 19 January 2024.
6. Prof. Narendra Naidu (Former HOD, Zoology) conducted sessions on Insect Development on 5th, 6th and 7th March 2024.

IVTC Course workshop- The Workshop “Integrated Vermitechnology course for Solid Waste Management” was organized by the Zoology department in collaboration with INORA, Pune on 9th and 11th March 2024. This workshop was sponsored by BSD, Savitribai Phule Pune University. Dr. Y.S. Shinde, Shruti Yeola, Renu Bhalerao, Dr. B.T. Kalbage conducted sessions for this workshop. From INORA Manjushree Tadwalkar, Vaidehi Jawalkar, Vrunda Panhalkar conducted practical and lecture sessions.

Dr. B.T. Kalbage worked as coordinator for this workshop. Dr. B.T. Kalbage, Prof. Shruti Yeola and Gopal Daundkar accompanied students in INORA, Darawali. 19 students of F.Y..Sc. participated in this workshop.

AAA of Zoology- The Academic and Administrative Audit of Zoology department was carried out on 17/2/2024. Dr. Narhari Gramapurohit, HOD Zoology, SPPU worked as External Auditor. He appreciated all the activities like research work and publications, ISR activities, syllabus, qualified staff, hard work of staff and quality of education.

Study Tours- The S.Y.B.Sc. study visit was arranged to Government Fish Seed Farm, Hadapsar, Pune on 11th August 2023. A one day study tour was arranged on 1st March 2024 at Apiculture institute, Mahabaleshwar. Students were really benefited by these visits. These visits were coordinated by Dr. P. S. Kudnar and Dr. Yugandhar Shinde. Shilpa Mandlik, Gauri Shahane, Shruti Yeola, Gopal Doundkar and Vijay Nivangune accompanied the students. T.Y.B.Sc. The Zoology Excursion tour was arranged from 24/2/2024 to 29/2/2024 to Amboli, Malvan, Sawantwadi. This study tour was escorted by Dr. P.S. Kudnar, Prof. Shruti Yeola and Mr. Yogesh Jare. M.Sc. Zoology study tour was arranged from 18th February 2024-23rd February 2024 to Nagarhole Wildlife Life Sanctuary, Coorg, Mysore, Bangalore Karnataka.

Parents meet- The parent- students meeting of T.Y.B.Sc. Zoology student was held on 6th January 2024 and M.Sc. I and M.Sc. II Zoology student parent meeting was held on 13th January 2024.

Activities /Achievements of Staff

Dr. Bharat T.Kalbage-

1. Worked as coordinator for IVTC workshop,
2. Actively participated in a workshop on 'Project Under Unnat Maharashtra Abhiyan'.
3. Organised Photography competition on Wild Life week.

Dr. P. S. Kudnar

1. Participated in, National Symposium on "Floriculture Nurtures pollinators: Flower crop for healthy pollinators and Value –Added Bee Products." Organised by ICAR- Directorate of floricultural Research, Pune, in virtual mode, from June 23-24, 2023.
2. Organised an educational visit S.Y.B.Sc. class to Government fish seed farm, Hadapsar, Pune.
3. Participated in Science (S20) extended discussions and symposium on "Fostering Science, Technology and Innovation Ecosystem for Sustainable Development" Jointly organised by Vidnyan Bharati, Pune in association with the Indian National Science Academy (INSA) and the Indian Institute of Tropical Meteorology (IITM) on 3rd October, 2023.
4. Invited as Resource person for Two days International Interdisciplinary Conference on "Climate Change Resilience: Innovative Trends in Education Leading to Atmanirbhar Bharat " organised on 23rd & 24th Jan. 2024 by Smt S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal-Ashti, Dist. Beed.
5. Organised "5 Days Beekeeping Training Course" from 4 - 8 March 2024 in collaboration with Central Bee Research and Training Institute (CBRTI) for college students.
6. Work as Coordinator for ZooVision Exhibition.
7. Invited as guest lecture for Advance Training course in Beekeeping at CBRTI, Pune.
8. Arranged 4 days study tour of T.Y.B.Sc. class to Sawntwadi, Malvan and Amboli.

Dr. Yugandhar Shinde:-

1. Worked as Green Club Faculty Coordinator of the College.
2. External expert for PhD progress report at Fergusson College.
3. Completed the workshop on Intellectual property rights conducted by Modern College.
4. Organised study tour for SYBSc at Apiculture Institute, Mahabaleshwar.
5. Worked as judge for Photography competition on Wildlife week.
6. Conducted lecture at the SPPU sponsored Vermitechnology workshop.
7. Conducted photography competition in Zoovision.
8. Arranged two guest lecturers for the UG, PG and research students.
9. Got awarded by the college with seed-money to the research project entitled " Estimation of the diversity of microcrustaceans in riverine potholes of Nighoj by addressing Linnean shortfall.

Ms. Varada Kulkarni:-

1. Worked as a BoS member for S.Y.B.A Music in Department of Performing Arts, Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune – 05
2. Worked as a BoS member for S.Y.B.Sc Zoology (NEP) syllabus framing
3. Worked as a Coordinator for Dance competition in 'Kalasaptaah 23-24'
4. Attended workshop on Network Pharmacology organised by Central Drug Research Institute, M.P.
5. Conducted one day tour with Zoology Department Colleagues for S.Y.B.Sc students

Ms. Shilpa Mandlik-

1. Participated in a two days offline/online National Symposium on 'Recent Trends in Biology' organised by the Department of Zoology, SPPU on 22nd and 23rd March 2024.
2. Worked as a BoS member for S.Y.B.Sc Zoology (NEP) syllabus framing.
3. Conducted a one day visit with Zoology Department Colleagues for S.Y.B.Sc students on 1 March 2024 at Apiculture institute, Mahabaleshwar.
4. Attended one day offline workshop on "Patents" organised by Centre for Publication Ethics (CPE), SPPU on 3rd February 2024.

5. Presented a poster on metabolic syndrome in *Drosophila melanogaster* in International conference on Recent trends in Comparative Endocrinology and Physiology: from Brain to Behaviour held by department of Zoology, SPPU from 12 th to 14 th October 2023
6. Worked in Registration committee of Yuvamahotsav 'Swarrang 2023' in September 2023
7. Coordinated financial assistance of 50,000/- to the needy students of Modern college, Shivajinagar under ISR activity from 'The Power of One' educational trust in August 2023.
8. Organised an educational visit of S.Y.B.Sc. class to Government fish seed farm, Hadapsar, Pune.

Dr. Gauri Shahane-

1. Accompanied 5 days Study tour of M.Sc. Zoology students at Nagarhole tiger reserve, Karnataka.
2. Accompanied one day Study tour for S.Y.B. Sc. Zoology students on 1 st March 2024 at Apiculture institute, Mahabaleshwar.
3. Worked as assistant coordinator for "5 Days Beekeeping Training Course" from 4 - 8 March 2024 in collaboration with Central Bee Research and Training Institute (CBRTI) for college students.
4. Invited as guest lecturer for Advance Training course in Beekeeping at CBRTI, Pune.
5. Worked as a BoS member for S.Y.B.Sc Zoology (NEP) syllabus framing.
6. Participated in a two days offline/online National Symposium on 'Recent Trends in Biology' organised by the Department of Zoology, SPPU on 22 nd and 23 rd March 2024.
7. Worked in Registration committee of Yuvamahotsav 'Swarrang 2023' in September 2023

Dr. Shruti Yeola-

1. Conducted lecture on earthworm enemies and pests at the SPPU sponsored Vermitechnology
2. workshop.
3. Accompanied study tour of TYBSc student at Amboli Ghat, Malvan, Sawantwadi
4. Cleared CSIR UGC NET in 2023-24
5. Participated in the workshop on Intellectual property rights
6. Conducted a drawing competition in Zoovision.

Dr. Shubhangi Puranik:-

1. Worked as Chairperson of ISR Committee and raised a fund of Rs.22 lakhs from different companies and organisations for needy and economically weak students.
2. Worked as student Development officer
3. Worked as Coordinator for 'Swar-rang' Youth festival
4. Worked as coordinator for PG Induction programme.
5. Guiding two Ph.D students for Ph.D. work.

Netra Kulkarni:-

1. Organized Zoo-quiz for Junior and UG, PG students of Zoology.
2. Worked as Judge for singing competition conducted by NSS, rangoli competition conducted by Microbiology dept.
3. Organised 5 day Study tour for M.Sc. Zoology students at Nagarhole tiger reserve, Karnataka.
4. Attended National Conference on Value based Education in NEP at St. Mira's College.
5. Attended workshop on Network Pharmacology organised by Central Research Institute, M.P.
6. Attended one-day Workshop on Research, IPR and Patent filing organised by IPR committee on 19th April 2024
7. Participated in an one-day workshop on "Research Project" conducted at Modern College of Arts, Science and Commerce (Autonomous) Shivajinagar, Pune-05 in collaboration with IIT Bombay.

Dr. Priyanka Dutta Saha:-

1. Participated in National Symposium on Floriculture Nurtures Pollinators: Flowers Crops for Healthy Pollinators and value added Bee Products on 23rd June 2023.

2. Participated in the International Firefly Webinar organised by Environmental Management and Policy Research Institute (EMPRI), Bangalore on 21st and 22nd July 2023.
3. Participated in National Webinar on “Ecological Restoration, climate change and Biodiversity conservation at Mahatma Gandhi College, Gadchiroli on 12th September 2023.
4. Participated in One-Day State Level workshop on Women Empowerment and Higher Education Program at SPPU on 23rd October 2023
5. Worked as Assistant Coordinator Registration Committee in Swarang-2023 Yuva Mahotsav.
6. Worked as Assistant Coordinator for PG Induction Program
7. Completed 2-weeks online Refresher Course in Zoology from 15th -29th December 2023, organised by Teaching and Learning Centre, Ramanujan College, University of Delhi under Ministry of Education, Pandit Madan Mohan Malviya National Mission on Teachers with A+ grade.
8. Organised a 3-days guest lecture series on “Insect Development” for P.G. students on 5th, 6th and 7th March 2024. The speaker of this lecture series was Professor Narendra M. Naidu.
9. Worked as a member of organising committee of an one-day Workshop on Research, IPR and Patent filing organised by IPR committee on 19th April 2024
10. Participated in a one-day workshop on “Research Project” in collaboration with IIT Bombay.
11. Worked as a Resource Person in 5-Day Bee Keeping Training Course in collaboration with CBRTI and delivered a lecture on Bee Disease Management on 6th March 2024.
12. Worked as Judge of ZooVision 2023-24 for Essay and Poem competition.
13. Worked as Judge for singing competition conducted by NSS, rangoli competition conducted by Microbiology dept
14. Worked as a peer Reviewer and reviewed 8 manuscripts of 1 National and 4 International journals indexed in Clarivate and Scopus.
15. Prof. Vaishali Chabukswar – Worked as Coordinator for H.S.C. exam.

Ashwini Deshkar:- Registered for Ph. D.

Current activities of the Post-Graduate Research Centre:

Following staff members contributed in research work and published research papers in national and international journals

- **Dr. Yugandhar Shinde** Published a paper entitled “Faunistic overview of the freshwater zooplankton from the urban riverine habitats of Pune”, India. *Journal of Threatened Taxa* 15 (9), 23879-23888
- **Dr. P. S. Kudnar-** Published paper entitled “Report of Bathycoelia indica Dallas, 1851 (Hemiptera: Heteroptera: Pentatomidae) as a pest of pomegranate Punica granatum L. cultivated in Maharashtra State in Journal of Threatened Taxa (JoTT).
- **Dr. H. V. Ghate- (Former HOD of Zoology)** Has published four research papers
 1. Pansare P., Sankararaman. H & Hemant V. Ghate (2023). Rediscovery and redescription of Urolabida nilgirica Yang (Hemiptera: Heteroptera: Urostylididae) from India. *Journal of Threatened Taxa* 15 (4): 23123–23130
 2. Firake, D.M., G. T. Behere & H.V. Ghate (2023). Rediscovery and redescription of Urostylis parapunctigera (Hemiptera: Urostylididae) infesting Magnolia champaka in northeast India. *Entomological News* 130(5): 437–444.
 3. Kudnar, P.S., G.G. Gowande & H.V. Ghate (2024). Report of Bathycoelia indica Dallas, 1851 (Hemiptera: Heteroptera: Pentatomidae) as a pest of pomegranate Punica granatum L. cultivated in Maharashtra State. *Journal of Threatened Taxa* 16(1): 24485–24495. <https://doi.org/10.11609/jott.8829.16.1.24485–24495>
 4. Sheth, S.D., A.D.. Padhye & H.V. Ghate (2024). Faunal inventory and illustrated taxonomic keys to aquatic Coleoptera (Arthropoda: Insecta) of the northern Western Ghats of Maharashtra, India. *Journal of Threatened Taxa* 16(3): 24854–24880.

PGRC Zoology carried out following Ph. D. related activities:

- 1. Pre-Ph.D. proposal presentation-** Pre-Ph.D. proposal presentation viva of Ms. Shruti Yeola was conducted on 11/5/2023.
 - 2. Progress Reports presentation-** Six monthly Progress Reports presentation was held on 26/7/2023, 17/1/2024 and 27/2/2024 at PGRC Zoology. Research scholars Renuka Khairnar, Shruti Yeola, Ashiwini Patil, Netra Kulkarni, Varada Kulkarni, Prachi Surwade and Mohinaj Mahedi presented their progress reports.
Dr. Ravindra Kshirsagar from Modern College Ganeshkhind worked as an external expert and Dr. B.T. Kalbage worked as an internal expert.
- **Rujuta Deshpande was awarded** Ph.D. degree in July 2023 by Savitribai Phule Pune University.
 - **Imran Patel** submitted Ph.D. thesis to SPPU under the able guidance of Dr. Shubhangi Puranik in August 2023.

Student's progression:

1. Janhavi Sukhwani and Durgjeet Tomar got admission for M.Sc.
2. Zoology at SPPU. Abhijeet Godbole, Hrutuja Roman and Pradnya Mhaske got admission for M.Sc. Zoology at our college. Anjali Pardeshi took admission for MSc in Y.C.University
3. Aditya Lad took admission for M.Sc. Bioinformatics at Bharati Vidyapeeth.

Students Achievements-

Tejas Karale recruited in the Police department.

The strength for the Zoology subject in the academic year 2023- 2024

Class	No. of Students
F.Y.B.Sc	40
S.Y.B.Sc	80
T.Y.B.Sc	31
M.Sc. I	15
M.Sc. II	20

- Prof. B. T. Kalbage
Head, Dept. of Zoology

Department of Commerce

PART A

DIQAC Composition and Activities - AY 2023-24

For the departments having **more than 3** staff members :

Department Name: **Commerce**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. V N Gaikwad	HoD and Chairperson of DIQAC	9623154297	hodcommerce@moderncollegepune.edu.in
2	Dr. R D Bansode	Member 1	7757055998	bansodecommerce@moderncollegepune.edu.in
3	Prof. R D Jadhav	Member2	8308826210	jadhavcommerce@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: Faculty :

Non-Teaching Staff : Studen: Alumni : Others

2.13 Seminars and Conferences (only quality related): NIL

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department: : NIL

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year :

Activities	Date	Number of Students
Soft Skills Development Workshop	from 26th February, 2024 to 2nd March, 2024	41
Conduct of Lecture Series on Career Counselling	17th and 18th December, 2023	Students of F.Y. B. Com
A Workshop on Stock Exchange Operations	4th,5th and 6th March, 24	33
Photography Competition	18/01/2024	60
P.P.T. Competition	10 & 11 /01/2024	23
Rangoli Competition	19/01/2024	23
Poster Competition	18/01/2024	50
Mock - Interview	09/01/2024	17
Letterhead Design Competition	11/01/2024	53
Audio Visual Competition	13/01/2024	90
Business Idea	16 & 17/01/2024	18
Visit to Katraj dairy (Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit) of T.Y.B.Com Students	13/03/2024	44
Visit to R.B.I. Archive and Financial Inclusion Centre of College of Agricultural Banking,RBI, Ganeshkhind Road, Pune	20/03/2024	23
Essay Competition in association with The Cosmos Co-operative Bank Ltd	08/01/2024	92
Street Play Competition in association with The Cosmos Co-operative Bank Ltd	09/01/2024	6 Groups (37 Students)

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. Conduct of Lecture Series on Career Counselling	Lectures were organized for students of F.Y. B. Com in association with Pune Branches of the two apex professional bodies viz. The Institute of Chartered Accountants of India and The Institute of Cost Accountants of India on 17th and 18th December, 2023. CMA Abhay Deodhar, CMA Ameya Tilekar and CA Manish Bhandari were the resource persons
2. Soft Skills Development Workshop	Date: from 26th February, 2024 to 2nd March, 2024 from 11.30 am to 02.30 pm. (in two sessions) Total Participants: 41 Students (UG) Coordinated by Prof. Rahul D Jadhav.
3. Workshop on Stock Exchange Operations	Date : 4th March, 2024 to 6th March, 2024 Total Participants: 33 Students (UG) Coordinated by Dr. S.R. Hirwe and Shruti Sonawane
4. Visit to Katraj dairy (Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit)	Date - 13/03/2024 for T.Y.B.Com Costing Students. Co-ordinator - Prof. Moreshwar Y. Meeshi and Prof. Sweta Padekar 44 Students Participated.
Visit to R.B.I. Archive and Financial Inclusion Centre of College of Agricultural Banking, RBI, Ganeshkhind Road, Pune	Date - 20/03/2024 for F.Y.B.Com Accounting Students. Co-ordinator - Prof. Moreshwar Y. Meeshi and Prof. Sweta Padekar 23 Students Participated.

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1			
PG	1			
UG	1			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

Name of programme	Programme Code Dates of revision
1. B.Com - FY - NEP 2023	2023
2. M.Com - Part - I- NEP 2023	2023

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year : NA

1.2.1 - Number of new courses introduced across all programmes offered during the year: NA

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System : NA

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year : NA

1.3.2 Field Projects / Internships under taken during the year

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
13	100%	100%	100%	14	Online Notes and E-library of College and ICT used by all teachers

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	07	03	02	02	0

2.2 No. of permanent faculty with Ph.D. : 05

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	03	06	02	00	02	00	00	00	07	06

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest Faculty

Visiting Faculty

Temporary Faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers : Nil

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	1 (R D Jadhav)	1 (R D Jadhav)	
Presented papers		1.Dr. Rupesh Bansode	
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Usage of ICT infrastructure to prepare computer aided teaching and learning material, Conduct of Student Seminars/Workshops, Conduct of Assignments, Classroom tests, Industrial Visits, Internship for PG Students and Group discussions on Case studies and help students to acquire potentials to mould them according to their future goals and ambitions.

The department organises add-on courses to provide practical knowledge to the students. Every year the department organises the Workshop on Stock Exchange operations to gain knowledge of operations of stock exchange, primary and secondary markets, technical and financial analysis etc. Similarly the workshop follows the Investment Game to judge the knowledge of the students gained in the workshop.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr. Vijay Gaikwad	Chairman (Granntable)	30/05/2023
2	Dr. M. D. Alandikar	Chairman (Self Finance)	
3	Dr. Kandalgaonkar	Subject Expert other than SPPU	
4	Dr. Yashodhan Mithare	VC Nominee And Associate Dean	
5	Dr. Prashant Sathe	VC Nominee and Subject Expert	
6	Dr. M.M.Tapkir	VC Nominee(Costing Board)	
7	Dr. M.,G.Mulla	Subject Expert(Costing Board)	
8	Dr. Vidyadhar Rajwant	Placement Representative	30/05/2023
9	Mrs.Mrinalini Chaturvedi	PG Alumnus	
10	Dr. Shirish Limaye	External Expert	
11	Dr. Ashok Kamble	Special Invitee	
12	Prof.Amol Desai	Chairman(Marketing Board)	
13	Dr. Moreshwar Messi	Chairman(Accountancy Board)	
14	Dr. Rupesh Bansode	UG Coordinator and Chairman Business Law Board	
15	Dr. S.R. Hirve	Chairman (Cost and Work Accountancy Board)	
16	Dr. Philomina Fernandes	UG Coordinator (Self Finance)	
17	Prof. Rahul Jadhav	Member	
18	Prof. Prajakta Sabane	Member	
19	Prof. Amol Nikale	Member	
20	Prof. Shruti Sonawane	Member	
21	Prof. Priyanka Jadhav	Member	
22	Prof. CA Rasika Date	Member	
23	Prof. Shreya Vaidya	Member	
24	Prof. Sangita Mawale	Member	
25	Prof. Ashwini Joshi	Member	
26	Prof.Shelke	Member	
27	Prof. Bhagyashree Sewane	Member	
28	Prof. Shamla Bhasme	Member	
29	Prof. Ashish Sartape	Member	
30	Prof. Deepali Gore	Member	

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- ❖ The DIQAC is a significant administrative body in any educational institution.
- ❖ It contributes to maintaining quality standards in teaching, learning and evaluation.
- ❖ It promotes co-curricular and extra-curricular activities in the college.
- ❖ organizing lectures on quality-related topics, inter- and intra-institutional workshops, and quality-circle promotion.

2.13 Initiatives undertaken towards faculty development by the department

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	1 Prof. R D Jadhav
UGC – Faculty Improvement Programme	1 Prof. R D Jadhav, 2 Prof. Moreshwar Y. Meesh
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	02			
Technical Staff	01			

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / D'Litt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr. Rupesh D Bansode	2021	Yes	Yes	yes	Prof. Parag shah,	20/07/2022	Soft skill development
					Urmila Karale	19/4/2022	

Dr. Vijay Gaikwad	PhD	Yes	2018	Yes	Shruti Sonawane	19/4/2022	An Impact of Movement in Select Commodity Prices of Related Companies in Indian Stock Market
					Shreya Vaidya	27/5/2021	
					Abhishek Lakara	27/5/2021	
					Ranjeet Landage	27/5/2021	
Dr. Shubhash Pawar	Ph.D.	Yes			Karwa Mukesh	27/5/2021	
Dr. Raju Shrivasti	Ph.D.	Yes			Kiran Patil,	18/2/2020	
					Shilpa Sant	18/2/2020	
Dr. Anil Adsule	Ph.D.	Yes			Konwar Deepanjali	31/12/2019	
					Ketan Mane	19/4/2022	
					Tejas Gharote	19/4/2022	
					Dajamma A		
Dr. Mamta Shende	Ph.D.	Yes			Puranik Prasanna	7/6/2021	

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department : NIL

3.12 Details faculty served as experts, chairpersons or resource persons: : NIL

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations : NIL

3.14 Details of linkages created during this year : NIL

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year : NIL

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year : NIL

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	1 (R D Jadhav)	1 (R D Jadhav)	1 (Rasika Date)	1 (R D Jadhav - IBS))
Presented papers			1. Dr. Prof. Rupesh Bansode	National
Resource Persons				

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	17	01					Commerce	20 mbps	
Added	00	00							
Total	17	01						20 mbps	

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

- ❖ Ensuring timely, Efficient and Progressive performance of Academic, Administrative and Social tasks.
- ❖ The relevance and quality of academic and research programmes.
- ❖ Equitable access to and affordability of academic programmes.

5.2 Efforts made by the Department for tracking the progression : At College Level

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1215	91	23	–

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

Both B.Com and M.Com

	No	%
Men		
	No	%
Women		

5.2.1 - Number of outgoing students who got placement during the year : At College Level

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
14	258		

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) : At College Level

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.1 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

Lectures were organized for students of F.Y. B. Com in association with Pune Branches of the two apex professional bodies viz. The Institute of Chartered Accountants of India and The Institute of Cost Accountants of India on 17th and 18th December, 2023. CMA Abhay Deodhar, CMA Ameya Tilekar and CA Manish Bhandari were the resource persons

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Soft Skills Development Workshop	from 26th February, 2024 to 2nd March, 2024	41	Prof. Narendra Naidu, Dr. Vilas Kamble, Prof. Parag Shah, Mr. Amit Diwan, Prof. Shradha Sakatkar.
Conduct of Lecture Series on Career Counselling	17th and 18th December, 2023	Students of F.Y. B. Com	Dr. Rasika Date
Workshop on Stock Exchange Operations	4th to 6th March 24	33	Dr. S.R. Hirwe
Photography Competition	18/01/2024	60	Prof. Sruti Sonawane Prof. Shweta Padekar
P.P.T. Competition	10 & 11 /01/2024	23	Prof. Srikant Ghongade Prof. Shweta Padekar
Rangoli Competition	19/01/2024	23	Prof. Pallavi Math
Poster Competition	18/01/2024	50	Dr. Amol nikale
Letterhead Designing Competition	09/01/2024	53	Dr. Amol Nikale
Mock - Interview	11/01/2024		
Audio Visual Competition	13/01/2024	90	
Business Idea	16 & 17/01/2024	19	Dr. Shraddha Hirve
Visit to Katraj dairy (Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit) of T.Y.B.Com Students	13/03/2024	44	Prof. Moreshwar Y. Meeshi Prof. Sweta Padekar
Visit to College of Agricultural Banking, RBI, Ganeshkhind Road, Pune	20/03/2024	23	Prof. Moreshwar Y. Meeshi Prof. Shweta Padekar Prof. Yashshree Dargad
Essay Competition in association with The Cosmos Co-operative Bank Ltd	08/01/2024	92	Dr.Sujata Hirve Prof.Shweta Padekar Prof.Shrikant Ghongade
Street Play Competition in association with The Cosmos Co-operative Bank Ltd		6 Groups (37 Students)	Dr.Sujata Hirve Prof.Shweta Padekar Prof.Shrikant Ghongade

5.1.4 - Number of students benefited from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template):At College Level

5.11 Student organised / initiatives : Nil

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies :NIL		
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year : NIL		
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year : NIL		
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Refresher Course	1	2023-24
Short Term Course (FDP)	1	2023-24
NEP Orientation Program (FDP)	2	2023-24

6.3 Quality improvement strategies adopted by the Department for each of the following::

6.3.1 Curriculum Development

❖ Syllabus for FY, SY & TY B.Com is being prepared and FYB.Com and M.Com Part-I approved under **NEP 2023**.

“ **On Job Training “ (OJT)for MCom Part-I students** : Contents were incorporated in the curriculum and , in a span of time students were trained to adapt to the practical side of their Theory specialisation .

❖ Suggestions given by the members of the board of studies to the department are incorporated.

❖ Suggestions given by the members of faculty of Commerce, SPPU are incorporated in the syllabus.

6.3.2 Teaching and Learning : Class room teaching model is adopted to implement the curriculum .

6.3.3 Examination and Evaluation : The students are evaluated through a 2 tier examination system . The first one is through internal examinations (CIE) , and the second one is through an external examination (ESE) .

6.3.4 Research and Development : Four staff members had written research papers in UGC refereed Journals on various topics .

6.3.5 Library, ICT and physical infrastructure / instrumentation : E-Library is provided to the students for Text and references . Fourteen classrooms are provided with projectors and WI-FI facilities . Maximum Teachers use ICT for effective teaching , to bring interest in the subject .

6.3.6 Human Resource Management □: It is managed at central level .The department follows the policy instructions .

6.3.7 Faculty and Staff recruitment : The staff is recruited as per rules and regulations of UGC , Govt. of Maharashtra and SPPU - Pune .Presently 07 staff

members are permanent , 06 are recruited on ad-hoc basis , and 01 member is visiting faculty .

6.3.8 Industry Interaction / Collaboration : The department takes initiative to create awareness through workshops for professional Courses Chartered Accountancy Course, CMA Course , Company Secretary Course .

6.3.9 Admission of Students : UG Students are admitted to BCom course on merit basis . PG students take the MCom course through an entrance examination every year .

6.11 Activities and support from the Alumni Association : NIL

6.12 Activities and support from the Parent – Teacher Association :NIL

6.13 Development programmes for support staff : N/A

6.14 Initiatives taken by the institution to make the campus eco-friendly : At College level .

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department - A. The department organises A Workshop on Stock Exchange Operations every year to create awareness among the students regarding the operations of stock exchange operations. The workshop also provides hands-on training to the students of Online trading activities. The workshop aims to develop the knowledge and concepts of stock exchange market and operations thereon. The experts from stock market and online traders are called to deliver lectures and provide hands-on training to students. The department has been organizing this workshop for the past 15 years consistently. Average 50 students participate in the workshop every year.

B. To understand the process of manufacturing , plant layout and its utility in the calculation of cost of a product, the department organises Industrial Visits to manufacturing units for the students having costing as a special subject.

C. To develop the presentation skills among the students, the department organises Power Point presentations of special subjects.

D. To get hands-on experience of various jobs of special subjects, the students of masters have worked for 120 hours in small units. It is newly added in their syllabi of master as On the Job Training. The students are also asked to give presentations after successful completion of that training.

E. To get thorough knowledge of Professional Courses like CA, CMA and CS, the department organises guidance lectures every year. The lectures are delivered by the authorities from the Institute of Chartered Accountants, Institute of Cost and Management Accountants and Institute of Company Secretaries.

F. To develop various soft skills like communication, leadership, learning, positive and creative thinking, CV writing and interview techniques etc, every year the department organises 10 days Soft Skill Development Workshop for all commerce students. The unique feature of the workshop is that it also takes care of mental health of the students through meditation and yoga sessions. 50 students are taking the benefit of this workshop.

7.4 Contribution to environmental awareness / protection.

In the curriculum of first and second year B.Com, the college has introduced a course on environmental awareness that gives the basic knowledge on how to protect the environment, effective use of natural resources. The students are also asked to prepare a project on environmental issues.

At departmental level, the use of stationery is done effectively by using one side used stationery for rough printouts.

7.6 SWOC Analysis of the Department

SWOC Analysis of the Department

Strengths:

- ❖ Well qualified faculty
- ❖ First Department to get permanent Post -Graduate recognition & Most of the members of the department have PG recognition.
- ❖ Optional subjects offered including statistics
- ❖ Department with largest strength of students in the College
- ❖ Five staff members possess Professional qualifications.
- ❖ Since June 2008, the Department has a Research Centre for pursuing Ph.D. in Accountancy, Banking and Finance, Business Administration, Marketing Management, Business Practices.
- ❖ Courses are available from Undergraduate to Postgraduate and also up to Ph.D. under one roof.
- ❖ Representation of staff members on the prominent bodies of the SPPU like the Board of Studies since the last Twenty Years.
- ❖ Two staff members have completed Ph.D, Four members have registered for Ph.D.
- ❖ The Department provides Skill Development Courses, Course in Computerized Accounting, Soft Skill Development Programme, and Introduction to Stock Trading.
- ❖ The Department organises Industrial visits, Workshops, Guest lectures, Seminars on concurrent issues, Exhibitions and various competitions for overall development of the students.
- ❖ Entrepreneurial skill development opportunities available to students and students are encouraged to participate in Vyapar Mela.
- ❖ Departmental Library available for reference to students and staff.
- ❖ Some students are working, having part time jobs in various sectors.

Weaknesses:

- ❖ Student- teacher ratio is high. It acts as a limit for personal interaction with the students.
- ❖ Limited Infrastructure for co-curricular activities. Also, stress on existing infrastructure during the prime time.

Opportunities:

- ❖ More research oriented projects
- ❖ More use of digital classroom, virtual classroom, ICT.
- ❖ More exposure to practical experience.
- ❖ Placement activity on a larger scale.
- ❖ Internship to a limited number of students in trade and industry.

Challenges:-

- ❖ Cream of the students admits themselves for professional courses like C.A., I.C.W.A., & CS examinations and focus on these examinations. Motivating them for participation in academics and co curricular activities is a challenge.
- ❖ Similarly ensuring participation of students who are employed in part time jobs and satisfactory completion of academic pursuits and results from them poses challenges.
- ❖ Heavy dependence on web resources for education by the students than standard and classical reference books on the subjects.
- ❖ Implementation of Autonomy & NEP 2020 is a big challenge.

8. Plans of Department for next year:

1. Organising Entrepreneurship fest.
2. Conducting a workshop on Soft Skills Development for the students.
3. Organising a Workshop on Union Budget in July, 2024 & February, 2025
4. Career Orientation for the Students of 12th standard Commerce.
5. Interaction with prospective students of First Year B.Com and their teachers.
6. Organising State Level workshop on Recent Trends in Commerce and Industry.
7. Organising One Day Workshop on Digital India.
8. Workshop on Start-up Policy.
9. Organising a workshop/Course on Computerised Accounting, Import-Export procedures and IPR for B.Com & M.Com students.
11. Organising Career Counselling program in 2024-25 in association with ICAI, ICSI and other professional institutes.
12. Conducting FDP and IQP in association with professionals.

Name 1:

Name :

Name 2 :

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Annexure 1 - List of the Students as per Gender, Class and Category (As per 5.3 above)

Class	F.Y.B.Com		S.Y.B.Com		T.Y.B.Com		M.Com Part -I		M.Com Part -II		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
N.T. A	11	09	02	08	04	08	02	02	01	02	20	29
N.T. B	08	7	04	11	02	10	-	-	-	-	14	28
N.T. C	06	09	06	07	09	09	-	-	-	-	21	25
N.T. D	01	02	03	01	0	05	-	-	-	-	04	08
O.B.C.	28	50	36	35	33	54	04	10	02	05	103	154
S.B.C.	02	07	06	02	03	05	-	-	-	-	11	14
S.C.	33	33	17	32	21	33	00	02	01	01	72	101
S.T.	03	11	03	06	05	04	01	01	-	-	12	22
Open	93	111	75	112	105	115	11	23	09	17	293	378
SAARC	-	-	-	-	-	-	-	-	05	-	05	-
	185	239	152	214	182	243	18	38	18	25	555	759

Data shown in At M.Com Part I and II are from NT 1, NT2, NT3 & NT4

Academic Results:

The result of T Y B Com Sem VI for the academic year 2022-23 was 75%.

A meeting of Members of the Board of Studies in Commerce and Management was held on 29th February, 2024. The syllabi of the Second Year Undergraduate Programme (i.e. Second Year B. Com) as well as syllabi of Second Year Postgraduate Programme (i.e. Second

Year M. Com) which were prepared as per NEP 2020 guidelines, were approved by the meeting.

Faculty Development

Guidance Lectures were conducted on the topic 'Bloom's Taxonomy' and Dr. Shilpa Mujumdar (Vice Principal, MCASC) and Dr. M. G. Mulla (Vice Principal, Abeda Inamdar College Pune) were invited as Resource Persons

Student Development Activities

1) Lecture Series on Career Counseling

Following lectures were organized for students of F.Y. B. Com in association with Pune Branches of the two apex professional bodies viz. The Institute of Chartered Accountants of India and The Institute of Cost Accountants of India.

Day and Date- Tuesday, 17th, December 2023

Theme of the Session - Career opportunities provided by the Institute of Cost Accountants of India.

Name of the Speaker(s) - CMA Abhay Deodhar, CMA Ameya Tilekar

Day and Date - Wednesday, 18th, 2023

Theme of the Session - Career opportunities provided by the Institute of Chartered Accountants of India.

Name of the Speaker(s) - CA Manish Bhandari

The lectures were attended by approximately 65 students from all the divisions of the F.Y.B.Com. class. Each lecture was followed by a question and answer session. The support staff from the Pune Chapter of the Institute of Cost Accountants of India and Pune Branch of the Institute of Chartered Accountants of India interacted with the students. The lecture series was coordinated by Dr. Rasika Date.

2) Soft Skills Development Workshop:-

The Department of Commerce had organized a five-day 'Soft Skills Development Workshop' for Commerce students. The workshop was conducted from 26th February, 2024 to 2nd March, 2024 from 11.30 am to 02.30 pm. (in two sessions). The event witnessed the presence of 41 students eager to enhance their skills accompanied by the esteemed teaching staff of the Department of Commerce. The workshop included various interactive sessions by eminent personalities on topics like; Presentation Skills, Emotional Intelligence, Stress Management, Interview Technique, Communication Skills, Decision Making, Study Skills, Public Speaking, Resume Writing, etc. The workshop was coordinated by Prof. Rahul Datta Jadhav.

3) Workshop on Stock Exchange Operations

The Department of Commerce had organized a three day workshop on Stock Exchange Operations for the students of Commerce in the month of March, 2024. The guest speakers were Mr. Nandkumar Kakirde and Mr. Sadanand Soman. The workshop covered the topics like; Primary Market, Secondary Market, Online trading, intra day trading etc. 31 students participated in the workshop.

The workshop was coordinated by Dr. S.R. Hirwe and Prof. Shruti Sonawane.

4) Workshop on Stock Market Investment :

The Department of Commerce had organized a six day workshop on Stock Market Investment for the students S.Y BCom, T.Y. BCom and MCom , in the month of March, 24. The training focussed on fundamentals of Investment , various types of opportunities for investment in Stock Market , to learn investment through real time stock market price movements (index -Nifty-50) with an notional amount. It also covered the techniques of investment , for short term and long term. 30 students participated in the workshop. The workshop was designed and implemented by Prof. A.V. Desai.

Achievement of Staff

Faculty invited as Resource persons

Name of the Faculty - Dr. Vijay Gaikwad

Dates - 17th Dec. 2023

Organising body and Place - The COSMOS Co Op Bank, Shivajinagar Pune

Topic - Corporate Training

- 1 **Name** - Dr. Rupesh Bansode. **Title of Paper Journal** - Roll of Human Resource Management in Banking Sector. **Name** - Madhya Pradesh Journal of Social Sciences **Publication of Research Paper** - UGC LISTED JOURNAL ISSN 0973-855X **Level** - **Volume issue Date** - Vol. 28 No:1 January 2023. **Impact Factor of Journal** - 5.3

Industrial Visit

1. **Faculty incharge** - 1. Dr. Moreshwar. Y. Meeshi, 2. Prof. Shweta Padekar. **Place** - Pune Zilla Sahakari DudhUtpadak Sangh Maryadit, Katraj, Pune (Katraj Dairy). **Number of Students** - 44 (T.Y. B.Com.)
2. **Faculty incharge** -1. Dr. Moreshwar. Y. Meeshi, 2. Prof. Shweta Padekar, 3. Dr. Rupesh Bansode, 4. Prof. Yashshree Dargad **Place** - College of Agricultural Banking, Pune Visit to RBI Archive. **Number of Students** - 25 (F.Y.B.Com.)

Other Achievements

1) Dr. Vijay N. Gaikwad

Worked as Corporate trainer and conducted training programme for employees of the COSMOS Co-op Bank Ltd

2) Dr. Rupesh Bansode

- a. Worked as a chairman of Commerce Association
- b. Worked as a U.G Coordinator
- c. Worked as a Academic Council Member
- d. Worked as a BOS member university of Pune

3) Prof. A.V. Desai

a) Worked as a P.G. Coordinator (MCom)

b) Worked as a coordinator for the New Business Idea Presentation Competition organized by the Department of Commerce. Six Teams Participated in the competition.

4) Dr. Shraddha Hirwe

- a. Worked as coordinator of competitions of Commerce Association like Creative Ad Presentation Competition, Debate Competition.
- b. Worked as a coordinator for National Youth Day Competition organised with the association of The Cosmos Co-operative Bank Ltd. The competitions were organised viz. Street Play and Essay. Total seven groups participated in the Street Play competition and 67 participants in the Essay Competition.
- c. Worked as a coordinator for the Business Plan Presentation Competition organised by Modern College, Ganeshkhind, Pune 53. Two groups participated in the competition.

5) Dr. Rasika Date

Awarded Ph. D in Commerce in Subject Business Administration in August, 2023 under the guidance of Dr. Ashok V. Kamble at the PGRC of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 411005.

Title of the Thesis: A Study of Contemporary Management and Social Audit Practices for assessing Empowerment of Women Employees in Educational Institutions.

6) Dr. Moreshwar Yamamanppa Meeshi

1. Completed the One week Faculty Development Programme on NEP 2020 Orientation & Sensitization under “Malaviya Mission Teacher Training Programme (MM-TTP)”
2. Worked as coordinator of Rangoli Competition organised by the Commerce Association.
3. Worked as coordinator of the Photography Competition organised by the Commerce Association.
4. Worked as coordinator of P.P.T. Presentation Competition organised by the Commerce Association.
5. Industrial Visit to Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit, Katraj, Pune (Katraj Dairy) of T.Y .B.Com students
6. Industrial Visit to College of Agricultural Banking of RBI Archive, Pune of F.Y.B.Com students.

7) Dr. Amol Nanasaheb Nikale

Awarded Ph. D in Commerce in Subject Business Administration in March, 2024 under the guidance of Dr. Ashok V. Kamble at the PGRC of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune 411005.

Title of the Thesis: “A Comparative study of HRD Practices of LIC and other Private Life Insurance Companies.”

8) Prof. Shweta Padekar

1. Worked as coordinator of Rangoli Competition organised by the Commerce Association.
2. Worked as Judge of Photography Competition, Creative Ad Competition and PPT presentation organised by Commerce Association.
3. Industrial Visit to Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit, Katraj, Pune (Katraj Dairy) of T.Y .B.Com students
4. Industrial Visit to College of Agricultural Banking of RBI Archive, Pune of F.Y .B.Com students.
5. Worked as an assistant coordinator of Essay competition and Street Play Competition organised by The Cosmos Co-operative Bank Ltd.

- Dr. Vijay N. Gaikwad
Vice Principal and Head
Department of Commerce

Department of Commerce (SF)

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: Commerce (SF)

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	M.D.Alandikar	HoD and Chairperson of DIQAC	8308802322	hodcommercesf@moderncollegepune.edu.in
2	Dr Philomena Fernandes	Member 1	9423215858	fernandescommercesf@moderncollegepune.edu.in
3	Prof DeeptiGaonkar	Member 2	9822710555	gaonkarcommercesf@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty :

Non-Teaching Staff Students

Alumni

01

Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos.

International

National

State

Institution Level

3

(ii) Themes : 1) Financial Education for Young Citizens(NISM)

2) Entrepreneurship awareness camp(MCED)

3) Skill Development & Employment Program(TMI)

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

SN	Date	Title	Name of the speaker	No of Participants
01	15 July 23	Y20 India Choupal	Adv. MaitryeeBapat Member of National Research Team of Y20, India	120
02	26 July 23	Stock Market Awareness Program	Joel Shetty	87
03	27 July 23	Career Opportunities in Cost Accounting	CMA AmeyTikale Managing Committee member of ICMA, Pune Chapter	
04	03 Aug 23	Career Opportunities in Banking Sector	Lokesh Sharma, Managing Director, Oliveboard Learning Centre, Erandwane, Pune	58
05	08 Aug 23	Career Opportunities with Foreign Languages	Prof.Anuradha Patil, Founder Director of Be Lingual Institute of Foreign Languages	65

06	22 Aug 23	Career as Company Secretary	CS Sandeep Kulkarni	79
07	18 Sept 23	Personality Development and Hospitality Management”	Ms. Ikneet Kaur, Founder & Director of Poise International Institute of Aviation & Hospitality, Pune	56
08	26 Sept 23	Guidance Session on “Resume Writing Skills”	Prof.Niraj Solanki, Career Launcher	47
09	16 Oct 23	Career Opportunities in the field of Accounting & Taxation”	CA Madhuri Marne	36
10	17 Oct 23	Career Guidance in Law & LLP as Business	Adv. Amruta Chhajed, working as Director to “Yes Academy”	17
11	20 Oct 23	How to prepare for various Entrance Exams for Higher Education Abroad	Prof. Rajrshi Banerjee, Relationship Manager, Jamboree Institute, Pune	53
12	26 Oct 23	Importance of Group Discussion & Personal Interviews in various Entrance Exams”	Prof. Niraj Solanki, Resource Person, Career Launcher, Pune	

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG				
UG	01	Nil	01	
PG Diploma	01	Nil	01	
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

During the academic year 2023-2024 S.Y.BCOM NEP Syllabus revision was carried out

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

Certificate courses on Basic Tally Prime ERP, Advanced Tally Prime ERP, Advanced MS Excel, Practical GST has been introduced by signing MOU with SuyashEducom for conducting above certificate courses. This would enhance the employability skill of the students.

1.2.1 - Number of new courses introduced across all programmes offered during the year

Nil

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

BCOM and MCOM

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
Employment Enhancement Skill		01	100 hrs	47	47
Financial Education for young citizens		01	10hrs		

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Internship in the taxation domain - filing IT returns for employees in MNCs.	05

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
12	12	yes	6	01	Projectors

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
02	01	01		

2.2 No. of permanent faculty with Ph.D: 02

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
----	----	----	----	----	----	----	----	----	----

2.4 No. of Guest and

10

Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		04	
Presented papers		-----	
Resource Persons		-----	

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Institution has adopted interactive sessions, workshops and practical exercises led by experienced professionals and subject matter experts.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
01	Dr Philomena Fernandes	member	May 23 rd 2023 and May 14 th 2024
02	Prof Shreya Vaidya	member	May 23 rd 2023 and May 14 th 2024
03	Prof Ashwini Joshi	member	May 23 rd 2023 and May 14 th 2024
04	Prof Shamla Bhasme	member	May 23 rd 2023 and May 14 th 2024
05	Prof Pravin Salunke	member	May 23 rd 2023 and May 14 th 2024
06	Prof Bhagyashri Sewane	member	May 23 rd 2023 and May 14 th 2024
07	Prof Ashish Saetape	member	May 23 rd 2023 and May 14 th 2024
08	Prof Yuvraj Shelke	member	May 23 rd 2023 and May 14 th 2024
09	Prof KanchanS helke	member	May 23 rd 2023 and May 14 th 2024

2.10 Average percentage of attendance of students

75%

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	01
Staff training conducted by other institutions	04

Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	03			
Technical Staff	01			

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.2 Ph. Ds awarded during the year	
Name of the Department	No. of Ph. Ds Awarded
English	01

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

In order to create research climate Research Cell of B.A. Campus Organised a guest lecture on good publication practices. The session provided necessary inputs on publication norms, researcher's ethical code and issues in research ethics. The session provided knowledge of how ethical standards for publication should exist to ensure high-quality publications, public trust in research findings, and that people receive credit for their work and ideas. This guidance was quite helpful for preparation of research proposal and for writing research articles. Prof. (Dr.) Bharat Vhankate (Head, PhD Research Center & Professor, MES Garware College of Commerce) was the resource person.

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index
3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-----	-----	-----	-----
Minor Projects	-----	-----	-----	-----
Interdisciplinary Projects	-----	-----	-----	-----
Industry sponsored	-----	-----	-----	-----

Projects sponsored by the University/ College	-----	-----	-----	-----
Students research projects (other than compulsory by the University)	-----	-----	-----	-----
Any other(Specify)	-----	-----	-----	-----
Total	-----	-----	-----	-----

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conference organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/ Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Sr. No.	Guide Name	Recognized by University	Names of Students registered	Year of Registration
01	Dr Philomena Fernandes	SPPU	-----	2022

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		01		4
Presented papers				
Resource Persons				

3.5 Collaborations			
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year			
Nature of Activity	Participant	Source of financial support	Duration
Research	12	Organisator	
One day			
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year			
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
1) Suyash Educom	8 Jan 2024	Employment enhancement courses like Basic Tally Prime ERP, Advanced Tally Prime ERP, Advanced MS Excel, Practical GST.Basic Tally	Teachers-1 Students-Basic Tally-36 students Advanced Excel-21 Students
2) Taxblock India Pvt Ltd	20 Sept 23	Employment enhancement like filing ITR and GST	5 students

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year :

Social week is organised for sensitising students on human values ,social values and environmental awareness is created.Students are taken to nearby areas during festivals for cleanliness drive

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	00	01	155mbps	01	01	01	01	155mbps	
Added	01	----- -	----- --	----- --	----- -	----- ---	----- ---	-----	
Total	01	01	155mbps	01	01	01	01	155mbps	

Criterion – V

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment	Position
Nahush Kulkarni	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Swapnil Tayad	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Devyani Padmakar Tambe	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Neha Desai	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Rutuja Tambure	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Rohini Shinde	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Danish Vijay Pawar	B.COM (SF)	C CUBE CONSULTANT		HR Intern
Dharini Pawar	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Manisha Sangle	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Snehal Phadtare	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Suhana Shaikh	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Priya Srivastava	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Neha More	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Vaishnavi Pachpind	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Aditya Pradip Sutar	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Pallavi Pujari	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Chaitali Desai	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Aditi Shinde	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Pallavi Pralhad Madke	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Suhasini Patil	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Ashwini Bhimrao	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Komal Singh	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Gurmeet Satpal	B.COM (SF)	C CUBE CONSULTANT		HR Intern
Vitthal Tanpure	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive

Akanksha Sakore	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Shivani Salunke	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Sairaj Jadhav	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Sudhakar Bodhan	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Khushal Choudhary	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Kshitij Chikhale	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Mayur Bhalerao	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Akash Ravi Bhandari	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Tanvi Walke	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Vishnu Dore	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Komal Phatak	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Aditi Vairal	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Abhijeet Dahale	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Aditya Talape	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Gaurish Kamath	B.COM (SF)	C CUBE CONSULTANT		HR Intern
Shravani Jadhav	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Tejas Somanth Jadhav	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Abhishek Bharat Sarode	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Rushikesh Patil	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Omkar Shinde	B.COM (SF)	C-Core India Technosolution Pvt Ltd	2LPA	Customer Support Executive
Aditya Ramesh Pandey	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Akash Vishwakarma	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Prathamesh Shukla	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Vaibhav Wagh	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Ketaki Baride	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Akshaya Badve	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Aishwarya Gaikwad	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Aditya Pandit	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive

Shubham Sanjay Jadhav	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Onkar Thorat	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Gyatso Noldan	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Shubham Dhebe	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Aman Khan	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Prajol Shinde	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Vighnesh Beloshe	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Nikita Marathe	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive
Sagar Kengale	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Mukta Deshmukh	B.COM (SF)	Techknow Minds Global Solutions	2.10 LPA	Support Executive
Meghana Mangesh Shinde	B.COM (SF)	Umbrella Tree	2.6 LPA	Customer Support Executive

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services Displaying notices on digital board as well as circulating circulars in the classroom

5.2 Efforts made by the Department for tracking the progression Forming of Alumni Association

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
837	45		

(b) No. of students outside the state

13

Please provide the list of students, Gender, class, categoryas annexure

(c) No. of international students

07

Please provide the list of students, Gender, class, categoryas annexure

No	%
480	

No	%
357	

Men

Women

5.2.1 - Number of outgoing students who got placement during the year

Sent in annexure

On campus

Number of
Organizations
Visited

Number of Students
Participated

Off Campus

Number of
Students Placed

Number of Students Placed

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template): Nil

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Registration number/ Roll number for the exam	Names of students appeared													Other examinations conducted by the State / Central Government Agencies (Specify)
	NET	IIT-JAM	SLET/SET	JRF	GATE	GMAT	CAT	GRE	JAM	IELTS	TOEFL	Civil Services	State government examinations	
--	--	--	--	--	--	--	--	--	--	--	--	01	--	01

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

Career guidance in various courses are provided for the students

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

13. Soft Skills
14. Language and Communication Skills
15. Life Skills (Yoga, Physical fitness, Health and Hygiene)
16. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Women Entrepreneurship Program	2023-24	12	NIBM
Financial Education for Young Citizens	2023-24	34	NISM
Com Fest 23	2023-24	70	Commerce dept SF
Banking Exposition	2023-24	88	Commerce dept SF
Tax Block-Internship	2023-24	5	Taxblock India Pvt Ltd,
Certificate courses on Tally Tally Prime ERP, Advanced Tally Prime ERP, Advanced MS Excel, Practical GST	2023-24	80	Suyash computers

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
01	Banking Exposition	exhibition	Department	Department had organised Banking Exhibition where students participated with charts and Models
02	COMFEST	Fair	Department	Students prepared products and sold in the college. Cost sheet was prepared by them
03	Aarohan	Cultural fest	Department	Cultural Fest organised by the students

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year					
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2023-2024		Vridhhi software		-----	05
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year					
Title of the professional development programme			Number of teachers who attended		Date and Duration (from – to)
Refresher course			01		

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development :

As per new guidelines of New Education policy of 2019-College has adopted new Curriculum from the academic year 2023-24. First year Bcom has adopted subjects according to the specialisation. Students had the choice to select subjects according to their choices. Considering the New Curriculum is developed by experts of the subject considering the guidelines placed by SPPU. Various workshops have been conducted for the curriculum design.

6.3.2 Teaching and Learning : Innovative methods of teaching learning has been adopted.

Major mandatory and Minor subjects are been effectively taught using Classroom methodologies. Few

subjects ICT methods are been adopted and few subjects are been deciphered using online videos.

6.3.3 Examination and Evaluation :Offline mode of examination is adopted.Based on the credits evaluation pattern has been done accordingly.Blooms taxonomy is adopted in question paper setting ,evaluation and assessment.

6.3.4 Research and Development:Inorder to promote research climate teachers are encouraged to participate in research activities.Students have community engagement and field project in SY and TY Bcom

6.3.5 Library, ICT and physical infrastructure / instrumentation:We have digital library and departmental library for the students and teachers.Good ICT facilities and physical infrastructure as per the UGC and SPPU norms

6.3.6 Human Resource Management:Traning for teaching faculties and office staff is been provided by the management as per the requirements of changing education system

6.3.7 Faculty and Staff recruitment:Faculty and staff recruitment id done as and when required as per the management norms

6.3.8 Industry Interaction / Collaboration:Industry Interaction and Collaboration has been developed through the placement cell.Training has been provided tostudents by the recruiting companies as per the industry requirements

6.3.9 Admission of Students :Admission process is followed as per the government rules and University guidelines

6.11 Activities and support from the Alumni Association:Alumni association is formed and activities are conducted .

6.12 Activities and support from the Parent – Teacher Association:PTA meeting are held in the beginning and in the middle of the academic session

6.13 Development programmes for support staff:Training programmes are held for support staff by the management

6.14 Initiatives taken by the institution to make the campus eco-friendly Done at Institution level

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department:

A)Organising social week

B) Research activity

C) Addressing Gender issues

7.4 Contribution to environmental awareness / protection: Activities are conducted to create awareness among students about environmental protection under social week and environmental awareness is created through guest lectures

7.6 SWOC Analysis of the Department:

- **Strength:** Training students as per skill set required by industry & economy.
- Dynamic, well qualified teaching staff with professional & practical knowledge who tries to develop teaching techniques.
- Conducting numerous activities to improve & develop professional skills of students.
- Proper coordination & communication by placement cell regarding job opportunities.
- Availability of modern infrastructure & enriched library.
- Activities undertaken to instill the sense of social responsibility among the students.

Weakness:

- Difficult to provide practical exposure through Internship.

- The course base is non-technical hence students may face problems in handling various customized software.
- Less participation of faculties & students in Research activities.

Opportunities:

- Organizing various skill based training programme to make the students employable.
- Practical oriented projects / Employment oriented program can be initiated.
- Department can undertake minor /major/Govt. funded research projects. Participation in International and National level seminars and conferences is possible.
- Enhancing students' merit whose use of vernacular language is very high and improving their communication skills.
- Increase in Industry- College Academia to mold the skill set of students as per demand of industry.
- Challenge in knowledge creation in interdisciplinary approach.
- To develop social awareness among the students so that they must be capable to provide services to society to satisfy anticipated social need.

8.Plans of Department for next year:

- 1)Providing skill based training as per the requirements of the Industry.
- 2)More MOU'S to be signed for providing technical knowledge to students to get practical knowledge.
Associations / MOUs with different Institutes, Placement Agencies & Industries to enhance the approach with industrial sector as well as to develop Entrepreneurial Skills.
- 3)Placement activities are to be enhanced
- 4) Conducting various soft skill programmes to enhance the employability skills of students and focusing forthcoming Career Opportunities.

Name 1: Dr Philomena Fernandes Name :Dr MilindAlandikar

Name 2 :PofDeeptiGaonkar

Name and Signature of the Members, DIQAC

Signature of the Chairperson,DIQAC

Department of Commerce Self Finance (BAC), established in 2007 actively conducts many activities every year. Our Department organizes various student centric activities. The departmental staff also motivates students to take part in activities apart from the syllabus. Details of the activities are as follows:

- 1) **Title of the Event:** Corporate Visit to Barclays Bank, Kharadi, Pune

Date: 27 June 23

Speaker Name, Designation & Affiliation: Barclays Bank Kharadi in collaboration with IAHV

No. of Participants: 12

Description of the Event: Visit was organized for girl students of T.Y.B. Com only under employee engagement program as a CSR activity of Barclays Bank in collaboration with IAHV. One to one session on "Financial Literacy & Career Opportunities in Investment Banking" were conducted by Barclays Bank employees for the students.

- 2) **Title of the Event:** Y20 India Choupal

Date: 15 July 23

Speaker Name, Designation & Affiliation: Adv. Maitryee Bapat, Member of National Research Team of Y20, India

No. of Participants: 120

Description of the Event: The session was conducted on Health, Well Being & Sports. It was a forum discussion where students participated in it.

- 3) **Title of the Event:** Guidance Session on “Stock Market Awareness Program”

Date: 26 July 23

Speaker Name, Designation & Affiliation: Joel Shetty

No. of Participants: 87

Description of the Event: This session was on the introduction of the stock market for T.Y.B. Com students.

- 4) **Title of the Event:** Guest Session on “Career Opportunities in Cost Accounting”

Date: 27 July 23

Speaker Name, Designation & Affiliation: CMA Amey Tikale, Managing Committee member of ICMA, Pune Chapter

No. of Participants: 72

Description of the Event: The session was on CMA course as well as other career opportunities for costing subjects in various industries.

- 5) **Title of the Event:** Guest Session on “Career Opportunities in Banking Sector”

Date: 03 Aug 23

Speaker Name, Designation & Affiliation: Lokesh Sharma, Managing Director, Olive board Learning Centre, Erandwane, Pune

No. of Participants: 58

Description of the Event: The speaker guided our students on various types of bank exams & how they can prepare themselves for appearing in this exam.

- 6) **Title of the Event:** Guidance Session on “Career Opportunities with Foreign Languages”

Date: 08 Aug 23

Speaker Name, Designation & Affiliation: Prof. Anuradha Patil, Founder Director of Be Lingual Institute of Foreign Languages

No. of Participants: 65

Description of the Event: The session was truly focusing on Career Opportunities with Foreign Languages (German & French). The institute is providing a Level 1 course of German language to the interested students of B. Com on our campus.

- 7) **Title of the Event:** Guidance Session on “Career as Company Secretary”

Date: 22 Aug 23

Speaker Name, Designation & Affiliation: CS Sandeep Kulkarni

No. of Participants: 79

Description of the Event: The speaker gave information on the company dispute and its knowledge. He also informed about the number of CS in India & the history of Company Secretary.

- 8) **Title of the Event:** Raksha Bandhan Social Awareness

Date: 30 Aug 23

Speaker Name, Designation & Affiliation: Kasba Fire Station

No. of Participants: 20

Description of the Event: our 20 girl students celebrated Raksha bandhan at Kasba Fire Station as a mark of social gratitude. Mr. Pardeshi officer of the city fire brigade gave complete information about the fire brigade and vehicles.

- 9) **Title of the Event:** International Youth Day Celebration

Date: 31 Aug 23

Speaker Name, Designation & Affiliation:

No. of Participants: 150

Description of the Event: International Youth Day was celebrated where various cultural activities like dance, singing, acts and a live painting were conducted for the students.

10) Title of the Event: Banking Exposition

Date: 04 Sept 23

Speaker Name, Designation & Affiliation: Chief Guest - Mr. Abhay Mishra, Director of Sampada Cooperative Bank

No. of Participants: 88

Description of the Event: Banking exposition was organized for the F.Y.B. Com & M. Com (E Commerce) students. The theme of the exposition was on “Technological Advancement in Banking Sector”. Mr. Abhay Mishra, (Director of Sampada Cooperative Bank) inaugurated the event. Participated students exhibited their knowledge related to the theme through posters, models & booklets.

11) Title of the Event: Industrial Visit to Ladoba Food Industry, Erandwane, Pune

Date: 15 Sept 23

Speaker Name, Designation & Affiliation: Ladoba Food Industry, Erandwane, Pune

No. of Participants: 23

Description of the Event: Industrial visit was organized for Marketing specialization students. The purpose of this visit was to impart practical knowledge of marketing techniques.

12) Title of the Event: Guest Lecture on “Personality Development and Hospitality Management”

Date: 18 Sept 23

Speaker Name, Designation & Affiliation: Ms. Ikneet Kaur, Founder & Director of Poise International Institute of Aviation & Hospitality, Pune

No. of Participants: 56

Description of the Event: The session was focused on mock interviews and confidence building.

13) Title of the Event: MOU for Internship Programme

Date: 20 Sept 23

Speaker Name, Designation & Affiliation: Taxblock India Pvt Ltd, Shivajinagar, Pune

No. of Participants: 5

Description of the Event: MOU with Taxblock is signed by the department for internship programme. Internship will start from 23 November 2023 to 24 January 2024 for T.Y.B. Com students. Internship will be in the taxation domain such as filing IT returns for employees in MNCs. Under this programme 5 students from T.Y.B. Com have been selected based on the aptitude test and interviews.

14) Title of the Event: Guidance Session on “Resume Writing Skills”

Date: 26 Sept 23

Speaker Name, Designation & Affiliation: Prof. Niraj Solanki, Career Launcher

No. of Participants: 47

Description of the Event: The session was based on how to write a resume.

15) Title of the Event: Guidance Session on “Career Opportunities in the field of Accounting & Taxation”

Date: 16 Oct 23

Speaker Name, Designation & Affiliation: CA Madhuri Marne

No. of Participants: 36

Description of the Event: The speaker gave information regarding career opportunities after graduation in the field of Accounting & Taxation & also shared her experience.

- 16) Title of the Event:** Guest Session on “Career Guidance in Law & LLP as Business
Date: 17 Oct 23
Speaker Name, Designation & Affiliation: Adv. Amruta Chhajed, working as Director to “Yes Academy”
No. of Participants: 95
Description of the Event: The speaker guided T.Y.B. Com students on the legal knowledge about Law for Business. Also, she guided the students on how to start LLP business under the Act of LLP. It was a fruitful session for the students.
- 17) Title of the Event:** Guidance Session on “Careers to pursue after Graduation”
Date: 17 Oct 23
Speaker Name, Designation & Affiliation: Prof. Bishnu Maitra, Lead Mentor, IMS, Pune
No. of Participants: 47
Description of the Event: The session was based on career options after graduation in various fields. The speaker explained the importance of personality development & communication skills in professional life.
- 18) Title of the Event:** Guidance Session on “How to prepare for various Entrance Exams for Higher Education Abroad”
Date: 20 Oct 23
Speaker Name, Designation & Affiliation: Prof. Rajrshi Banerjee, Relationship Manager, Jamboree Institute, Pune
No. of Participants: 53
Description of the Event: The speaker gave information on higher education in abroad. The speaker also explained various exams which are required for studying abroad.
- 19) Title of the Event:** Guest Lecture on “Importance of Group Discussion & Personal Interviews in various Entrance Exams”
Date: 26 Oct 23
Speaker Name, Designation & Affiliation: Prof. Niraj Solanki, Resource Person, Career Launcher, Pune
No. of Participants: 64
Description of the Event: The session was focused on Group Discussion & Personal Interview techniques which will help students in their professional life.
- 20) Title of the Event:** Com Fest 23
Date: 31 Oct 23
No. of Participants: 70
Description of the Event: Com Fest is a costing & marketing subject activity where group wise, students prepare their own products & sale it in the campus by putting stalls. This is a group activity; every group have to submit “cost-sheet” of their products. The purpose was to impart practical experience of Entrepreneurship to the students in setting Business Ideas.
- 21) Title of the Event:** Academic Tour to NIBM, Pune
Date: 01 Nov 23
Speaker Name, Designation & Affiliation:-
No. of Participants: 83
Description of the Event: Academic tour was organized for the students to NIBM, Pune. Dr. Sarita Bhatnagar , Faculty Strategic Planning and Marketing Area at NIBM addressed the students on the topic “Digital Disruptions and Emerging Banking Models”. Dr. Naveen Kumar K. , Associate Professor in the Rural Finance Area Group at NIBM interacted with students on the topic of “Importance of Financial inclusion and professional development in the present competitive era”. Shri Parag Tiwari, Executive Officer, Placement guided the

students on career prospects in Banking and Finance and developmental efforts in quest of a successful corporate career. The interaction session concluded with a vote of thanks by Faculty coordinator Dr. Sarita Bhatnagar and an expression of gratitude by Dr. Philomena Fernandes. The delegation was guided on a campus visit to the lush green NIBM campus

22) Title of the Event: Career Scope in Business Process Management **Date:** 5 Jan 2024

Speaker Name, Designation & Affiliation: TMI in association with Bajaj Finserv & Nasscom

No. of Participants: 77

Description of the Event: An introductory session was conducted by TMI in association with Bajaj Finserv & Nasscom. They provided 20 days training on “Skill Development & Employment Program” for the registered students.

23) Title of the Event: MOU with Suyash Educom

Date: 8 Jan 2024

Speaker Name, Designation & Affiliation: Suyash Educom, Karve Nagar, Pune

No. of Participants: 80

Description of the Event: An introductory session was organized regarding certificate courses on Basic Tally Prime ERP, Advanced Tally Prime ERP, Advanced MS Excel, Practical GST. Our college has signed an MOU with Suyash Educom for conducting the above certificate courses.

24) Title of the Event: Youth Convention

Date: 12 Jan 2024

Speaker Name, Designation & Affiliation: Ramakrishna Math, Pune

No. of Participants: 60

Description of the Event: On the occasion of Birth Anniversary of Swami Vivekananda, a visit was organized at Ramakrishna Math, Kothrud to attend youth day celebration. The Chief Guest was Dr. Nivedita Ekbote, Deputy Secretary, Progressive Education Society, Pune.

25) Title of the Event: Financial Education for Young Citizens

Date: 17 Feb 2024

Speaker Name, Designation & Affiliation: Mr. Rohan Warman & Mr. Shiv Kumar Bhasin, Chief Technology Officer NSE India

No. of Participants: 34

Description of the Event: A one-day workshop was conducted under CSR initiative of Aditya Birla Capital organised by NISM. The session was conducted by Mr. Rohan Warman. The objective of the workshop was to create awareness of the personal finance framework, awareness of employment opportunities in financial service industries and self-employment opportunities viz. investment advisors, portfolio management, research analyst or authorized persons of trading members and DP. The concluding session was conducted by Mr. Shiv Kumar Bhasin, Chief Technology Officer NSE India, explaining the Trade Cycle in NSE.

26) Title of the Event: Women Entrepreneurship Summit 2024

Date: 16 March 2024

Speaker Name, Designation & Affiliation:

1. Chief Guest- Dr. Medha Purao Samant, MD of Annapurna Parivar
2. Prajakta Shetye Deo (co-founder of Possiview) Chetan J Shrinani, Venture Capitalist at CoCreate Venture, Anuj kumar Malviya, start up in banking head, SBI, Mr. Ganesh Parpiani, Chief Manager of Bank of Maharashtra and Dr. Smita Roy Trivedi, Moderator of IIC NIBM
3. Mrs. Shilpa khude, (Founder, Shahi Niti Masle Pvt. Ltd.)

4. Mrs. Aparna Athreya, (Founder, Story Triangle)
5. Nikita Vora (SHE leads 100)
6. Ritu Verma (Compliance Head at PayGlocal)
7. Ms. Rakhi Pal, (Co-founder Event Beep)
8. Anuradha Iyer (Founder, Ansuri Fabrics)
9. Monika Belsare (COO Ideas to Impact)
10. Dr. M Manickaraj (Faculty, NIBM & President IIC NIBM)

No. of Participants: 15 Girl Students

Description of the Event: Under the Gender sensitization program, 15 female students have enthusiastically attended “Women Entrepreneurship Summit 2024” organised by NIBM, Kondhwa.

Students Achievement in Sports:

- 1) Mr. Prasad Pardeshi from T.Y.B.Com. (Div.-A) has participated in All India Inter University boxing tournament and West zone Inter University boxing tournament which was held at Chandigarh. He also won Gold medal in Inter Zonal Boxing Competition & Intercollegiate Boxing Competition in Pune.
- 2) Ms. Nikita Chavan from S.Y.B.Com. (Div.-B) has participated in Senior State Level Women’s Handball tournament & Junior National Level Women’s Handball tournament which was held at Chhatrapati Sambhaji Nagar and Rajasthan respectively. She also won Silver medal in Intercollegiate Boxing Competition in Pune.
- 3) Ms. Vaishnavi Magar from S.Y.B.Com. (Div.-B) has participated in Senior State Level Women’s Handball tournament & Junior National Level Women’s Handball tournament which was held at Chhatrapati Sambhaji Nagar and Rajasthan respectively. She also won Silver medal in Intercollegiate Boxing Competition in Pune.
- 4) Ms. Bhanavi Kaple from T.Y.B.Com. (Div.-A) has won Silver medal in Inter Zonal Cricket Competition & Intercollegiate Cricket Competition which was held in Pune.
- 5) Mr. Sahil Sheikh from S.Y.B.Com. (Div.-D) has won Silver medal in Intercollegiate Boxing Competition & participated in Inter zonal boxing Competition Which in Pune.
- 6) Mr. Rahul Khimore from S.Y.B.Com. (Div.-D) has won Silver medal in Intercollegiate Boxing Competition & participated in Inter zonal boxing Competition which was held in Pune.
- 7) Mr. Chandan Dubey from S.Y.B.Com. (Div.-B) has participated in National Level Frisbee Tournament which was held at Andhra Pradesh.
- 8) Ms. Sonal Kore from S.Y.B.Com. (Div.-A) has won Gold medal in Intercollegiate Volleyball Tournament in Pune.
- 9) Ms. Rutuja Jadhav from S.Y.B.Com. (Div.-A) has participated in Intercollegiate Kho-Kho tournament in Pune.
- 10) Ms. Bhagyashree Thok from S.Y.B.Com. (Div.-A) has participated in Intercollegiate Kho-Kho tournament in Pune.
- 11) Ms. Shruti Yadav from S.Y.B.Com. (Div.-A) has participated in Intercollegiate Kho-Kho tournament in Pune.
- 12) Mr. Anuj Sutar from T.Y.B.Com. (Div.-B) has won Gold medal in A.I.S.S.M.S. Football Tournament which was organized by A.I.S.S.M.S. College, Pune. He also won a Bronze medal in Flames Kurukshetra Football Tournament which was organized by Flames University, Pune. He participated in the Intercollegiate Football Tournament which was held at Ness Wadia college, Pune.
- 13) Mr. Omkar Dhangar from T.Y.B.Com. (Div.-B) has won Gold medal in A.I.S.S.M.S. Football Tournament which was organized by A.I.S.S.M.S. College, Pune. He also won a Bronze medal in Flames Kurukshetra Football Tournament which was organized by Flames University, Pune. He participated in the Intercollegiate Football Tournament which was held at Ness Wadia College, Pune.

- 14) Mr. Ganesh Vyavahare from T.Y.B.Com. (Div.-B) has won Gold medal in A.I.S.S.M.S. Football Tournament which was organized by A.I.S.S.M.S. College, Pune. He also won a Bronze medal in Flames Kurukshetra Football Tournament which was organized by Flames University, Pune. He participated in the Intercollegiate Football Tournament which was held at Ness Wadia college, Pune.
- 15) Mr. Tejas Ghadge from T.Y.B.Com. (Div.-B) has won Gold medal in A.I.S.S.M.S. Football Tournament which was organized by A.I.S.S.M.S. College, Pune. He also won a Bronze medal in Flames Kurukshetra Football Tournament which was organized by Flames University, Pune. He participated in the Intercollegiate Football Tournament which was held at Ness Wadia college, Pune.
- 16) Mr. Kunal Dhamnekar from T.Y.B.Com. (Div.-B) has won Gold medal in A.I.S.S.M.S. Football Tournament which was organized by A.I.S.S.M.S. College, Pune. He also won a Bronze medal in Flames Kurukshetra Football Tournament which was organized by Flames University, Pune. He participated in the Intercollegiate Football Tournament which was held at Ness Wadia college, Pune.

Intercollegiate Competition(Extracurricular)

Students of TYBCOM participated in Intercollegiate competition “DeSafio ComFest” organised by Christ College Pune on 16/02/2024. Our students won the rolling trophy.

Students participated in three Competitions

1. Financial Wizard
2. Talent sphere
3. Creative Fusion

In these events knowledge of commerce is tested by giving on the spot different tasks to the students in different rounds by following simple to difficult levels.

Where Group of 4 students in Creative Fusion secured a First place

Winners - Drushti Lohat, Sanskruti karande, Aditi Vairal, Tanvi Walke

Group of 3 students in Talent Sphere secured a 2nd place

Winners - Dharini Pawar, Aditi Shinde, Pallavi Pujari

Staff Achievements:

1. All the faculty members of the department participated in a one-day Faculty development programme organised by IBS in IBS Pune Campus. Title of the workshop “Plagiarism and Publication Ethics” on 3rd November 2023
2. Four Faculties Dr Philomena Fernandes, Prof Shreya Vaidya and Prof Ashish Sartape, Prof Deepti Gaonkar participated in One Day Workshop on “Outcome based Education organised by Manghanmal Udham College of Commerce, Pimpri on February 13th 2024.
3. Two Faculties Prof Shreya Vaidya and Prof Bhagyashri Sewane participated in One Day Faculty Development workshop on “Research Projects under Unnat Maharashtra Abhiyan conducted by IIT Bombay on 25th April 2024.
4. Prof Deepti Gaonkar participated in a State level symposium on “Application of Indian Knowledge (IKS) organised by MIT ON 26th August 2023.
5. All the faculties of Commerce participated in Guest lecture by the research head of Garware Dr Vhankate on the topic

- Prof. Dr. Philomena Fernandes
(HOD, B. Com SF)

- Prof. Mrs. Shreya Vaidya
(M. Com Coordinator)

BBA

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members:

Department Name: **BBA**

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. M. D. Alandikar	HOD and Chairperson of DIQAC	8308802322	hodcommercesf@moderncollegepune.edu.in
2	Prof.Lawly Das	Member 1	7588273186	dascommercesf@moderncollegepune.edu.in
3	Prof.JasmeetPatil	Member2	9822313786	patilcommercesf@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No.Faculty 19 12

Non-Teaching Staff ----- Students 06 Alumni 01 Others -----

2.13 Seminars and Conferences (only quality related):

(i) No. of Seminars/Conferences/**Workshops**/Symposia organized by the Department

Total Nos. 10 International --- National --- State --- Institution Level 10

(ii) Themes:

1. Industrial Visit to Barclays, Kharadi(**Life Skills Mentoring Program**) on 19th July 2023.
2. **Professional Grooming** workshop in collaboration with E-Cell, IIM Calcutta and Make Intern from 31st July 2023 - 3rd August 2023.
3. Career Readiness Training of WNS's Care Foundation's **Makemycareer Program** from 14th September 2023 - 9th October 2023.
4. IBS Certification Program on **Practical Business Development Skills** under the **STUDENT DEVELOPMENT PROGRAMME** flagship from 16th October 2023 - 17th October 2023.
5. FDP on **Publication Ethics & Plagiarism** by Research Cell Committee on 3rd November 2023.
6. Field Visit to **Indradhanu - Promoting Art and Entrepreneurship** at Symbiosis College of Arts and Commerce organised by the Centre for Innovation and Entrepreneurship, Symbiosis on 10th January 2024.
7. Orientation Program of WNS Care Foundation's **Y_Brant Fellowship Program for Leaders of Tomorrow** from 12th February 2024 - 12th May 2024.
8. **Entrepreneurship Development Camp** by ED Cell from 13th February - 15th February 2024.
9. FDP on **Publication Ethics: Roles & Responsibilities of Authors** by Research Cell Committee on 18th March 2024.
10. Industrial Visit of BNY Mellon Premise Magarpatta (**Employee Engagement Program of BNY Mellon-IAHV Life Skills Project**) on 3rd April 2024.

*** Pl attach a Conference report as annexure**

2.14 Significant Activities conducted by the Department / DIQAC in the academic year:

1. Industrial Visit to Barclays, Kharadi(**Life Skills Mentoring Program**) on 19th July 2023.
2. **Professional Grooming** workshop in collaboration with E-Cell, IIM Calcutta and Make Intern from 31st July 2023 - 3rd August 2023.
3. Field Visit to **Cotton King (Baramati)&Nandan Dairy (Baramati)**on 1st September 2023.
4. Career Readiness Training of WNS's Care Foundation's **Makemycareer Program** from 14th September 2023 - 9th October 2023.
5. Field Visit to **Mapro (Wai) &RadheshyamFoods(Khedshivapur)** on 4th October 2023.
6. IBS Certification Program on **Practical Business Development Skills**under the **STUDENT DEVELOPMENT PROGRAMME** flagship from 16th October 2023 - 17th October 2023.
7. Visit at **District and Sessions Court, Shivajinagar, Pune**from 18th October 2023 - 23rd October 2023.
8. FDP on **Publication Ethics & Plagiarism** by Research Cell Committee on 3rd November 2023.
9. **AlumniMeet** on 4th November 2023.
10. Field Visit to **Indradhanu - Promoting Art and Entrepreneurship** at Symbiosis College of Arts and Commerce organised by the Centre for Innovation and Entrepreneurship, Symbiosis on 10th January 2024.
11. **Social Week**from 10th January 2024 – 13th January 2024.
12. Orientation Program of WNS Care Foundation's **Y_Brant Fellowship Program for Leaders of Tomorrow**from 12th February 2024 - 12th May 2024.
13. **Entrepreneurship Development Camp** by ED Cell from 13th February 2024 - 15th February 2024.
14. **BBA AAA** for AY 2022-2023 on 24th February 2024.
15. Annual College Fest **Aarohan - Exploring Limitless Talent**from 27th February 2024 - 2nd March 2024.
16. **BBA BOS** on **SY BBA (NEP) Syllabus Designing** on 9th March 2024.
17. **TY BBA Farewell** on 16th March 2024.
18. FDP on **Publication Ethics: Roles & Responsibilities of Authors** by Research Cell Committee on 18th March 2024.
19. Industrial Visit of BNY Mellon Premise Magarpatta (**Employee Engagement Program of BNY Mellon-IAHV Life Skills Project**) on 3rd April 2024.
20. **BBA BOS** on **NEP 2024 Syllabus Framework Restructuring** on 14th May 2024.

2.15 Plan of Action by DIQAC/Outcome:

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Academic Calendar is prepared during the beginning of the year	A report is prepared of all the activities conducted by the Dept. for the quality enhancement of the department & duly submitted to IQAC

* *Attach the Academic Calendar of the year as Annexure*

PART B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes:

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-----	-----	-----	-----
PG	-----	-----	-----	-----
UG	01	-----	-----	07
PG Diploma	-----	-----	-----	-----
Advanced Diploma	-----	-----	-----	-----
Diploma	-----	-----	-----	-----
Certificate	-----	-----	-----	-----
Others	-----	-----	-----	-----
Total	08			

Interdisciplinary	-----	-----	-----	-----
Innovative	-----	-----	-----	-----

1.1.2 Number of Programmes where syllabus revision was carried out during the year: **02**

1. **BBA BOS on SY BBA (NEP) Syllabus Designing** on 9th March 2024.

2. **BBA BOS on NEP 2024 Syllabus Framework Restructuring** on 14th May 2024.

1.1.3 Number of courses focusing on employability/entrepreneurship/skill development offered by the Institution during the year: **Nil**

1.2.1 Number of new courses introduced across all programmes offered during the year: **Nil**

1.2.2 Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System: **Nil**

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year: **01**

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
IBS Certification Program on Practical Business Development Skills	-----	01	16th October 2023 - 17th October 2023	150	150

1.3.2 Field Projects / Internships under taken during the year:

Project/Programme Title	No. of students enrolled for Field Projects / Internships
TY BBA Sem V (Business Exposure) Projects	217
TY BBA Sem VI (Finance/Marketing/Human Resource Management) Projects	215

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data): **100%**

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
10	10	5 Laptops, Wi-Fi enabled classrooms	05	Nil	E-Resources like web links of important study sites are shared with the students and methodologies like power point presentations, audio, video, case studies, GD, chalk & talk, business project plan preparation, etc. are been used in the class.

2.1 Total No. of permanent faculty: **03**

Total	Asst. Professors	Associate Professors	Professors	Others
03	03	Nil	Nil	Nil

2.2 No. of permanent faculty with Ph.D.: **Nil**

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year: **01**

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
01	01	----	----	----	----	----	----	----	----

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil	04	07

*** Pl. Provide the list of visiting faculty as annexure**

1. Prof. Vishal Shishupal
2. Prof. Saurabh Punde
3. Prof. Snehal Pol
4. Prof. Samadhan Bhadkumbhe

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year):

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
September 2023	Prof. Jasmeet Prashant Patil	Assistant Professor	The International Association of Lion's Club (Teacher's Day Felicitatation Programme)

2.5 Faculty participation in conferences and symposia: Nil

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	-----	-----	-----
Presented papers	-----	-----	-----
Resource Persons	-----	-----	-----

*** Pl. Provide the scan copies of participation certificates as annexure**

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Usage of OHP, Power Point presentations.
2. Conducting remedial lectures, tutorials, class room tests, marketing/finance/HRM activities & case studies and group discussions.
3. Conducting career guidance and counselling activities as a part of regular timetable which help students to acquire potentials to mould them according to their future goals and ambitions.
4. Conducting sports and games for students to make them strong physically and mentally which indirectly helps to improve their learning skills.
5. Establishing MOU's with industry and academia so as to conduct certification programmes which helps students to bridge the gap between the industry requirements and the concepts they obtained as a part of the core curriculum.
6. Conducting Social Week activities to inculcate sense of social responsibility in students.
7. Organizing industrial visits for students to help them gain practical experience.
8. Conducting co-curricular activities like Mind - Mapping presentations, research project presentations, etc. to build competitive and organizational skills in the students.
9. Conducting remedial lectures for slow learners so as to improve their learning skills.
10. Encouraging students to participate in conferences, seminars and workshops which in turn helps them to acquire paper/poster preparation and presentation skills, communication skills and event management skills.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member:

1. 11 (BBA BOS on SY BBA (NEP) Syllabus Designing for AY 2023-2024)

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Prof. Lawly Das	BOS Chairperson	09/03/2024
2	Prof. Jasmeet Patil	BOS Member	
3	Prof. Snehal Mirajkar	BOS Member	
4	Prof. Urmila Karale	BOS Member	
5	Prof. (Dr.) Ujwala Sarda Soni	BOS Member	
6	Prof. (Dr.) Ashish Gade	BOS Member	
7	Prof. Padma Kandarkar	BOS Member	
8	Prof. Prakash Jawahire	BOS Member	
9	Prof. Vidhyasagar Bansode	BOS Member	
10	Prof. Shamla Bhasme	BOS Member	
11	Prof. Meena Gawande	BOS Member	

2. 09 (BBA BOS on NEP 2024 Syllabus Framework Restructuring for AY 2024-2025)

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Prof.Lawly Das	BOS Chairperson	14/05/2024
2	Prof.JasmeetPatil	BOS Member	
3	Prof.SnehalMirajkar	BOS Member	
4	Prof. (Dr.) UjwalaSardaSoni	BOS Member	
5	Prof. (Dr.) Ashish Gade	BOS Member	
6	Prof. Padma Kandarkar	BOS Member	
7	Prof. Prakash Jawahire	BOS Member	
8	Prof.VidhyasagarBansode	BOS Member	
9	Prof.RanjanaManungade	BOS Member	

2.10 Average percentage of attendance of students:

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes: By **75%** conducting regular meetings and seeking student feedback after every semester.

2.13 Initiatives undertaken towards faculty development by the department:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Nil
UGC – Faculty Improvement Programme	Nil
HRD programmes	Nil
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	01 Faculty Knowledge Sharing Program organised by ICAFI Business School (IBS), Pune
	35 FDP on Publication Ethics & Plagiarism by Research Cell Committee of BA Campus in collaboration with IBS, Pune
Summer / Winter schools, Workshops, etc.	Nil
Others	35 FDP on Publication Ethics: Roles & Responsibilities of Authors by Research Cell Committee of BA Campus
	02 FDP on Research Projects Under Unnat Maharashtra Abhiyan by IIT Bombay in collaboration with Modern College of Arts, Science & Commerce (Autonomous), Shivajingar, Pune - 05

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	01	Nil	Nil	Nil
Technical Staff	01	Nil	Nil	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1.3 Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year: **Nil**

3.2.3 Number of teachers recognised as research guides: **Nil**

3.3.1 Incentive to the teachers who receive recognition/awards: Nil

3.3.2 PhDs awarded during the year: Nil

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution:

1.FDP by Research Cell Committee on the topic: Publication Ethics & Plagiarism on 3rd November 2023.

This session was organized by the Research Cell of BA Campus in collaboration with IBS, Pune at their Hadapsar, Pune campus for the faculties with an intention to increase education and awareness of ethical issues pertaining to research publications.

The speaker Prof. (Dr.) AnupamaTadamarla (Dean – Examinations, IBS, Pune) stated on how the allegations of plagiarism should be taken seriously and investigated thoroughly with the help of systematic reviews and special software were also discussed during the session.

Institutions and professional associations should take cognizance of the act of plagiarism and initiate appropriate action. This guidance was quite helpful for writing research articles.

2.FDP by Research Cell Committee on the topic: Publication Ethics: Roles & Responsibilities of Authorson 18th March 2024.

This session was organized by the Research Cell of B.A. Campus for the faculties with an intention to make them aware of good publication practices. While refraining from scientific misconduct or research frauds, authors should adhere to Good Publication Practices. Publications which draw conclusions from manipulated or fabricated data could prove detrimental to society and overall research.

The speaker Prof. (Dr.) Bharat Vhankate (Head, PhD Research Center& Professor, MES Garware College of Commerce)provided necessary inputs on publication norms, researcher's ethical code and issues in research ethics.

The session provided knowledge of how ethical standards for publication should exist to ensure high-quality publications, public trust in research findings, and that people receive credit for their work and ideas. This guidance was quite helpful for preparation of research proposal and for writing research articles.

3.2 Details regarding major projects: **Nil**

3.3 Details regarding minor projects: **Nil**

3.4 Details on research publications in current academic year: **Nil**

** Please provide the information in following format as annexure*

3.3.3 Research Publications in the Journals notified on UGC website during the year: **Nil**

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index: **Nil**

3.3.6 h-index of the Institutional Publications during the year (based on Scopus/ Web of science):**Nil**

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations: **Nil**

3.7 No. of books published: **Nil**

i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

** Please provide the list of books authored by staff members in the format given below as annexure*

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year: **Nil**

3.10 Consultancy provided by the Department: **Nil**

** Please provide the scan copies of the communication letters, consultancy letters as annexure*

3.11 No. of conferences organized by the Department: **Nil**

3.12 Details faculty served as experts, chairpersons or resource persons: **Nil**

** Please provide the scan copies of the invitation letters and participation letters/ Certificates as annexure*

3.13 Details of collaborations: **Nil**

3.14 Details of linkages created during this year: **Nil**

** Please provide the scan copies of the related letters as annexure*

3.16 No. of patents received this year: **Nil**

3.17 No. of research awards / recognitions received by faculty and research fellows of the staff members in the year: **Nil**

** Please provide the scan copies of the certificates as annexure*

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them: **Nil**

** Please provide the scan copies of the guide ship letters as annexure*

3.19 Details of Ph.D. students registered in research centers: **Nil**

3.20 Details of Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other): **Nil**

** Please provide the scan copies of letters received as annexure*

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year:				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	----	----	----	01 Faculty Knowledge Sharing Program organised by ICFAI Business School (IBS), Pune 35 FDP on Publication Ethics & Plagiarism by Research Cell Committee of BA Campus in collaboration with IBS, Pune 35 FDP on Publication Ethics: Roles & Responsibilities of Authors by Research Cell Committee of BA Campus 02 FDP on Research Projects Under Unnat Maharashtra Abhiyan by IIT Bombay in collaboration with Modern College of Arts, Science & Commerce (Autonomous), Shivajingar, Pune - 05
Presented papers	----	----	----	----
Resource Persons	----	----	----	----

3.5 Collaborations			
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the Year: Nil			
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year: Nil			
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year:			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Makeintern and IIM Calcutta	28th June 2023	Workshop on Professional Grooming for BBA, B.Com, BBA (IB) students	48 students
Makeintern and IIM Calcutta	28th June 2023	Participated in B-Plan Championship at IIM Bangalore	4 students
Opportune Technologies Pvt. Ltd.	23rd August 2023	Hands-on-Training on Innovative HR Practices for FY BBA (HRM)	67 students
WNS Care Foundation	14th September 2023	MakemyCareer program for TY BBA, TY BBA IB, TYBBA CA and TY B.Com (Career Readiness Online certification program on Softskills, Interview skills, Presentation skills, etc.)	93 students

3.6.1 Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year:

Social Week 2023-24

Social Week was held between 10th January 2024 – 13th January 2024 in the Business Administration Campus. In the inauguration ceremony Adv. Pratap Pardeshi was present as the chief guest & as a resource person. Following social issues were covered by renowned speakers in different fields:

- 1) Obey the Law & Be a Loyal Citizen
- 2) Yoga: A Pathway to Mental Peace
- 3) Social Media & its Effect on Youth
- 4) Choose Life without Addiction
- 5) Ideal Lifestyle for a Healthy Nation

Adv. Pratap Pardeshi delivered speech on rules & regulations. Many of the students do not follow law because they don't know about the Indian constitution & laws. From this session students learnt many things and this will benefit them in their career.

On the second day of Social Week, we invited Dr. Vaishali Lodha as a resource person. She delivered thoughts on yoga & meditation and its importance in daily life. She also demonstrated practical activity on Yoga.

On the third day of Social Week, we invited Smt. Ashwini Tambe as a resource person. She delivered thoughts on Choose Life without Addiction. Today's youth is addicted to various addictions like smoking, alcohol, drugs, social media, etc.

On the fourth day of Social Week, we invited Dr. Rajendra Mane as a resource person. He delivered thoughts on Ideal Lifestyle for a Healthy Nation. Today's human life is stressful and busy. He advised on lifestyle, junk food, exercise and human health.

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level):

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	01	01	155 mbps	01	01	01	01	155 mbps	----
Added	----	----	----	----	----	----	----	----	----
Total	01	01	155 mbps	01	01	01	01	155 mbps	----

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services:

1. Arranged an Industrial Visit to Barclays, Kharadi (**Life Skills Mentoring Program**) for TY female students under women empowerment program of Barclays-IAHV life skills project.
2. Organised **Professional Grooming** workshop in collaboration with E-Cell, IIM Calcutta and Make Intern to provide a comprehensive overview of essential skills and knowledge required for success in the business world.

3. Organised Field Visit to **Cotton King (Baramati)&Nandan Dairy (Baramati)**for TY BBA students.
4. Arranged Career Readiness Training of WNS's Care Foundation's **Makemycareer Program**for TY studentsto improve their employability skills & make them job ready in the market.
5. Conducted Field Visit to **Mapro (Wai) &RadheshyamFoods(Khedshivapur)**for TY BBA students.
6. Organised IBS Certification Program on **Practical Business Development Skills** under the **STUDENT DEVELOPMENT PROGRAMME** flagship for TY BBA students.
7. Conducted Visit at **District and Sessions Court, Shivajinagar, Pune**for SY BBA students to know about the practical knowledge on civil cases proceedings.
8. Organised Field Visit to **Indradhanu - Promoting Art and Entrepreneurship** at Symbiosis College of Arts and Commerce organised by the Centre for Innovation and Entrepreneurship, Symbiosisfor TY BBA students to acquire a practical understanding of the subject Event Management.
9. Organised Orientation Program of WNS Care Foundation's **Y_Brant Fellowship Program for Leaders of Tomorrow**for TY students to provide them with practical hands-on skills and the students were required to undertake a Cyber Smart project with an objective to educate and empower children, youth, teachers, and parents on safely navigating the internet and digital platforms.
10. Organised **Entrepreneurship Development Camp** for all students and the objective of the camp was to create awareness among students about entrepreneurship as a career choice and inform them about business opportunities.
11. Conducted Industrial Visit of BNY Mellon Premise Magarpatta (**Employee Engagement Program of BNY Mellon-IAHV Life Skills Project**) for TY female students to acquaint them on financial literacy.

5.2 Efforts made by the Department for tracking the progression:

Examination and Evaluation of the TY BBA Projects and Viva-Voce Exams were conducted and students were asked to prepare and submit their project reports.

5.3 (a) Total Number of students

UG	PG	Ph.D.	Others
644	----	----	----

(b) No. of students outside the state

08

** Please provide the list of students, Gender, class, category as annexure*

(c) No. of international students

** Please provide the list of students, Gender, class, category as annexure*

No.	%		No.	%	
393	61%	Men	251	39%	Women

5.2.1 Number of outgoing students who got placement during the year:

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
PranitDhorkule (9373737580)	BBA (HRM)	Meine Kuche India Pvt.Ltd. Contact no.: 90110 10111	2 LPA
Anushka Mane (7666293252)	BBA (HRM)	Reaholic Mediators Contact no.: 8530171188	3.38 - 3.6 LPA
TejasSomanthJadhav (9325457296)	BBA (Finance)	Umbrella Tree Contact no. 9424519566	2.6LPA

Komal Singh (8459134943)	BBA (Finance)	Umbrella Tree Contact no. 9424519566	2.6LPA
AshwiniGangarde(8999254136)	BBA (HRM)	Umbrella Tree Contact no. 9424519566	2.6LPA
UjalaYadav(9604617938)	BBA (Finnace)	No Broker Contact No. 9241700000	5.8 LPA
PrachitiDeshpande (9922619065)	BBA (HRM)	Finsmart Accounting Pvt.Ltd. Contact no.: 77981 86237	1.2 LPA
HarshadaKokate(7264945446)	BBA (HRM)	Finsmart Accounting Pvt.Ltd. Contact no.: 77981 86237	1.2 LPA
Anjali Shirsat(7249561124)	BBA (HRM)	Finsmart Accounting Pvt.Ltd. Contact no.: 77981 86237	1.2 LPA

On Campus

Off Campus

Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
38	60	-----	09

5.2.3 Number of students qualifying in state/ national/ international level examinations during the year (data template): **Nil**

5.2.3.1 Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations) during the year: **Nil**

5.2.3.2 Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/Civil Services/State government examinations) during the year: **Nil**

** Please provide the scan copies certificates as annexure*

5.6 Details of student counselling and career guidance:

1. An Industrial Visit to Barclays, Kharadi(**Life Skills Mentoring Program**) was conducted for the TY female students. This activity had been mainly organized for female students under women empowerment program of Barclays-IAHV life skills project. Students were individually guided by Barclay's employees on soft skills, resume writing and career related questions.
2. A 3 days' workshop on **Professional Grooming** in collaboration with E-Cell, IIM Calcutta and Make Intern was conducted for the students. This session provided a comprehensive overview of essential skills and knowledge required for success in the business world. Participants learned about the significance of professional grooming, including dress codes and personal branding. The course also covered topics such as dining etiquette, personal image, workplace professionalism, and interview skills through hands-on activities and mock interviews.
3. The **Career Readiness Training** for the TY students under the WNS Care Foundation's MakemyCareer program was organised. WNS Care Foundation is the CSR wing of WNS. The duration of the training program was for twenty days and it was in online mode by using Zoom platform. The training was based on CV building skills, communication etiquettes, business writing skills, presentation skills, interview skills and group discussion, etc. The objective of this training program was to help students to improve their employability skills & make them job ready in the market. It was a free of cost certification course for the final year students.
4. Two day's certification programme on **Practical Business Development Skills** for TY BBA students in association with the IBS, Pune under the STUDENT DEVELOPMENT PROGRAMME flagship was organised. The resource persons shared their views on the Practical Skills for Business for BBA (HR, Marketing & Finance) & covered the following salient points:

- Experience in new age business
 - Entry level problems faced in corporate & entrepreneurship
 - How to deal with problems in a systematic way
 - Necessity for a green initiative and digitalised or AI based functioning in new start-ups
 - Newer and modern approach to corporate world & entrepreneurship
5. SY BBA students participated in the **District and Sessions Court Visit at Shivajinagar, Pune** to know about the practical knowledge on civil cases proceedings. This visit was conducted with reference to their Business Law subject. The students were attentively involved to hear proceedings on Indian Contract Act, 1872. The objective of this visit was to help students to be aware of the basic code of conduct in Court and how the cases were listed on daily board in court rooms for trial and proceedings and develop interest in Law as their future career choice.
 6. A session on **Research Methodology and Business Analytics** was organised for the SY BBA and TY BBA students. The resource person not only helped the students to know about internships but also made them aware of the expectations of the company from job seekers in the field of Data Analytics. The session was quite interesting and interactive focused on providing the knowledge about the booming field of data analytics. The session helped the students clear their doubts about how they can enter into the field of research. This session was organized taking into consideration the basic need of enlightening the student with the importance and career opportunities in the field of research and data analytics.
 7. A guest lecture on **Future in Company Secretary** for the SY and TY students under the flagship of the **Competitive Exam Cell** was organised. The resource person highlighted insights on the future career opportunities in Company Secretary (CS) and tips on how to prepare for the CS exam and discussed about exam pattern of CS exam, subjects in CS Exam and also about the internship opportunities in the organisation.
 8. A session for the TY students exploring the **Career Scope in Business Process Management** was conducted by TMI in association with Bajaj Finserv and Nasscom foundation and highlighted the career scope and opportunities available to the students in the field of Business Process.
 9. WNS Care Foundation's **Y Brant Fellowship Program for Leaders of Tomorrow** was arranged for the TY students. The objective of the fellowship program was to create responsible decision makers in the country for Leaders of Tomorrow. During the sessions, students interacted with experts and industry leaders. Topics covered during the session was start-up and innovation, responsible business for better world, etc.
 10. The **Entrepreneurship Awareness Camp** was organised in collaboration with Maharashtra Centre for Entrepreneurship Development. Maharashtra Centre for Entrepreneurship Development is an autonomous society working under the Directorate of Industries, Government of Maharashtra. It is an ISO 9001:2008 certified organization. MCED has been a pioneer in espousing social & economic entrepreneurship since 1988. The objective of the workshop was to create awareness among the students about entrepreneurship as a career choice and inform them about business opportunities.
 11. An Industrial visit to **BNY Mellon Premise at Magarpatta** was arranged for the TY female students under the **Employee Engagement Program of the BNY Mellon-IAHV Life Skills Project**. Employees of BNY Mellon conducted a workshop on financial literacy at the BNY Mellon premises where they shared information related to saving, managing money, and investment and also BNY employees conducted a quiz for the students based on financial literacy. BNY Mellon – IAHV life skills project is a part of CSR project of BNY Mellon. IAHV is its authorized training partner through which training programs are conducted for the youth under BNY Mellon – IAHV life skills project.
- 5.1.3 The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities:
17. Soft Skills
 18. Language and Communication Skills
 19. Life Skills (Yoga, Physical fitness, Health and Hygiene)
 20. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
Industrial Visit to Barclays, Kharadi (Life Skills Mentoring Program)	19th July 2023	45	Employees of Barclays
Overseas Higher Education Opportunities	21st July 2023	30	Mr.Reedim Kapoor (Trainer in Canam Study Abroad)
Emerging Trends in Banking Economics in India	28th July 2023	54	Mr.VinitDhiwar, Research Scholar, SPPU, Pune
Professional Grooming	31st July 2023 - 3rd August 2023	45	Mr.RazaqRaza, Freelancer
Capital Market Awareness	11th August 2023	75	Mr.ArvindSawant, Branch Manager, Lotus Knowlwealth
Showing Exemplary Behaviour in Internship	25th August 2023	110	Dr.Shraddha Gupta (Faculty member in IBS, Pune)
Career Readiness Training of WNS's Care Foundation's Makemycareer Program	14th September 2023 - 9th October 2023	110	Ms. Cheryl Decosta (Sr. Group Manager CSR in WNS) Mr.Ayush Kumar (Experienced Trainer and Employee of WNS)
IBS Certification Program on Practical Business Development Skills	16th October 2023 - 17th October 2023	150	Dr.Saumya Mishra (Associate Dean - Student Development & Clubs Association, IBS Pune) Prof. R. Venkat Reddy (Faculty Member, IBS Pune)
Visit at District and Sessions Court, Shivajinagar, Pune	18th October 2023 - 23rd October 2023	64	-----
Research Methodology and Business Analytics	21st October 2023	40	Ms.Madhuri Singh, Business Analyst, Bizkonnnect Solutions Pvt. Ltd., Pune
Future in Company Secretary	25th October 2023	60	Mr.SagarKhandelwal, Company Secretary at S.R. Khandelwal and Associates
Career Scope in Business Process Management by TMI	5th January 2024	60	Mr.PankajAdvani (Trainer at TMI)
Field Visit to Indradhanu - Promoting Art and Entrepreneurship at Symbiosis College of Arts and Commerce	10th January 2024	74	Centre for Innovation and Entrepreneurship, Symbiosis College of Arts and Commerce
A Study on Work Life Experiences and Job Opportunities in Japan	12th January 2024	50	Mr.NachiketMarkale (Consultant in Tokyo, Japan)
Orientation Program of WNS Care Foundation's Y_Brant Fellowship Program for Leaders of Tomorrow	24th January 2024	53	Ms.Sherin Ali (CSR Head & Senior Group Manager of WNS Global Services Ltd.)
Professional Pattern of Business	25th	70	Mr. Manish Roushan

Communication	January 2024		(Founder and CEO of Roushan Research International)
Indian Capital Market	12th February 2024	70	Prof.Anupam More, Indira College of Commerce and Science, Pune
Upskilling and Reskilling – The Future of Work Places	13th February 2024	40	Mr.Shubhojit Bhattacharya
Entrepreneurship Development Camp 2023-2024	13th February - 15th February 2024	100	Organised by MCED
Industrial Visit of BNY Mellon Premise Magarpatta (Employee Engagement Program of BNY Mellon)	3rd April 2024	45	Employees of BNY Mellon

5.1.4 Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template):

Name of the Activity conducted by the HEI to offer guidance/coaching for competitive examinations during the year		Name of the Activity conducted by the HEI to offer guidance / coaching for career counselling during the year	Number of students placed through campus placement		Link to the relevant document (s)
Name of the Activity	Number of students who attended / participated	Details of career counselling	Number of students who attended / participated		
Future in Company Secretary	60	Industrial Visit to Barclays, Kharadi (Life Skills Mentoring Program)	45	09	
		Professional Grooming	45		
		Career Readiness Training of WNS's Care Foundation's Makemycareer Program	110		
		IBS Certification Program on Practical Business Development Skills	150		
		Research Methodology and Business Analytics	40		
		Career Scope in Business Process Management by TMI	60		
		Orientation Program of WNS Care Foundation's Y_Brant Fellowship Program for Leaders of Tomorrow	53		
		Entrepreneurship Development Camp 2023-2024	100		
		Industrial Visit of BNY Mellon Premise Magarpatta (Employee Engagement Program of BNY Mellon)	45		

5.11 Student organised/initiatives: **Nil**

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./National/ State/Univ./ Other)	Details
1	Aarohan - Exploring Limitless Talent	Annual College Fest	College	Aarohan - Exploring Limitless Talent, the cultural festival of the college was organized by and for the BBA, BBA (CA), BBA (IB), B.Com, M.Com, M.Com (E-Commerce) students. This year Aarohan was a 5 days (27th February - 2nd March 2024) cultural festival where a platform was provided to the students to showcase their cultural, managerial and sports skills.
2	TY BBA Farewell	Farewell Function	College	The students of FY BBA and SY BBA organized farewell function for the passing-out TY BBA batch of 2023-24. The students organized this function in the Late LataMangeshkar Hall. A series of dance and singing performances were held along with games for the TY batch. Students also organized a "MR. and MISS farewell" competition. The arrangements were managed by the enthusiastic students of FY BBA and SY BBA.

* *Please provide the scan copies related letters as annexure*

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year: Nil					
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non-teaching staff during the year:					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2023	FDP on Publication Ethics & Plagiarism by Research Cell Committee in collaboration with IBS, Pune	-----	3rd November 2023	35	-----
2024	FDP on Publication Ethics: Roles & Responsibilities of Authors by Research Cell Committee	-----	18th March 2024	35	-----

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year:		
Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Faculty Knowledge Sharing Program organised by ICFAI Business School (IBS), Pune	01	2nd August 2023 (One Day)
FDP on Publication Ethics & Plagiarism by Research Cell Committee of BA Campus in collaboration with IBS, Pune	35	3rd November 2023 (One Day)
FDP on Publication Ethics: Roles & Responsibilities of Authors by Research Cell Committee of BA Campus	35	18th March 2024 (One Day)
FDP on Research Projects Under Unnat Maharashtra Abhiyan by IIT Bombay in collaboration with Modern College of Arts, Science & Commerce (Autonomous), Shivajingar, Pune - 05	02	25th April 2024 (One Day)

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development: The BBA Dept. has included the following elements while framing the syllabus Viz. Experiential Learning, Field Work, Tutorials and Continuous Evaluation. Industry experts have been invited in the BOS for SY BBA (NEP) Syllabus Designing and BBA NEP 2024 Syllabus Framework Restructuring.

6.3.2 Teaching and Learning: The teaching learning comprised of revision lectures, remedial classes, solving previous year's question papers, conducting industrial visits, Labour Court Visits, organising Entrepreneurship Development Camp and Certification Courses.

6.3.3 Examination and Evaluation: The CIE and the ESE Examination and Evaluation were effectively carried out with the preparation of the Examination Calendar, formation of Squad Committee during the ESE and online result declaration.

6.3.4 Research and Development: Faculty members have actively participated in research related FDP's and 05 faculties are pursuing their PhD.

6.3.5 Library, ICT and physical infrastructure / instrumentation: N-List id's have been created for faculties. Additional facilities for students and staff are: gym with state of the art facilities, canteen, computer laboratory and reading room for staff.

6.3.6 Human Resource Management: As per teaching workload, faculties were appointed according to the requirements of the department. The Dept. has qualified, experienced and trained teaching and non-teaching staff.

6.3.7 Faculty and Staff recruitment: As per the Dept.'s available workload.

6.3.8 Industry Interaction / Collaboration: MoU's have been signed with the academic and industry agencies and they have arranged certification courses and guest lectures for the students.

6.3.9 Admission of Student: On merit basis and as per Govt. guidelines.

6.11 Activities and support from the Alumni Association: The Alumni Committee of the college organized an Alumni Meet on 4th November 2023 for the passed-out students of BBA, BBA (CA), BBA (IB) and B.Com. The event was organized to create and strengthen the bond between the current batch of students and the college alumni. The passed-out students who attended the meet filled the necessary documents to become registered alumni of the college. The current students organized dance and singing performances to entertain the alumni. The session was followed by the introduction of the alumni participants. Some of the alumni shared their experiences and enjoyed the nostalgia. The meeting concluded with refreshments for all the participants and the distribution of certificates.

6.12 Activities and support from the Parent – Teacher Association: **Nil**

6.13 Development programmes for support staff: Support staff were trained in online admission process and examination process. Online filling up of scholarship forms were also done by the support staff with prior training. New Software Vridhhi ERP training was also provided to them.

6.14 Initiatives taken by the institution to make the campus eco-friendly: **Nil**

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department:

1. Students have been trained on soft skills by the Barclay's Bank as a part of their CSR activity, WNS Care foundation's Make my Career Program and BNY Mellon in order to improve their interview skills and resume writing to enhance their employability skills.
2. Students have been trained on **Professional Grooming** by experts from E-Cell, IIM Calcutta and Make Intern.
3. Organised District and Sessions Court visit to enable students learn Business Law with more interest.
4. Conducted certification programmes under the **STUDENT DEVELOPMENT PROGRAMME**.
5. Organised field visit to Indradhanu event at Symbiosis College of Arts and Commerce to promote Art and Entrepreneurship amongst students.
6. Celebrated **Social Week** to inculcate social values amongst students.
7. Organized WNS Care Foundation's **Y Brant Fellowship Certification Program** for Leaders of Tomorrow. The objective of the fellowship program was to create responsible decision makers in the country.
8. Organised **Entrepreneurship Development Camp** to create awareness among the students about entrepreneurship as a career choice and inform them about business opportunities.
9. Celebrated the annual college fest **Aarohan - Exploring Limitless Talent** to provide a platform to the students to showcase their cultural, managerial and sports skills.
10. Department is promoting the use of technology and is well equipped with ICT Facility (Laptop, Projectors, Wi-Fi).

7.4 Contribution to environmental awareness / protection:

EVS subject has been introduced for professional Commerce courses.

7.6 SWOC Analysis of the Department:

STRENGTH

- Qualified, experienced and dynamic faculties.
- Good & supportive administration system.
- Maximum curricular & co-curricular activities.
- Regular conduct of skill improvement programmes.
- Good placement cell.
- Good infrastructure.
- ICT enabled classrooms.
- Well-equipped library and gym.
- Regular conduct and participation in FDP.
- Entrepreneurship development activities.
- Introducing various certification programmes.

WEAKNESS

- Research Activities amongst students & faculties.
- Involvement of Alumni.

OPPORTUNITIES

- Department has the capability of undertaking Minor/Major/Government funded research projects.

CHALLENGES

- Building Student-Teacher rapport especially with the International students.
- Students from vernacular background and International students face difficulties in understanding the subjects due to non – proficiency in English language.

8. Plans of Department for next year

- To associate with more experts from industrial and commercial sectors to enhance the employability of the students.
- To provide maximum lab hours for enhancing practical knowledge-base of students.
- Developing employability skills amongst students by introducing more Skill Improvement Programmes.
- Efforts to be maximised for Industry-Academia collaboration.
- Creating an engaged, strong & supportive Alumni.
- Academic Visits to renowned institutions of the country for observing their best practices.

Name 1: Prof. Lawly Das

Name: Dr. M. D. Alandikar

Name 2: Prof. Jasmeet Patil

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Activity - 1

Title of the Event: Industrial Visit to Barclays, Kharadi (Life Skills Mentoring Program)

Date: 19th July 2023

Name of Speakers: Employees of Barclays

Class: TYBBA and TYBBA (CA) (Female Students)

Number of Participants: 45

Mode of Event: Offline

Description:

BBA department of Modern College of Arts, Science and Commerce (Business Administration Campus), Shivajinagar Pune-5, had arranged an Industrial visit to **Barclays Premise at Kharadi** for the final year female students.

Around 45 female students of TY BBA and TY BBA (CA) had participated in an employee engagement program at Barclays premises located in Kharadi.

This activity had been mainly organized for female students under the women empowerment program of Barclays-IAHV life skills project. Students were individually guided by Barclays employees on soft skills, resume writing, and career related questions. The session was very interactive, it was a nice experience for the students to interact with the corporate people. Around 56 employees of the Barclays participated in the Life Skills Mentoring Programme of Barclays.

Barclays – IAHV Life Skills Project is a part of the CSR project of Barclays Bank. IAHV is its authorized training partner through which training programs are conducted for the youth under Barclays – IAHV life skills project.

Activity - 2

Title of the Event: Overseas Higher Education Opportunities

Date: 21st July 2023

Name of Speaker: Mr. Reedim Kapoor (Trainer in Canam Study Abroad)

Class: TY BBA

Number of Participants: 30

Mode of Event: Offline

Description:

This session was planned for TY BBA students to discover opportunities for higher education overseas. The guest speaker explained the options available for studying in Canada, Australia, USA, UK and elsewhere. They also assisted students in understanding the admission process for universities and the top colleges abroad.

Activity - 3

Title of the Event: Emerging Trends in Banking Economics in India

Date: 28th July 2023

Name of Speaker: Mr. Vinit Dhiwar, Research Scholar, SPPU, Pune

Class: SY BBA

Number of Participants: 54

Mode of Event: Offline

Description:

SY BBA students participated in this guest lecture to know about the relationships between the Indian Banking System and Indian economy and its impact. The speaker mainly focussed on the current Indian Banking System and how it affected the Indian Economy.

Activity - 4

Title of the Event: Professional Grooming

Date: 31st July 2023 - 3rd August 2023

Name of Speakers: Mr. Razaq Raza

Class: BBA, BBA (CA), BBA IB), B.Com, M.Com

Number of Participants: 45

Mode of Event: Offline

Description:

Modern College of Arts, Science and Commerce (Business Administration Campus), Shivajinagar Pune-5 had organised a 3 days' workshop on Professional Grooming in collaboration with E-Cell, IIM Calcutta and Make Intern.

The keynote speaker for the workshop was Mr. Raza who is a freelancer in the industry. This session on professional grooming for the students provided a comprehensive overview of essential skills and knowledge required for success in the business world. Participants learned about the significance of professional grooming, including dress codes and personal branding. The course also covered topics such as dining etiquette, personal image, workplace professionalism, and interview skills through hands-on activities and mock interviews.

Activity - 5

Title of the Event: Capital Market Awareness

Date: 11th August 2023

Name of Speaker: Mr. Arvind Sawant, Branch Manager, Lotus Knowlwealth

Class: SY BBA and TY BBA

Number of Participants: 75

Mode of Event: Offline

Description:

This session was planned for SY BBA and TY BBA students to create awareness about the capital market. In this session the speaker explained the nature of the share market and how to transact in the share market. He also explained about savings and how savings are converted into investments and how to increase wealth and financial planning.

Activity - 6

Title of the Event: Showing Exemplary Behaviour in Internship

Date: 25th August 2023

Name of Speaker: Dr. Shraddha Gupta (Faculty member in IBS, Pune)

Class: FY BBA (HRM), SY BBA and TY BBA

Number of Participants: 110

Mode of Event: Offline

Description:

The Department of BBA organized a guest lecture on displaying exemplary behaviour during internships. The guest speaker, Dr. Shraddha Gupta, shared valuable information related to internships, helping the students understand all aspects and the expectations companies have from the interns.

Activity - 7

Title of the Event: Field Visit to Cotton King (Baramati)

Date: 1st September 2023

Class: TY BBA

Number of Attendees: 205

Description:

TY BBA students were taken for their first Industrial Visit to Cotton King (Baramati) as a part of their subject on Field Visit in their academic curriculum. The objective of this visit was to acquaint the students with practical knowledge of the production process, marketing of product and costing of product. Students gained knowledge about the various aspects of the industry such as financial aspect, marketing aspect and the HR aspect.

Activity - 8

Title of the Event: Field Visit to Nandan Dairy (Baramati)

Date: 1st September 2023

Class: TY BBA

Number of Attendees: 205

Description:

TY BBA students were taken for their second Industrial Visit to Nandan Dairy (Baramati) as a part of their subject on Field Visit in their academic curriculum. The objective of this visit was to acquaint the students with practical knowledge of the production process, marketing of product and costing of dairy products such as lassi, milk, etc. Students gained knowledge about the various aspects of the dairy industry such as the financial aspect, marketing aspect and the HR aspect.

Activity - 9

Title of the Event: Career Readiness Training of WNS's Care Foundation's Makemycareer Program

Duration of Training Program: 14th September 2023 - 9th October 2023

Name of Speakers: Ms. Cheryl Decosta (Sr. Group Manager CSR in WNS)

Mr. Ayush Kumar (Experienced Trainer and Employee of WNS)

Class: TY BBA, TY BBA (IB), TY BBA (CA) and TY B.Com

Number of Participants: 110

Mode of Event: Online

Description:

BBA department had arranged the Career Readiness Training for the final year students of all courses which was under the WNS Care Foundation's MakemyCareer program.

WNS Care Foundation is the CSR wing of WNS. The duration of the training program was for twenty days and it was in online mode by using the Zoom platform. The training was based on CV building skills, communication etiquettes, business writing skills, presentation skills, interview skills and group discussion, etc.

The objective of this training program was to help students to improve their employability skills & make them job ready in the market. It was a free of cost certification course for the final year students.

Activity – 10

Title of the Event: Field Visit to Mapro (Wai)

Date: 4th October 2023

Class: TY BBA

Number of Attendees: 205

Description:

TY BBA students were taken for their third Industrial Visit to Mapro (Wai) as a part of their subject on Field Visit in their academic curriculum. The objective of this visit was to acquaint the students with practical knowledge of the production process, marketing of product and costing of various food products such as Mapro Falero Chocolate, Syrups etc. Students gained knowledge about the various aspects of the industry such as financial aspect, marketing aspect and the HR aspect.

Activity – 11

Title of the Event: Field Visit to Radheshyam Foods (Khed Shivapur)

Date: 4th October 2023

Class: TY BBA

Number of Attendees: 205

Description:

TYBBA students were taken for their third Industrial Visit to Mapro (Wai) as a part of their subject on Field Visit in their academic curriculum. The objective of this visit was to acquaint the students with practical knowledge of the production process, marketing of product and costing of various food products such as Poha, Chivada, Namkeen, etc.

Students gained knowledge about the various aspects of the industry such as financial aspect, marketing aspect and the HR aspect.

Activity – 12

Title of the Event: IBS Certification Program on Practical Business Development Skills

Duration of Training Program: 16th October 2023 - 17th October 2023

Name of Speakers:

Day 1: Dr. Saumya Mishra (Associate Dean - Student Development & Clubs Association, IBS Pune)

Day 2: Prof. R. Venkat Reddy (Faculty Member, IBS Pune)

Class: TY BBA

Number of Participants: 150

Mode of Event: Offline

Description:

BBA department of Modern College of Arts, Science and Commerce (Business Administration Campus), Shivajinagar Pune-5 had successfully completed two day's certification programme for TY BBA students in association with the IBS, Pune under the **STUDENT DEVELOPMENT PROGRAMME** flagship.

The topic was on Practical Business Development Skills & the session speakers of Day 1, Dr. Saumya Mishra (Associate Dean - Student Development & Clubs Association, IBS Pune) & of Day 2, Prof. R. Venkat Reddy (Faculty Member, IBS Pune) shared their views on the Practical Skills for Business for BBA (HR, Marketing & Finance) & covered the following salient points:

1. Experience in new age business
2. Entry level problems faced in corporate & entrepreneurship
3. How to deal with problems in a systematic way

4. Necessity for a green initiative and digitalised or AI based functioning in new startups
5. Newer and modern approach to corporate world & entrepreneurship

150 students had registered and attended the two day's session with immense sincerity. The IBS team had applauded the exceptional qualities displayed by the Modern College BBA students & commended our student's active and enthusiastic participation during the certification programme & rewarded them with a special commendation letter. This was a happy and proud moment for our department.

Activity - 13

Title of the Event: Visit at District and Sessions Court, Shivajinagar, Pune

Date: 18th October 2023 - 23rd October 2023

Class: SY BBA

Number of Participants: 64

Mode of Event: Off line

Description:

SY BBA students participated in the District and Sessions Court Visit at Shivajinagar, Pune to know about the practical knowledge on civil cases proceedings. This visit was conducted for SY BBA students for practical proceedings with reference to their Business Law subject. The students were attentively involved to hear proceedings on Indian Contract Act, 1872. The objective of this visit was to help students to be aware of the basic code of conduct in Court and how the cases were listed on a daily board in court rooms for trial and proceedings.

Activity - 14

Title of the Event: Research Methodology and Business Analytics

Date: 21st October 2023

Name of Speaker: Ms. Madhuri Singh, Business Analyst, Bizkonnnect Solutions Pvt. Ltd., Pune

Class: SY BBA & TY BBA

Number of Attendees: 40

Mode of Event: Offline

Description:

Ms. Madhuri Singh is a passed-out BBA student of Modern College (BA Campus) who not only helped the students to know about internships but also made them aware of the expectations of the company from job seekers in the field of Data Analytics. The session was quite interesting and interactive focused on providing knowledge about the booming field of data analytics. The session helped the students clear their doubts about how they can enter into the field of research.

This session was organized by BBA dept. taking into consideration the basic need of enlightening the student with the importance and career opportunities in the field of research and data analytics.

Activity - 15

Title of the Event: Future in Company Secretary

Date: 25th October 2023

Name of Speaker: Mr. Sagar Khandelwal, Company Secretary at S.R. Khandelwal and Associates

Class: SY BBA, TY BBA and BBA IB

Number of Participants: 60

Mode of Event: Offline

Description:

The BBA Department had arranged a guest lecture for the students of BBA and BBA IB under the flagship of the Competitive Exam Cell. Guest speaker had highlighted insights on the future career opportunities in Company Secretary (CS) and tips on how to prepare for the CS

exam and discussed about exam pattern of CS exam, subjects in CS Exam and also about the internship opportunities in the organisation. The session was very interactive and it helped the students to gain knowledge about the career of a company secretary.

Activity - 16

Title of the Event: FDP on Publication Ethics & Plagiarism by Research Cell Committee

Date: 3rd November 2023

Name of Speaker: Prof. (Dr.) Anupama Tadamarla (Dean – Examinations, IBS, Pune)

Audience: Commerce, Management, Computer Science Faculties

Number of Participants: 35

Mode of Event: Offline

Description:

This session was organized by the Research Cell of BA Campus in collaboration with IBS, Pune at their Hadapsar, Pune campus for the faculties with an intention to increase education and awareness of ethical issues pertaining to research publications. How the allegations of plagiarism should be taken seriously and investigated thoroughly with the help of systematic reviews and special software were also discussed during the session. Institutions and professional associations should take cognizance of the act of plagiarism and initiate appropriate action. This guidance was quite helpful for writing research articles.

Activity - 17

Title of the Event: Alumni Meet

Date: 4th November 2023

Number of Attendees: 63

Description:

The Alumni Committee of the college organized an Alumni Meet for the passed-out students of BBA, BBA (CA), BBA (IB) and B.Com. The event was organized to create and strengthen the bond between the current batch of students and the college alumni. The passed-out students who attended the meet filled the necessary documents to become registered alumni of the college.

The current students organized dance and singing performances to entertain the alumni. The session was followed by the introduction of the alumni participants. Some of the alumni shared their experiences and enjoyed the nostalgia. The meeting concluded with refreshments for all the participants and the distribution of certificates.

Activity - 18

Title of the Event: Career Scope in Business Process Management by TMI

Date: 5th January 2024

Name of Speaker: Mr. Pankaj Advani (Trainer at TMI)

Class: TY BBA and TY B.Com

Number of Participants: 60

Mode of Event: Offline

Description:

The Departments of BBA and B.Com. collaborated to host a session for the final year students exploring the career scope in Business Process Management (BPM). The session was conducted by TMI in association with Bajaj Finserv and Nasscom foundation and highlighted the career scope and opportunities available to the students in the field of Business Process.

Activity - 19

Title of the Event: Field Visit to Indradhanu - Promoting Art and Entrepreneurship at Symbiosis College of Arts and Commerce

Date: 10th January 2024

Class: TY BBA

Number of Participants: 74

Description:

The department of BBA organised a visit to Symbiosis College of Arts and Commerce to attend the event named Indradhanu - Promoting Art and Entrepreneurship. This event was organised by the Centre for Innovation and Entrepreneurship, Symbiosis.

This field visit was organised as a part of the curriculum for the subject Event Management. The visit allowed the students to explore various events and interact with the organisers to get a clear insight into the event preparations. The students prepared a report on the basis of their learning from the field visit. The report included an analysis of the pre-event, during-event and post-event activities as well as the pros and cons analysis of the event.

This field visit was very enriching for the students as they acquired a practical understanding of the subject and exposure to visiting the Symbiosis campus and interacting with students from other colleges.

Activity - 20

Social Week 2023-24

Date: 10th January 2024 – 13th January 2024

Name of Speakers: Adv. Pratap Pardeshi, Dr. Vaishali Lodha, Smt. Ashwini Tambe, Dr. Rajendra Mane

Class: BBA, BBA (IB), BBA (CA), B. Com (SF)

Number of Attendees: 110

Description:

Social Week was held between 10th January 2024 – 13th January 2024 in the Business Administration Campus. In the inauguration ceremony Adv. Pratap Pardeshi was present as the chief guest & as a resource person. Following social issues were covered by renowned speakers in different fields:

- 1) Obey the Law & Be a Loyal Citizen
- 2) Yoga: A Pathway to Mental Peace
- 3) Social Media & its Effect on Youth
- 4) Choose Life Without Addiction
- 5) Ideal Lifestyle for a Healthy Nation

Adv. Pratap Pardeshi delivered a speech on rules & regulations. Many of the students do not follow law because they don't know about the Indian constitution & laws. From this session students learnt many things and this will benefit them in their career.

On the second day of Social Week, we invited Dr. Vaishali Lodha as a resource person. She delivered thoughts on yoga & meditation and its importance in daily life. She also demonstrated practical activity on Yoga.

On the third day of Social Week, we invited Smt. Ashwini Tambe as a resource person. She delivered thoughts on Choose Life without Addiction. Today's youth is addicted to various addictions like smoking, alcohol, drugs, social media, etc.

On the fourth day of Social Week, we invited Dr. Rajendra Mane as a resource person. She delivered her thoughts on Ideal Lifestyle for a Healthy Nation. Today's human life is stressful and busy. He advised on lifestyle, junk food, exercise and human health.

Activity - 21

Title of the Event: A Study on Work Life Experiences and Job Opportunities in Japan

Date: 12th January 2024

Name of the Speaker: Mr. Nachiket Markale (Consultant in Tokyo, Japan)

Class: SY BBA and TY BBA

Number of Participants: 50

Mode of Event: Offline

Description:

The guest speaker provided valuable insights into the career prospects in Japan. He discussed the various aspects of studying, working, and finding jobs in Japan, focusing on the unique experiences and opportunities available. The session proved to be immensely beneficial for the students, equipping them with valuable knowledge and insights into the study, work-life experiences, and job opportunities awaiting them in Japan.

Activity - 22

Title of the Event: Orientation Program of WNS Care Foundation's Y_Brant Fellowship Program for Leaders of Tomorrow

Date: 24th January 2024

Duration of the Fellowship Program: 12th February 2024 - 12th May 2024

Name of the Speaker: Ms. Sherin Ali (CSR Head & Senior Group Manager of WNS Global Services Ltd.)

Class: TY BBA, TY B. Com.

Number of Participants: 53

Mode of Event: Online + Offline

Description:

The WCF's Y_Brant fellowship program is a 12 Week Fellowship Certification Program. It is a combination of online sessions and practical hands-on skills programme.

The objective of the fellowship program was to create responsible decision makers in the country through the Y_Brant Fellowship Program for Leaders of Tomorrow.

During the online sessions, students interacted with experts and industry leaders.

Topics covered during the session were start-up and innovation, responsible business for a better world, etc.

Orientation of WCF's Y_Brant Fellowship Program

Under the Fellowship program for practical hands-on skills, students are required to undertake a Cyber Smart project. The program's objective is to educate and empower children, youth, teachers, and parents on safely navigating the internet and digital platforms. As part of the Leaders of Tomorrow Fellowship program at Modern College, BA campus, TY BBA students Hitesh Motwani and Avishkar Kathe, working together as a team, have been entrusted with the responsibility of promoting the Cyber Smart portal. This portal offers a holistic cyber safety learning ecosystem aimed at schools and communities.

Experience shared about the WCF's Cyber Smart Project by Hitesh Motwani and Avishkar Kathe (TY BBA 2024) is as follows:

Working on the CyberSmart Awareness Program has been an enriching experience for us. We have had the opportunity to interact with students from diverse backgrounds and witness their enthusiasm and eagerness to learn about cyber safety. The program's interactive and gamified approach has been well-received by the students, making the learning process engaging and enjoyable. We are grateful for the support and cooperation extended by the school authorities, teachers, and parents, which has been instrumental in the successful implementation of the program so far.

We would also like to express our sincere gratitude to our esteemed college for providing us with this incredible opportunity. The constant support and encouragement from the faculty and administration have been invaluable in shaping our growth and success.

Following schools were covered for the Cyber Smart project by Hitesh and Avishkar:

1. PES's Modern Girls High School, Shivajinagar (Next to BBA Campus)
2. PES's Modern High School (Off J.M. Road, Opposite Police Line) (Marathi Medium)
3. PES's Modern High School (Next to Modern College of Engineering) (English Medium)
4. St. Sebastian High School, Daund
5. WNS Static/Mobile Library
6. Children in their neighbourhood

Activity - 23

Title of the Event: Professional Pattern of Business Communication

Date: 25th January 2024

Name of the Speaker: Mr. Manish Roushan (Founder and CEO of Roushan Research International)

Class: FY BBA, SY BBA

Number of Participants: 70

Mode of Event: Offline

Description:

The guest speaker not only helped the students to know about the importance of communication but also made them aware of the expectations of the company from job seekers when it comes to communication. The session was quite interactive focusing on the shift from just communication to communication with impact at entry level and at work place.

This session was organized by the BBA dept. taking into consideration the basic need of improvement of students' participation in communication. The intention of the session was to help the students overcome their communication fears and improve public speaking. The session provided necessary inputs to motivate students about how to become market ready by enhancing their communication abilities.

Activity - 24

Title of the Event: Indian Capital Market

Date: 12th February 2024

Name of Speakers: Prof. Anupam More

Class: FY BBA (Finance)

Number of Participants: 70

Mode of Event: Offline

Description:

This guest lecture was initiated for FY BBA (Finance) students with an intention to give them updates about Indian Capital Market. The students enthusiastically participated in the session. The guest speaker elaborated on the present Indian Capital Market and recent trends in Capital Market. This session helped the students to have a better understanding of the concept of IPO and Derivative.

Activity - 25

Title of the Event: Upskilling and Reskilling – The Future of WorkPlaces

Date: 13th February 2024

Name of the Speaker: Mr. Shubhojit Bhattacharya

Class: FY BBA (HRM)

Number of Attendees: 40

Mode of Event: Offline

Description:

This session was planned for students to make them aware of knowledge about different skills required in workplaces and the necessity of up-skilling and reskilling during their career growth .

The guest speaker talked about the importance of different skills required for a better career and also the need of reskilling during their career growth. The session was very interactive and the speaker helped students to clear their doubts about career.

Activity - 26

Title of the Event: Entrepreneurship Development Camp 2023-2024

Date: 13th February - 15th February 2024

Name of Speakers: Organised by MCED

Class: BBA, BBA (CA), BBA (IB), B. Com, M. Com, M. Com (E-Commerce)

Number of Participants: 100

Mode of Event: Offline

Date Topic Speaker Name

13/02/2024	Inauguration Session (Founder – Sakas)	Mrs. Madhuri Sahasrabudhe
1 st Session –	Entrepreneurship as a Career	Mr. Rajendra M. Phukane
2 nd Session –	Qualities and Skills of an Entrepreneur	Mr. Shubha Pillay
3 rd Session –	Legal requirement of Business	Mrs. Rao
14/02/2024	1 st Session – Business Opportunity and Business Innovation	Mr. Vikas Jha
2 nd Session –	Digital Marketing	Mr. Pravin Thite
3 rd Session –	Detailed Project Report and Schemes	CA Shriram Chandak
15/02/2024	1 st session – Business Scaling	Mr. Gururaj Dangare
	2 nd Session – Mrs. Madhumita Rane	Business Communications
3 rd Session –	Start Up	Mr. Hanumant Pandey
4 th Session	Valedictory Session	

Description:

The Entrepreneurship Awareness Camp was organised at Modern College of Arts, Science and Commerce (Business Administration Campus) in collaboration with Maharashtra Centre for Entrepreneurship Development on 13th, 14th and 15th Feb 2024. Maharashtra Centre for Entrepreneurship Development is an autonomous society working under Directorate of Industries, Government of Maharashtra. It is an ISO 9001:2008 certified Organization. MCED has been a pioneer in espousing social & economic entrepreneurship since 1988. It is a training institute in the core area of entrepreneurship development. It works as a facilitator & guide for the creation & cultivation of the entrepreneurial spirit in the society.

The camp was inaugurated on 13th Feb 2024 in the presence of Mrs. Madhuri Sahasrabudhe (Founder – Sakas Flours, Namkeen and Sweets), Mr. Sunil Patil (Co-ordinator – MCED). The objective of the workshop was to create awareness among the students about entrepreneurship as a career choice and inform them about business opportunities. The interaction was held with few role models entrepreneur to motivate the students. This programme aims to help, guide, support selected generation entrepreneurs to:

- Strengthen their entrepreneurial abilities / motivation.
- Analysis of the environment related to small & medium industry / business.
- Select project / products.
- Formulate project.
- Understand the process and procedure of setting up a small / medium industry / business.
- Know & influence the sources of help / guidance / support needed for launching an enterprise.
- Acquire the management skills to manage the unit.
- Know the pros & cons of being an entrepreneur.
- Acquainting and appreciating social responsibility and entrepreneurial discipline.

The objective of the workshop was to create awareness among the students about entrepreneurship as a career choice and inform them about business opportunities. The interaction was held with few role-model Entrepreneurs to motivate the students.

100 students from B.Com, BBA, BBA (IB), M.Com and M.Com (E-Commerce) had participated in the workshop. The students attended all the sessions in the three days camp enthusiastically, resulting in a very interactive and enriching camp. The students who attended the workshop received certificates by the government of Maharashtra, MCED. The students were provided refreshments and lunch by the college.

Activity - 27

Aarohan 2023-24

Aarohan - Exploring Limitless Talent, the cultural festival of the college was organized by and for the BBA, BBA (CA), BBA (IB), B.Com, M.Com, M.Com (E-Commerce) students. This year Aarohan was a 5 days (27th February - 2nd March 2024) cultural festival where a platform was provided to the students to showcase their cultural, managerial and sports skills.

The event was inaugurated on 28th Feb in the presence of our Principal Dr. R.S. Zunjarrao, Dr. M.D Alandikar (Vice Principal, Business Administration Campus) and the chief guest Shri Milind Lele (Film Producer and Director).

The objective of organising Aarohan is to provide a creative platform to the students to showcase their kaleidoscopic talents. More than 1300 students participated in the 23 events organized in Aarohan 2024.

The list of Aarohan Events is as follows:

Sr.No. Event Name

- 1 Football
- 2 IPL Auction
- 3 Table Tennis
- 4 PPT Presentation
- 5 Minute to Win It
- 6 Cricket
- 7 Cooking Without Fire
- 8 Best Manager
- 9 Quiz
- 10 Volleyball
- 11 Tug of War
- 12 Debate
- 13 Chess
- 14 Treasure Hunt
- 15 Badminton
- 16 Creative Writing
- 17 Rangoli
- 18 Mehendi
- 19 BGMI
- 20 Blackout Coding
- 21 Musical Trivia

The event was very successful and the students made the most of the opportunity provided by the college.

Activity - 28

Title of the Event: BBA AAA for AY 2022-2023

Date: 24th February 2024

Name of Auditor: Dr. Mangesh Waghmare, Head – Dept. of Business Administration & Asst. Prof. (New Arts, Commerce & Science College, Ahmednagar)

Description:

The auditor reviewed the academic processes in the Dept. of BBA and gave recommendations on enhancing the quality of academic activities. He also assessed the policies, strategies & functions of the various administrative departments.

Activity - 29

Title of the Event: BBA BOS on SY BBA (NEP) Syllabus Designing

Date: 9th March 2024

Name of External BOS Members:

1. Prof. Sharmila Kavediya (MES Garware College of Commerce, Pune)
2. Prof. Pradnya Gaikwad (MIT WPU)
3. Prof. Diksha Bedekar (MIT WPU)
4. Mr. Pushkar Aurangabadkar (Director, Milastic Education Private Limited, Pune)
5. Mr. Siljith Mohan (CEO & Founder - Eventomaniaa)
6. Dr. Sharayu Bhakare (Symbiosis College of Arts and Commerce, Pune)
7. Dr. Gauri Prabhu (AISSMS, Pune)

Description: To finalize the SY BBA (NEP) syllabus

Activity - 30

Title of the Event: TY BBA Farewell 2024

Date: 16th March 2024

Class: FY BBA, SY BBA

Venue: Lata Mangeshkar Hall

Number of Participants: 200

Description:

The students of FY BBA and SY BBA organized a farewell function for the passing-out TY BBA batch of 2023-24. The students organized this function in the Late Lata Mangeshkar Hall. A series of dance and singing performances were held along with games for the TY batch. Students also organized a "MR. and MISS farewell" competition.

The function ended with a modest lunch. The arrangements were managed by the enthusiastic students of FY BBA and SY BBA. This event was very successful and was appreciated by the passing out TY Batch.

Activity - 31

FDP by Research Cell Committee

Title of the Event: Publication Ethics: Roles & Responsibilities of Authors

Date: 18th March 2024

Name of Speaker: Prof. (Dr.) Bharat Vhankate (Head, PhD Research Center & Professor, MES Garware College of Commerce)

Audience: Commerce, Management, Computer Science Faculties

Number of Participants: 35

Mode of Event: Offline

Description:

This session was organized by the Research Cell of B.A. Campus for the faculties with an intention to make them aware of good publication practices. While refraining from scientific misconduct or research frauds, authors should adhere to Good Publication Practices. Publications which draw conclusions from manipulated or fabricated data could prove detrimental to society and overall research.

The session provided necessary inputs on publication norms, researcher's ethical code and issues in research ethics. The session provided knowledge of how ethical standards for publication should exist to ensure high-quality publications, public trust in research findings, and that people receive credit for their work and ideas.

This guidance was quite helpful for preparation of research proposals and for writing research articles.

Activity – 32

Title of the Event: Industrial Visit of BNY Mellon Premise Magarpatta (Employee Engagement Program of BNY Mellon)

Date: 3rd April 2024

Name of Speakers: Employees of BNY Mellon

Class: TY BBA, TY BBA (CA) (Female Students)

Number of Attendees: 45

Description:

BBA department of Modern College of Arts, Science and Commerce (Business Administration Campus), Shivajinagar Pune-5 had arranged an Industrial visit to **BNY Mellon Premise at Magarpatta** for the final year female students.

Around 45 female students of TY BBA and TY BBA (CA) participated in an employee engagement program at BNY Mellon premises located in Magarpatta. This activity was mainly organized for female students under the Employee Engagement Program of the BNY Mellon-IAHV Life Skills Project.

Employees of BNY Mellon conducted a workshop on financial literacy at the BNY Mellon premises where they shared information related to saving, managing money, and investment and also BNY employees conducted a quiz for the students based on financial literacy. The session was very informative and interactive. It was a nice experience for the students to interact with corporate people.

BNY Mellon – IAHV life skills project is a part of the CSR project of BNY Mellon. IAHV is its authorized training partner through which training programs are conducted for the youth under BNY Mellon – IAHV life skills project.

Activity – 33

Title of the Event: BBA NEP 2024 Syllabus Framework Restructuring BOS

Date: 14th May 2024

Name of External BOS Members:

1. *Prof. Sharmila Kavediya (MES Garware College of Commerce, Pune)*
2. *Prof. Pradnya Gaikwad (MIT WPU)*
3. *Prof. Diksha Bedekar (MIT WPU)*
4. *Mr. Pushkar Aurangabadkar (Director, Milastic Education Private Limited, Pune)*
5. *Mr. Siljith Mohan (CEO & Founder - Eventomaniaa)*
6. *Dr. Sharayu Bhakare (Symbiosis College of Arts and Commerce, Pune)*
7. *Dr. Gauri Prabhu (AISSMS, Pune)*

Description: To finalize the BBA NEP 2024 syllabus framework restructuring.

- Prof. Lawly Das

Head, Department of BBA

- Prof. Lawly Das

Head, Dept. of BBA

- Prof. Dr. M. D. Alandikar

Vice Principal

BBA (CA)

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: BBA (CA)

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Prof. Dr. M. D. Alandikar	HoD and Chairperson of DIQAC	8308802322	
2	Prof. PradnyaKhale	Member 1	9075102499	khalanecommercesf@moderncollegepune.edu.in
3	Prof. GauriPatil	Member2	9960618391	khirecommercesf@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

1.1.2 Number of Programmes where syllabus revision was carried out during the year

–1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1.2.1 - Number of new courses introduced across all programmes offered during the year

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
TYBBA-CA Sem V and VI projects	102

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	2	2	0	0	0

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	10	0								

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

6	3	8

2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops			
Presented papers			
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum

restructuring/revision/syllabus development

as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

2.10 Average percentage of attendance of students

75

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff				
Technical Staff				

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following formats annexure

Please provide scan copies of the papers published as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.11 No. of conferences

organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)(JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
675			

(b) No. of students outside the

3

state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure

No	%
399	

Men

No	%
276	

Women

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Rahul Kananboina	BBA (CA)	Amazon	3.6 LPA
Terrance Raj	BBA (CA)	Amazon	3.6 LPA

On campus

Number of Organizations Visited

Number of Students Participated

Number of Students Placed

Off Campus

Number of Students Placed

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

21. Soft Skills

- Guest lecture on "Study abroad" on 21st July 2023 for the **TYBBA (CA)** students.
- "Professional Grooming by IIM-Calcutta nadMakeintern" by S.K. Jain from 31st July 2023 to 07th August 2023 for all the **BBA (CA)** students.
- "Online Training Session on Soft Skills" by Mr. Ayush Kumar (Training Asst, WNS) from August to September 2023 daily two hours for the **TYBBA (CA)** students.
- Guest lecture on "How to write Resume" by Mr. Shivam Khandelwal on 19th August 2023 for the **TYBBA (CA)** students.
- Guest lecture series on "Cyber Law" by Mrs. Shamala Bhasme from 30th September 2023 to 06th November 2023 for the **TYBBA (CA)** students.

22. Language and Communication Skills

23. Life Skills (Yoga, Physical fitness, Health and Hygiene)

24. Awareness of Trends in Technology

- Industrial Visit to Barclay's on 19th July 2023 for the **TYBBA (CA)** students.

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

6.3.2 Teaching and Learning

Remedial classes, more interactive sessions, ICT, Providing platform for presentation, expert sessions of banking, fiancé, AI etc.

6.3.3 Examination and Evaluation

Preparation and effective implementation of exam calendar well in advance paper setting, arrangement, formation of squad and more, hybrid mode of exam

6.3.4 Research and Development

Research seminar, workshop, research paper writing, publishing

6.3.5 Library, ICT and physical infrastructure / instrumentation

Lab, library, well equipped gym, playground, reading room for staff and student, canteen, staffroom, office and class rooms.

6.3.6 Human Resource Management

Panel interview by experts, regular salaries according to scale, FDP for new teachers, mediclaim facilities for staff, Festival & birthday celebration, PF & gratuity facility, honorarium for extra work, appreciation and felicitation during staff meeting, Extra three increments to PhD rewarder, Maintenance of individual personal files and service books.

6.3.7 Faculty and Staff recruitment

Selection by local selection committee/ university selection committee.

6.3.8 Industry Interaction / Collaboration

Mou's, industries visits, Visit of industrial people for counseling.

6.3.9 Admission of Students

Four Online admission counseling meetings conducted. On time commencement of classes, continuous internal evaluation pattern of marks, merit list was displayed & merit list wise counseling, allotment of corresponding categories as scheduled by SPPU.

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

- **Strength:**

- Qualified and Experience faculties.
- Best administrative system.
- Necessary infrastructure.
- Growing result level.
- Maximum Co-curricular and Extra- curricular activities.
- Affordable Education.
- Location / Accessibility.
- Excellence in sports.
- Started foreign language courses.

- **Weakness:**

- Lack in granting Research project from University.
- Less Industry-Institute Interaction.
- Less student diversity.

- **Opportunities:**
 - More focus on Placement.
 - Arranging more number of FDP/National /International Level conferences.
- **Challenges:**
 - Growing academic competition from other Colleges and foreign universities.
 - Encouraging students for competitive examinations and higher studies.
 - Changes in Student, teacher and Parent role.

8. Plans of Department for next year

- Focus on student's practical approach.
- Arranging Industrial visits in Software companies.
- Skill Development program for faculties and students.
- Focus on research especially in granting projects from University.

Name 1: Prof. Gauri Khire

Name 2: Prof. Pradnya Khalane

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

BBA(CA) Department is very happy to share the achievements of our department under the guidance of Hon. Vice-Principal Dr. M. D. Alandikar, for the academic year 2023-24. Every year our Department organizes various student centric activities apart from regular syllabus. Details of the activities are as follows:

Guest Lectures Organized:

- Industrial Visit to Barclay's on 19th July 2023 for the TYBBA (CA) students.
- Guest lecture on "Study abroad" on 21st July 2023 for the TYBBA (CA) students.
- "Professional Grooming by IIM-Calcutta nad Makeintern" by S.K. Jain from 31st July 2023 to 07th August 2023 for all the BBA (CA) students.
- "Online Training Session on Soft Skills" by Mr. Ayush Kumar (Training Asst, WNS) from August to September 2023 daily two hours for the TYBBA (CA) students.
- Guest lecture on "How to write Resume" by Mr. Shivam Khandelwal on 19th August 2023 for the TYBBA (CA) students.
- Guest lecture series on "Cyber Law" by Mrs. Shamala Bhasme from 30th September 2023 to 06th November 2023 for the TYBBA (CA) students.

- Prof. Pradnya Khalane

Head, BBA (CA)

BBA (IB)

PART A

DIQAC Composition and Activities

For the departments having **less than 3** staff members :

Department Name: BBA (IB)

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. M.D. Alandikar	Vice-Principal and Advisor of DIQAC	8308802322	hodcommercesf@moderncollegepune.edu.in
2	Dr.Neha Dixit	HoD and Chairperson of DIQAC	9890652802	dixitcommercesf@moderncollegepune.edu.in
3	Prof. Prakash Vasal	Member 1	9420950636	vasalcommercesf@moderncollegepune.edu.in
4	Prof.KanchanKalekar	Member2	9309946584	kalekarcommercesf@moderncollegepune.edu.in

For the departments having **more than 3** staff members :

Department Name:

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr.Neha Dixit	HoD and Chairperson of DIQAC	9890652802	dixitcommercesf@moderncollegepune.edu.in
2	Prof. Prakash Vasal	Member 1	9420950636	vasalcommercesf@moderncollegepune.edu.in
3	Prof.KanchanKalekar	Member 2	9309946584	kalekarcommercesf@moderncollegepune.edu.in
4	Prof.RushikeshPalsapkar	Member 3	7276313014	palsapkarcommercesf@moderncollegepune.edu.in

2.11 No. of meetings with various stakeholders: No. Faculty : 5

Non-Teaching Staff Students

Alumni

Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. Conducted IB Exhibition on the theme “ Global Connect: Bridging Business, Technology and Diplomacy“ on 24th January,2024
2. Live Telecast of Union Budget shown to all students, on 1st February, 2024, followed by report writing.
3. Conducted 3 guest lectures.
5. Industrial visits conducted to
 1. 9 October 2023 Visit to - Parle-G Factory Chakan - Shivshakti Foods
 2. 10 October 2023 Visit to JNPT, Uran - Mumbai
 3. 11 October 2023 Visit to Dry Port Dighi

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG				
UG	1	-	1	-
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				
Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year

1) Under NEP, syllabus framework for three years , and first year syllabus was framed, in the month of May, 2024 (As per the credit structure of SPPU).

2) Under NEP, second year syllabus was framed, in March, 2024

1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year .

NIL

1.2.1 Number of new courses introduced across all programmes offered during the year -NIL

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

One (Existing program is Choice Based Credit System (CBCS)/Elective Course System) under NEP.

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

Name of the value-added courses (with 30 or more contact hours) offered	Course Code, if any	No. of times offered during the year	Duration of course (in hours)	Number of students enrolled during the year	1.3.3 Number of students who completed the course during the year
TMI Employment Academy(Sponsored by Bajaj Fin Serve)		Once	100Hours	08	08

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
1 Project 2 Field Projects for Business Exposure	131

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
4	4	1 Availability of internet 2 Availability of Projectors in the class rooms	4	-	You Tube videos Google Power point presentations

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
Nil	Nil	Nil	Nil	Nil

2.2 No. of permanent faculty with Ph.D.- NIL

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
4	0	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

3

4

4

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops			
Presented papers			
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum

restructuring/revision/syllabus development

as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1	Dr.Neha Dixit	1. Chairman- BoS 2. Faculty	1. 6 th March, 2024 2. 10 th May, 2024
2	Prof. Prakash Vasal	Faculty	
3	Prof.KanchanKalekar	Faculty	
4	Prof.RushikeshPalsapkar	Faculty	

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the & Learning processes :

75%

1. Teaching Plans are collected from every faculty.
2. Departmental meetings are conducted for follow-up according to teaching plans regarding completion of syllabus.
3. Experiential learning activities are conducted.

2.13 Initiatives undertaken towards faculty development by the department

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1	Nil	Nil	Nil
Technical Staff	Nil	Nil	Nil	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

Name of the teacher awarded national/ international fellowship/financial support	Name of the Award/Fellowship	Month and Year of Award	Awarding Agency
Nil	Nil	Nil	Nil

3.2.3 - Number of teachers recognised as research guides

Name of full-time teachers with PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt during the year	Qualification (PhD / D.M. / M.Ch. / D.N.B Super Specialty /DSc / DLitt) and Year of obtaining	Whether recognised as a research guide for PhD?	Year of recognition as a Research Guide	Is the teacher still serving the institution?/If not,when did he/she leave the institution?	Name of the scholar	Month and Year of registration of the scholar	PhD Scholar's Title of the Thesis
Dr.Neha Dixit	Ph.D.(2010)	No	-	Yes	-	-	

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution
Faculties participate in the Research related activities conducted by college.

3.2 Details regarding major projects

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	-	-	-
Outlay in Rs. Lakhs	Rs.95,000/-	-	-	-

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals			
Conference proceedings		1	

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2013-15	UoP	Rs.95,000	Rs.95,000
Interdisciplinary Projects	-			
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

Sr. No	Name of the Staff Member	Book Title	Publisher Name	ISBN Number	Year of publication
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year					
Department			No. of publication		

3.10 consultancy provided by the Department

Sr. No.	Name of the Staff Member	Consultancy Provided to	Revenue Generated

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 Details faculty served as experts, chairpersons or resource persons

Sr. No.	Name of the Staff Member	Role	Name of Conference / Seminar / Symposia

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

Type of Patent	Name of Staff Members(s)		Number
National		Applied	
		Granted	
International		Applied	
		Granted	
Commercialised		Applied	
		Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones)(JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		1		
Presented papers		1		
Resource Persons				

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	3 (Laptops)	-	One	-	-	-	-	80	Printer-1 Head Phone - 1
Added	2 Computers						Exam		
Total	3 (Laptops)	-	One	-	-	-	-	80	1 + 1

Separate Examination Department is created for NEP requirements, with proper arrangements of storing and evaluation point of view.

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
282			

(b) No. of students outside the state

03

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

01

Please provide the list of students, Gender, class, category as annexure

No	%
171	60.63

No	%
111	39.36

Men

Women

5.2.1 - Number of outgoing students who got placement during the year

On campus

Off Campus

Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

Students counselling is done specially during admission, by conducting counselling session, merit list wise. Guest lectures were organized for career guidance. Entrepreneurship Development workshop was conducted for 3 days, which opened various avenues for the students for self employment.

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

25. Soft Skills

26. Language and Communication Skills

27. Life Skills (Yoga, Physical fitness, Health and Hygiene)

28. Awareness of Trends in Technology

Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled	Name of the agencies/consultants involved with contact details, if any
1. Language and Communication Skills	2019-20	1	SPraj Institute of Foreign Languages
2 International Business Exhibition	2018-19	100 (Participants)	Department
3 ED Workshop	2019-20	15	MCED
4 Employability Skills	2023-24	08	TMI Employment Academy(Sponsored by Bajaj Fin Serve)

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Sr. No.	Name of the Event	Fair / Exhibition	Level (Int./Natioanl/ State/ Univ./ Other)	Details
1	IB-Exhibition	Exhibition	Other	All students from the department are divided in Teams, and they were given a theme,under the title “Global Connect:Bridging Business, Technology and Diplomacy”. Students prepared models, PPT’s and Charts and explained them.
2	“Best Out of Waste”	Exhibition	Other	This activity is conducted only for SY students, who created wonderful items from waste material, like old news papers, plastic bottles, coconut waste, rubber, tyres etc.

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
One Day FDP Workshop on “Research projects Under Unnat Maharashtra Abhiyan” conducted by IIT-Bombay	02	25 th April, 2024
Knowledge Sharing Program by IBS	01	2 nd August, 2024
FDP @ IBS- Pune , on “Publication Ethics & Plagiarism”	04	3 rd November, 2023

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development :

Curriculum was developed for SY NEP.

Similarly, some updating was done for IKS vertical and in syllabus framework for matching of credits with SPPU. Two BOS Meetings were conducted in this regard.

6.3.2 Teaching and Learning

This years teaching was completely in Off Line manner, which includes class room teaching, PPTs, notes, sharing pdf files, etc. It also includes

Class room discussions, homework, experiential learning and continuous evaluation.

6.3.3 Examination and Evaluation -Under Autonomy, we have well defined examination and evaluation system. We Prepare Examination Calendar, well in time, execute it accordingly. Students are well informed about exams, in advance. Separate Examination Department is created with all required infrastructural and technical support.

6.3.4 Research and Development

Three faculties from department are pursuing Ph.D.

Faculties attend the various FDP's & Workshops conducted by college.

6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

1. Conducting IB Exhibition

2. Live Telecast of Union Budget followed by submission of report

7.4 Contribution to environmental awareness / protection

Department conducts, an exhibition “Best out of Waste” for SY students, where students try to minimise the waste and learn the effective utilization of left over items. They learn to minimize the waste, and thus contribute to the clean environment.

7.6 SWOC Analysis of the Department

Strengths:

1. Dynamic leadership and support of Vice-Principal

2. Qualified, experienced and dynamic faculties with supportive Administration System

3. Organizing IB Exhibition and Activity Based Learning for the students

4. Visit to Dry port and Sea ports (Inland Container Depot & Sea ports)

5. Maximum curricular & co-curricular activities

6. Good Placement Cell

7. Good Infrastructure & ICT enabled classrooms

8. Well equipped library

9. Regular conduct and participation in FDP

10. Entrepreneurship Development activities

11. Organising social activities like Social Week. (which enhance Social Values& and Responsiveness amongst students)

12. Organizing various cultural activities under the umbrella of an event “Aarohan”.

13. Introduction of Foreign Language Cell

14. Gym and Indoor Games facilities for students.

15. Wi-Fi enabled campus

Weaknesses:

1. Inadequate Industry-Academia collaboration.

2. Less Research Activities.

3. Insufficient Collaboration with agencies promoting International Business.

Opportunities:

1. Getting connected to various Import Export Agencies, Dry ports, Sea port, Exim Bank and other financial institutions, which will develop mind-set of students for different international Business related activities.
2. Helping students to initiate ideas of Start Up.
3. Making them ready for placements.

Threats:

- 1 Building strong student-teacher rapport.
- 2 Involving students from vernacular background and International students in teaching learning process in English.
- 3 Developing the mind-set of the students towards start-ups and skill acquisition

8.Plans of Department for next year

1. Working for the effective implementation of NEP
2. Preparing students for Self Employability, through Start-Up Culture.
- 3 Becoming more & more Industry oriented
- 4 Preparing for Certification courses.
- 5 Increasing the placements of the students.
6. To Achieve higher results.
7. To Go for more placements.
- 8 To build a strong Alumni relationship.
- 9 To increase industry connect.

Name 1: Prof. Prakash Vasal

Name : Dr.Neha Dixit

Name 2 : Prof.Kanchan Kalekar

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

- FY admissions under NEP started during the month of June, 2023. Three counseling sessions were conducted for FY during this period.
- The department of BBA-IB started lectures from 3rd July, 2023, for FY SY & TY students in off-line mode.
- Experiential learning activities (CIE I) and Tutorials were conducted in the month of August for SY and TY. On 25th August, 2023 a guest lecture by Prof. Shradha Gupta from IBS-Pune was conducted.
- “Best out of waste” Competition by SY BBA-IB students, as CIE activity was conducted. on 4th September, 2023.
- CIE Examinations for SY & TY were conducted during 11th September to 14th September, 2023. CIE Examinations for FY were conducted between 4th to 6th October, 2023.
- Departmental AQAR was sent to IQAC in the month of October only.
- **Industrial visits to following ports/companies were conducted in the month of October.**
 1. 9 October 2023 Visit to - Parle-G Factory Chakan - Shivshakti Foods
 2. 10 October 2023 Visit to JNPT, Uran - Mumbai
 3. 11 October 2023 Visit to Dry Port Dighi

All TY students from both the divisions attended these visits.
- Deepavali Vacations for students were given (1/11/23 to 21/11/23)
- Regular & Backlog ESE examinations were conducted in the month of November/December, (From 22-11-23 To 29-12-23) along with CAP.
- The Second Semester started from 20th December, 2023.
- CIE 1- experiential learning activities of FY, SY & TY were conducted during the month of January. Submission of titles of projects & First draft of project, was completed for TY students.

- Guest Lecture by Mrs. Anuradha Patil (Be Lingual Institute of Foreign Languages) on 'Learning Foreign Languages' was conducted for FY students, on 17th January, 2024.
- The flagship activity of our department- IB Exhibition was conducted on 24th January, 2024, on the topic of "Global Connect : Bridging Business Technology and Diplomacy". Students from all the classes participated in this event. The department was divided into various teams, who selected a topic relevant to the theme. The exhibition was conducted in the form of models, exhibits, charts, QR codes, Video's and oral presentations. Total 9 teams were formed, who chose 9 different topics. Newsletter was published after this event.
- Guest Lecture on "Business Taxation" by Prof. Shradha Pathak for SY students was conducted on 31/1/2023.
- Social Week was celebrated from 10th January to 13th January 2024. Students from all classes participated in this activity.
- Following Social Issues were covered by renowned speakers in different fields:
 - 1) Obey the law & be a Loyal Citizen
 - 2) Yoga a Pathway to Mental Peace
 - 3) Social Media Effect on Youth
 - 4) Choose Life Without Addiction
 - 5) Ideal Lifestyle for a Healthy Nation
- Live Telecast of the union budget was shown to all the students of the department on 1st February, 2024, and students were asked to prepare a report of the same.
- Our Annual Cultural Fest, Aarohan was conducted from 27th February, 2024 to 1st March, 2024...
- Experiential learning activities and project evaluation was conducted in the month of February/March.
- AAA of the department was conducted on 24th February, 2024.
- Entrepreneurship Development Camp 2023-2024 was organized between 13th February to 15th February 2024, by MCED. 15 students from TY BBAIB participated in the camp.
- In this academic year, three BOS meetings were conducted. The first meeting was conducted for finalizing FY NEP syllabus (on 3rd June, 2023), second meeting was conducted for finalizing SY NEP Syllabus (6th March, 2024) and third meeting was conducted on for matching of NEP credit structure with SPPU credit structure (10th May, 2024)
- 20 Placement drives were conducted by the placement department, where our students participated.
- 5 students received offer letters from Umbrella Tree, Pune as Technical Associate.
- The ESE examinations (Regular & Backlog) for Autonomy and NEP were started from 19th March, 2024 and ended on 2nd May, 2024. During the same period CAP for Autonomy and NEP were conducted simultaneously and results were declared within a short span of almost one month.

- **Dr. Neha Dixit,**

Head, Dept. of BBA-IB

- **Prof. Dr. M. D. Alandikar**

Vice Principal

LIBRARY AND INFORMATION CENTRE

DIQAC Composition and Activities

For the departments having **more than 3** staff members :

Department Name: Library and Information Centre

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Dr. Shantashree Sengupta	HoD and Chairperson of DIQAC	9890005425	librarian@moderncollegepune.edu.in
2	Shri. Prakash Sable	Member 1	9850991102	mcasclib@gmail.com
3	Shri. Amit Valvi	Member2	9527891303	amitvalvi7@gmail.com

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is automated {Integrated Library Management System -ILMS}			
Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	22.11.03	2021

The Library and Information Centre has been automated since 2005 using Autolib Software. As a step towards graduation, in October 2021, installation and implementation of KOHA ILMS is done in the Library. KOHA is a full featured open source Integrated Library Management System.

KOHA provides the modules of Acquisition, Cataloguing, Barcode Printing, Patrons, Serials Control, Reports, Tools and KOHA Administration. The OPAC and WebOPAC facilities are also available. The ILMS provides options of generating customized reports as per the library requirements. The In-out Management system helps in measuring the library user footfall. The reports can be generated according to the varied user categories. Library users receive automated email from the system regarding issue/return of books.

The Library Webpage developed on KOHA (<http://opac.mcascpune5lib.com:8001/>) provides detailed information about the library and access to Library at a glance, Access to Subscribed and Open Access Databases, Open Educational Resources, Reference Links eg. UGC-CARE, Rare Book Society of India, Internet Archive etc. The library webpage also provides links to External Higher Educational bodies like UGC, NAAC etc. The WebOPAC facility enables the students to know the availability status of the book. The Browse-Shelf facility in the WebOPAC works as a Virtual Book Shelf.

Additional Information:

The Library and Information Centre of Modern College, Pune-5 upgraded to the globally used KOHA Integrated Library Management Software. After successful migration from the existing Autolib Library Software, KOHA was launched successfully in October 2021. Being an Open Source Software, it provides the facility of customization as per our local needs.

The following modules are provided by the ILMS: Acquisition (including Accessioning), Cataloguing, Circulation, Patron Management, Serials Control, KOHA Administration, Tools (for updating the OPAC/WebOPAC User Interface), In-out Management System and Reports. In the Acquisition Module, while accessioning, with the help of ISBN, the ILMS automatically takes the Images of the Book Covers from Google Images /Amazon.com. The book images appear in the Book Search in OPAC and WebOPAC. Users can search the

required book using Author, Title, Subject, ISBN, ISSN, Series, Call Number and Accession Number. It also provides the availability status of the book.

The Circulation history of a book and of a user can easily be generated. The Circulation Module automatically sends Check-in, Check-out and Advance Notice of Item Due to the Library Users regarding the Issue/Return of Books. At the end of academic year, the library generates list of books pending on students name from the software and the respective mark sheets are brought in the library. After clearing the book dues, the students are given their mark sheet. Library footfalls can be easily measured with the help of the In-out Management System categorically. The OPAC and WebOPAC has a special feature of Book Shelf which lets the user know about the other books in the same shelf in a virtual manner. Library Website is also created using KOHA which measures the number of user visits in OPAC / WebOPAC. Several External Links are also provided in the Library Website. For the ease of the users, link to the College Institutional Repository, MCASC Subject Gateway, Google Scholar Institutional Profile and Virtual Shelf of Modern Magazines is also provided. Users can access the WebOPAC on Mobile too which enables 24x7 remote access to the library catalogue and the Institutional Repository.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	31553	22,67,491.13	122	38,849.50	31675	23,06,340.63
Reference Books	60111	14,89,1918.50	485	4,33,879.21	60596	1,53,25,797.71
e-Books	-----	-----	-----	-----	-----	-----
Journals	56	2,42,395.12	13	1,11,879.68	69	3,54,274.80
e-Journals	02	61,303.68	-----	-----	02	70,763.20
Digital Database	03 (NLIST, DELNET, NDL)	46,610.00 (Subscription renewal amount)	-----	-----	03 (NLIST, DELNET, NDL)	46,610.00
CD & Video	245	79,458.00	-----	-----	245	79,458.00
Library automation	01	29,500.00	-----	-----	01	29,500.00
Weeding (Hard & Soft)	27031	12,19,192.57	Old Newspapers	7143	27,031	12,26,335.57
Others (specify)	-----	-----	1) Drillbit Online Plagiarism Detection Software 2) 5 KVA UPS	48,000.00 94,559.40	1) Drillbit Online Plagiarism Detection Software 2) 5 KVA UPS	1,42,559.40

4.2.2 Institution has access to the following:

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs) (data template)

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership

4. e-books
5. Databases
6. Remote access to e-resources

Library resources	If yes, details of memberships/subscriptions	Expenditure on subscription to e-journals, e-books (INR in lakhs)	Total Library Expenditure	Link to the relevant document
Books			Rs. 4,72,728.71/-	http://library.moderncollegepune.edu.in:8001/
Journals			Rs. 3,54,274.80/-	http://library.moderncollegepune.edu.in:8001/
e – journals		Rs. 70,763.20/-		https://link.springer.com/
e-books	Yes. Access through NLIST and DELNET		-----	https://nlist.inflibnet.ac.in/index.php
e-ShodhSindhu	e-ShodhSindhu Membership is not required for Colleges. The college Component of e-Shodh Sindhu is NLIST. We are subscribing to NLIST. Shodhganga is an Open Access Repository of Theses and Dissertations which does not need any membership.			https://ess.inflibnet.ac.in/ess_queries.pdf
Shodhganga				https://discovery.delnet.in/
Databases	1) NLIST (Ref No.: INF/NLIST/2021/1770 dt. 12 th March 2021) 2) DELNET (Receipt No. 69536/2022-23 dt. 21.4.2022. 3 Years subscription) 3) National Digital Library (NDL CLUB ID INMHNC58N8ZCTAM). Free Membership	-----	Rs. 5900.00	
Local and / or Remote access to library resources (Specify)	Yes. Remote access provided to NLIST and NDL through Individual Username and Password. DELNET database can be accessed using Institutional Login details. The Institutional Repository of the College is Open Access in nature which is not login based. WebOPAC of the College Library can be accessed directly without any login.			1) Institutional Repository http://dspace.moderncollegepune.edu.in:8090/xmlui/ 2) NLIST https://nlist.inflibnet.ac.in/ 3) WebOPAC of MCASC Library http://library.moderncollegepune.edu.in:8001/ 4) DELNET https://discovery.delnet.in/

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

- Number of physical users accessing the library (for the period of 16.06.2023 to 05.06.2024) 82189
 - a) Teacher logins for physical usage: 2255
 - b) Student logins for physical usage: 79934
- Number of users using the library through e-access
 - a) N-LIST : 65
 - b) DELNET : 113
 - c) Institutional Repository total views: 592062

Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos.	International	National	State	Institution Level

(ii) Themes : Following are the details of the Webinars/Workshops conducted by the Library and Information Centre in Academic Year 2023-24:

- 1) 20.02.2024: The Library and Information Centre of Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 organised Online Awareness and Training Session on 'Drillbit- Online Plagiarism Detection Software'. Drillbit is one of the leading Plagiarism Detection Software which is recommended by UGC, INFLIBNET and SPPU, Pune. It has wide acceptance and larger content coverage of more than 100 regional and foreign languages including Marathi, Hindi, German etc. We are thankful to Dr. Nikita Vanzari, Balani Infotech for the excellent presentation of the unique features and for solving the queries of the attendees. The online session was attended by Principals, Teaching Faculty Members, PG Students and Ph.D Research Scholars of several colleges and institutions under the aegis of Progressive Education Society Pune.

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

- 1) Mahatma Jyotiba Phule Jayanti: 11th April 2023.
- 2) Dr. Babasaheb Ambedkar Jayanti: 14th April 2023.
- 3) Mahatma Basweshwar Jayanti: 22nd April 2023.
- 4) Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2023.
- 5) Chhatrapati Sambhaji Maharaj Jayanti: 14th May 2023.
- 6) Dahshatvaad va Hinsachar Virodhi Diwas : 21st May 2023
- 7) Maharana Pratap Jayanti : 22nd May 2023.
- 8) Swatantrayveer Savarkar Jayanti : 28th May 2023.
- 9) Ahilyadevi Holkar Jayanti : 31st May 2023.
- 10) Shivswarajya Din: 06th June 2023.
- 11) Rajarshi Shahu Maharaj Jayanti : 26th June 2023.
- 12) Vasantrao Naik Jayanti : 1st July 2023.
- 13) Lokmanya Bal Gangadhar Tilak Jayanti : 23rd July 2023.
- 14) Sahityaratna Annabhau Sathe Jayanti : 01st August 2023.
- 15) Krantisingh Nana Patil Jayanti : 3rd August 2023.
- 16) Sadbhavna Diwas : 20th August 2023.
- 17) Raje Umaji Naik jayanti : 07th September 2023.
- 18) Keshav Sitaram alias Prabodhankar Thackeray Jayanti: 17th September 2023.

- 19) Pandit Deendayal Upadhyay Jayanti : 25th September 2023.
- 20) Mahatma Gandhi Jayanti : 02nd October 2023.
- 21) Lal Bahadur Shastri Jayanti : 02nd October 2023.
- 22) Dr. A.P.J Abdul Kalam Jayanti : 15th October 2023.
- 23) Display of Recent Publications in the Library: 21.10.2023
- 24) Maharshi Valmiki Jayanti : 28th October 2022.
- 25) Indira Gandhi Punyatithi and Rashtriya Sankalp Diwas : 31st October 2023.
- 26) Vallabhbhai Patel Jayanti and Rashtriya Ekta Diwas : 31st October 2023.
- 27) Pandit Nehru Jayanti : 14th November 2023.
- 28) Birsa Munda Jayanti : 15th November 2023.
- 29) Indira Gandhi Jayanti and Rashtriya Ekatmata Din : 19th November 2023.
- 30) Sanvidhan Diwas : 26th November 2023.
- 31) Mahaparinirvan Diwas: 06th December 2023.
- 32) Sant Santaji Jagnade Maharaj Jayanti : 08th December 2023.
- 33) Shantata Punekar Vaachat Aahet : 14th December 2023.
- 34) Atal Bihari Vajpayee Jayanti: 25th December 2023.
- 35) Veer Bal Diwas: 26th December 2023.
- 36) Dr. Bhausaheb alias Panjabrao Deshmukh Jayanti: 27th December 2023.
- 37) Savitribai Phule Jayanti : 03rd January 2024.
- 38) Rajmata Jijau and Swami Vivekanand Jayanti : 12th January 2024.
- 39) Netaji Subhash Chandra Bose Jayanti and Balasaheb Thackeray: 23rd January 2024.
- 40) Sant Sevalal Maharaj Jayanti: 15th February 2024.
- 41) Chhatrapati Shivaji Maharaj Jayanti : 19th February 2024.
- 42) Balshastri Jambhekar Jayanti: 20th February 2024.
- 43) Sant Gadge Baba Jayanti and: 23rd February 2024.
- 44) Sant Ravidas Maharaj Jayanti: 05th February 2024.
- 45) Pune Pustak Parikrama: 07th March 2024.
- 46) Yashwantrao Chavan Jayanti : 12th March 2024.
- 47) Shaheed Din : 23rd March 2024.
- 48) Mahatma Jyotiba Phule Jayanti: 11th April 2024.
- 49) Dr. Babasaheb Ambedkar Jayanti: 14th April 2024.
- 50) Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2024.
- 51) Mahatma Basweshwar Jayanti: 10th May 2024.
- 52) Chhatrapati Sambhaji Maharaj Jayanti: 14th May 2024.
- 53) Dahshatvaad va Hinsachar Virodhi Diwas : 21st May 2024
- 54) Maharana Pratap Jayanti : 22nd May 2024.
- 55) Swatantrayveer Savarkar Jayanti : 28th May 2024.
- 56) Ahilyadevi Holkar Jayanti : 31st May 2024.
- 57) Shiv Swarajya Din: 6th June 2024
- 58) Maharana Pratap Singh Jayanti: 9th June 2024.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

** Attach the Academic Calendar of the year as Annexure.*

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	02	----	01

Presented papers	----	----	----
Resource Persons	----	----	----

Pl. Provide the scan copies of participation certificates as annexure

2.13 Initiatives undertaken towards faculty development by the department

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	01
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	
Others	01

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14		-----	-----
Technical Staff	-----	-----	-----	-----

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

3.5 Details on Impact factor of publications:

Range

Average

h-index

Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published i) With ISBN No.

Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.10 Consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

Sr. No.	Name of the Institution	Type of Collaboration (International / National / Other)	Area / Details
1	DELNET	International	Inter Library Loan, Access to Library Resources
2	P.E.Society's Modern Law College, Ganeshkhind, Pune-16.	Institutional	Inter Library Loan, Access to Library Resources
3	P.E.Society's Modern College of Education (for Ladies), Shivajinagar, Pune.	Institutional	Inter Library Loan, Access to Library Resources

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility : NIL

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	31553	22,67,491.13	122	38,849.50	31675	23,06,340.63
Reference Books	60111	14,89,1918.50	485	4,33,879.21	60596	1,53,25,797.71
e-Books	-----	--	-----	-----	-----	-----
Journals	56	2,42,395.12	13	1,11,879.68	69	3,54,274.80
e-Journals	02	,303.68	-----	-----	02	,763.20
Digital Database	03 (NLIST, DELNET, NDL)	10.00 (Subscription renewal amount)	-----	-----	03 (NLIST, DELNET, NDL)	10.00
CD & Video		79,458.00	-----	-----		79,458.00
Library automation	01	29,500.00	-----	-----	01	29,500.00
Weeding (Hard & Soft)	27031	12,19,192.57	Old Newspapers	7143	27,031	12,26,335.57

Others (specify)	-----	-----	3) Drillbit Online Plagiari sm Detectio n Softwar e	48,000.00	1) Drillbit Online Plagiarism Detection Software	1,42,559.40
			4) 5 KVA UPS	94,559.40	2) 5 KVA UPS	

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	44	----	50 Mbps	20 Computers	----	----	----	----
Added	----	----	----	----	----	----	----	----
Total	45	----	50 Mbps	20 Computers	----	----	----	----

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services : NA

Criterion – VI

6. Governance, Leadership and Management

6.3 Quality improvement strategies adopted by the Department for each of the following:

- 6.3.4 Research and Development
- 6.3.5 Library, ICT and physical infrastructure / instrumentation
- 6.3.6 Human Resource Management
- 6.3.7 Faculty and Staff recruitment
- 6.3.8 Industry Interaction / Collaboration

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

1. The Library and Information Centre is fully automated and the WebOPAC Facility enables users to access the Library Catalogue 24x7 without the limitation of location.
2. The Library has developed Institutional Repository@MCASC which showcases Modern College Annual Magazines, Research Papers, Conference Proceedings, E-Books, E-contents, Question Papers, MODLIB Bulletin Issues, and Project Reports etc. The Institutional Repository is developed using DSpace on Windows Platform.
3. The Library has a separate Digital Library Section with 20 Computers wherein users can access to the subscribed and free databases like NLIST, DELNET, NDL and other electronic resources.
4. Publication of Monthly Library E-Bulletin 'MODLIB' which covers special section of E-Newspaper Clippings.
5. 300+ e-content educational videos are contributed by our faculty members for DELNET ViSiOn Portal. DELNET has issued Letter of appreciation for the college, the faculty members and the Librarian.
6. Communication of current awareness to different user groups as per the requirement and also through 'MODLIB' Monthly Library E-Bulletin and Library Website <http://library.moderncollegepune.edu.in:8001/>.
7. Information literacy programs are conducted at the beginning of the academic year with a general presentation and periodically for post graduate students in online and offline manner.
8. Online and Offline Library Induction programme for UG and PG students.
9. The New Arrivals List of Books is displayed on College Library Website as well in the New Arrivals Section of the Library and Information Centre.
10. Suggestion box is made available in the Library. Also, the library users can mail their suggestions to Librarian through E-mail.
11. The library website is regularly updated.
12. Scanning of Rare Books available in the Library for preservation purpose.
13. The library has Meditation Point in Reading Hall wherein College Staff and Students can meditate for a stress free life.
14. The library conducts book exhibitions, book displays on several occasions.
15. Yearly Administrative and Academic Audit (AAA).

16. Birth Anniversaries, Death Anniversaries and Important days are celebrated as per the Government of Maharashtra Guidelines.
17. MCASC Library and Information Centre has printed brochure providing various details about the library.
18. Subject Gateway created by the Library and Information Centre.
19. Google Scholar Profile of the Modern College, Pune-5 created by the Library and Information Centre.
20. Separate Computer Training Centre for the Visually Impaired students of the college in association with the Poona Blind Men's Association and financially supported by Bajaj Finance Pvt. Ltd.
21. Angle Player Devices and Braille Books available in the Library for the Visually Impaired students.

7.4 Contribution to environmental awareness / protection

- Most of the document related work is done electronically which helps to save paper.

7.6 SWOC Analysis of the Department

a. Strength:

- Good and enthusiastic team.
- Automated Library and Information Centre.
- Institutional Repository and Digital Section of the Library providing access to subscribed and free e-resources.
- Provide required services to students. (e.g. Internet, Access to subscribed databases like NLIST, DELNET etc).
- Good collection of knowledge resources.
- Good quality racks and furniture.
- Library staff is supportive and ready to adopt and learn new techniques. e.g. Automation.
- Yearly Academic and Administrative Audit (AAA)
- Library orientation programmes are organized frequently.
- Application of ICT for providing library services.
- Quick response to the student queries related to Library.

b. Weakness:

- Lack of space

c. Opportunities:

- To increase library space in future

d. Challenges:

- Digitize books (selective)

8. Plans of Department for next year

- Digitize rare books
- Train the students and staff in using e-resources.
- Implementation of RFID Technology.

During the Academic Year 2023-24, the College Library and Information Centre hosted many events, observed Maharashtra's government-designated days, and provided library services both offline and online. KOHA Integrated Library Management Software, which is widely used by libraries worldwide and boasts sophisticated capabilities, is utilised to automate the College Library. The College Library Website has been built by the library through the use of KOHA, which also offers the WebOPAC feature. The yearly report is as follows:

A) Library Collection

In the Academic Year 2023-24, the library purchased 1177 new books. The bifurcation is as follows:

- Senior College (Grantable): 720
- Senior College (Non-Grantable): 76
- Junior College: 11
- Books received in Gratis: 370

The library is thankful to the following academicians, teachers and publishers for donating books to the College Library:

- 1) Prof. Dr. Gajanan Ekbote, Chairman, Progressive Education Society, Pune-5.
- 2) Prof. Shamkant Deshmukh, Secretary, P.E.Society; Vice-Principal and Head, Department of Computer Science, MCASC, Pune-5.
- 3) Dr. P.G.Dixit, Deputy Secretary, P.E.Society, Pune-5.
- 4) Dr. Rajendra Zunjarrao, Principal, MCASC, Pune-5.
- 5) Dr. Anjali Sardesai, Vice Principal and IQAC Coordinator, Head, Department of Animation, MCASC, Pune-5.
- 6) Dr. Shantashree Sengupta, Librarian, MCASC, Pune-5.
- 7) Dr. Babasaheb Ambedkar Shikshak va Shikshakettar Sanghatna, Modern College, Pune.
- 8) Dr. Vijayantimala Jadhav, Department of Marathi, MCASC, Pune-5.
- 9) Prof. Dr. Sulbha Deuskar, Ex-Faculty Member, Department of Electronic Science, MCASC, Pune-5.
- 10) Sochna evam Jalsampark Vibhag, Hazratganj, Lucknow, Uttar Pradesh.
- 11) Dr. Ujjwala Gokhale, Pune.
- 12) Department of Chemistry, MCASC, Pune-5.
- 13) Drishtiheen Kalyan Sangh, Pune.
- 14) Chaya Patil, Bhagwa Publication, Pune.
- 15) Rotary Club, Shivajinagar, Pune.
- 16) Dr. Pushkar Lele, Head, Department of Performing Arts, MCASC, Pune-5.
- 17) Dr. M.C.Kharkwal, Pune-60.
- 18) Dr. Amrita Priyam, Department of Economics, MCASC, Pune-5.
- 19) Mrs. Anuradha Wagh, Pune.
- 20) Aryans Group, Pune.
- 21) Department of Hindi, MCASC, Pune-5.
- 22) Department of Computer Science, MCASC, Pune-5.
- 23) Department of Biotechnology, MCASC, Pune-5.
- 24) Mr. Amit Salunke, Clerk, MCASC, Pune-5.
- 25) Dr. Supriya Sahasrabuddhe, Department of English, Modern College, Ganeshkhind, Pune-16.

The following students also donated books to the College Library:

- 1) Rohit Zore, XIIth Commerce 2023-24.
- 2) Gayatri Santosh Burangule, TYBA Psychology 2020-21.
- 3) Ashutosh Bhise, TYBA 2023-24.

B) Special Events of the Library and Information Centre-

i) Pune Pustak Parikrama: 07.03.2024

As an initiative of Progressive Education Society's Hon'ble Chairman Prof. Dr. G. R. Ekbote Sir, Secretary Prof. Shamkant Deshmukh Sir, Joint Secretary Prof. Dr. Jyotsna Ekbote Madam, Deputy Secretary Prof. Dr. Nivedita Ekbote Madam, Principal Dr. Rajendra Zunjarrao Sir, on 7.3.2024, the Library and Information Centre of the Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 invited the Mobile Library Bus of the 'Pune Pustak Parikrama' (पुणे पुस्तक परिक्रमा).

The 'Pune Pustak Parikrama' was inaugurated on 27.2.2024 on the occasion of Marathi Bhasha Gaurav Din in the Savitribai Phule Pune University, Pune. The Mobile Library Bus is in joint collaboration with the Ministry of Education, Govt. of India ; National Book Trust, New Delhi and the Pune Book Festival, with a noble objective to promote reading and writing culture.

The Book Sale and Exhibition was inaugurated by Respected Principal Dr. R. S. Zunjarrao Sir in presence of Secretary, P. E. Society and Vice-Principal Prof. Shamkant Deshmukh Sir. The exhibition received overwhelming response from teaching, non-teaching faculty members and students.

ii) Online Awareness and Training Session on 'Drillbit- Online Plagiarism Detection Software': 20.02.2024

On 20.02.2024, the Library and Information Centre of Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 organised Online Awareness and Training Session on 'Drillbit- Online Plagiarism Detection

Software'. Drillbit is one of the leading Plagiarism Detection Software which is recommended by UGC, INFLIBNET and SPPU, Pune. It has wide acceptance and larger content coverage of more than 100 regional and foreign languages including Marathi, Hindi, German etc. We are thankful to Dr. Nikita Vanzari, Balani Infotech for the excellent presentation of the unique features and for solving the queries of the attendees. The online session was attended by Principals, Teaching Faculty Members, PG Students and Ph.D Research Scholars of several colleges and institutions under the aegis of Progressive Education Society Pune.

iii) Visit of Students of Rajarshi Shahu Maharaj English Medium Secondary School, Pune: 28.12.2023

On 28.12.2023, the 10th Std. students of Rajarshi Shahu Maharaj English Medium Secondary School, Mundhwa, Pune-36 (A Joint Venture between Pune Municipal Corporation and iTeach Schools, supported by Eaton India Foundation) visited our Library & Information Centre as a part of their College Visit. The students also visited the Science Laboratories. It was nice to interact with the students for almost an hour. Their overwhelming response, excitement to see and learn about the Automated Library Services, Library Collection, Two-storeyed Reading Halls, Rare Books, Repository, Functioning of Library, Types of Reference Sources, Journals, Different sizes of Books, Atlases, Braille Books urge to go through the books on varied topics including English Literature especially Books written by William Shakespeare, Defence Services, Competitive Examinations, Art, Music, Space Technology, Architecture....was great. We explained the various sections of the library including the Section for Visually Impaired students. The school students and staff interacted with all my library staff members. The students were overwhelmed to see the library collection. Some of them started reading the books by sitting in between the stacking area. The 57 students were accompanied by 03 teachers. Such kind of library visits are very much required for the school students as it inculcates their interest in reading by seeing a variety of books and journals.

iv) Library Visit of Students of Department of Hindi : 30.12.2023

On 30.12.2023, the Department of Hindi, arranged a visit of the students of FYBA Hindi Major (1st Batch of NEP), SYBA and TYBA Hindi Special and M. A. Hindi Part-2 accompanied by Dr. Prerana Ubale, Head of the Department ; Dr. Mumtaz ; Prof. Sarika and Prof. Birajdar. In the 1 hour Library Visit, the students were given a detailed demonstration of OPAC, WebOPAC, Library Collection of Hindi Language and Literature, Research Journals of Hindi, Digital Resources, Institutional Repository, E-Bulletin, Dictionaries of Hindi, Author Special collections etc. Dr. Prerana Ubale also explained the students regarding usage of the research journals and reference books. We had an excellent interactive session with the staff and students.

Mr. Amit Salunke, Clerk, Library donated a book on 'Premchand' to Dr. Prerana Ubale with a Bookmark made by him.

Such departmental visits of students accompanied by teachers, prove to be very helpful in giving a clear insight to the library resources on a particular subject.

v) Shantata Punekar Vaachat Aahet : 14.12.2023

❏❏❏ ❏❏❏ ❏❏❏❏❏.. Exceptional event under the Pune Book Festival to promote Book Reading Culture Progressive Education Society's Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 under the guidance of P.E.Society Chairman Hon'ble Prof. Dr. Gajanan Ekbote Sir; Secretary Prof. Shamkant Deshmukh Sir ; Joint Secretary and CDC Chairperson Prof. Dr. Jyotsna Ekbote Madam ; Deputy Secretary Prof. Dr. Nivedita Ekbote Madam and Principal Dr. Rajendra Zunjarrao observed the ❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏❏.. session in which the college students and staff participated with great enthusiasm. This is one of the events under the Pune Book Festival which is coordinated by Hon'ble Shri. Rajesh Pande. The Book Reading Session witnessed the presence of Shri. Yuvraj Malik, Director, National Book Trust, New Delhi ; Dr. Sanjay Chakne, Principal, T.J.College, Khadki; Prof. Bageshri Manthalkar Madam, Management Council Member, SPPU. Shri. Yuvraj Malik delivered a thought provoking, motivational speech on the importance of books and reading.

We were fortunate to have Shri. Yuvraj Malik for a visit to our Library and Information Centre. He appreciated the Book Stacking, Periodicals Section, Services provided for the users, overall arrangement and Library Automation.

vi) Display of Recent Publications in the Library: 21.10.2023

A display of new books published in 2023-24, was organised by the library on 21st Oct. 2023. It was inaugurated by Principal Dr. R. S. Zunjarrao. Prof. S. S. Deshmukh, Dr. Amruta Oke, Dr. Anjali Sardesai, Dr. Vijay Gaikwad, Prof. S. S. Thengadi and many teaching and non-teaching faculty members were present during the exhibition.

vii) Library Visit of First Year NEP Students

In order to inculcate reading habits among the First Year Undergraduate students, under the guidance of Principal Dr. R.S.Zunjarrao Sir, the Library and Information Centre started the Library Visit Activity for the First Year NEP Students. Under the Library Activity, the students were introduced to a varied library collection of books and journals, rules and regulations of the library, digital library section, institutional repository, rare books, subscribed databases etc. The following classes visited the library accompanied with their teachers:

F.Y.B.A Psychology Major: 22.02.2024 and 01.03.2024

F.Y.B.A Economics Major (Marathi Medium): 26.02.2024

F.Y.B.A Economics Major (English Medium): 27.02.2024

M.A. Part-1 Economics: 28.02.2024

F.Y.B.Sc Botany Students: 12.03.2024

viii) Visit of TYBA Marathi Internship Students: 05th and 06th March 2024.

The Department of Marathi in association with the Library and Information Centre provided Internship to the TYBA Marathi students as mentioned in the syllabi. The TYBA Marathi students prepared bibliography of Marathi books on topics assigned to them by the teachers.

D) 'MODLIB' Library E-Bulletin:

The Library and Information Centre published monthly E-bulletins of 'MODLIB' and all the issues are accessible through the Institutional Repository.

E) Seminars/Webinars/ Workshops/Events attended by Library Staff:

1) Dr. Shantashree Sengupta, Librarian:

- 13th to 26th March 2024: Attended One Week Faculty Development Programme on NEP-2020 Orientation and Sensitization under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC organised by UGC-Malaviya Mission Teacher Training Centre, SPPU, Pune-7.
- 26.03.2024: Attended DELNET Annual Lecture on "Navigating Challenges: Public Libraries and the New Manifesto Toolkit for Professionals".
- 07.03.2024: Attended DELNET-IIT Delhi Webinar on 'CORAL: An Open Source Electronic Resource Management System'.
- 06.01.2024: Participated in the Regional Workshop on 'Transforming and Empowering Libraries, LIS Professionals and Users: Emerging Trends' organised by DELNET, New Delhi in collaboration with COEP Technological University, Pune and Yashaswi Education Society's International Institute of Management Science, Pune.
- 16th to 24th December 2023: Participated in the Pune Book Festival held at Fergusson College Grounds organised by the Ministry of Culture, New Delhi; National Book Trust of India, New Delhi; Pune Municipal Corporation, Pune and SPPU, Pune-7.
- 20.12.2023: Participated in Online Webinar on 'Google Looker Studio for Librarians' organised by Gopan's Academy.
- 23.10.2023: Participated in One Day State Level Conference on 'Women Empowerment' organised by Ministry of Higher & Technical Education, Government of Maharashtra and SPPU, Pune-7.

2) Mrs. Sarika Sable, Clerk-Library attended the following workshops:

- 06.01.2024: Participated in the Regional Workshop on 'Transforming and Empowering Libraries, LIS Professionals and Users: Emerging Trends' organised by DELNET, New Delhi in collaboration with COEP Technological University, Pune and Yashaswi Education Society's International Institute of Management Science, Pune.

H) Visitors in the Library and Information Centre:

- 1) 24.01.2024: Dr. Nitin Gaikwad, Department of Hindi, SPPU, Pune-7.

- 2) 28.12.2023: Mahashweta Mukherjee, Principal, i-Teach Schools, i-Teach RSM, Mundhwa.
- 3) 21.12.2023: Manoj Deshpande, Pune.
- 4) 12.08.2023: Mr. Latpate Dinkar Shankarrao, Library and Information Assistant, CWPRS, Pune.

K) Events organised by the library in 2023-24 as per Government of Maharashtra Government Resolution:

- Mahatma Jyotiba Phule Jayanti: 11th April 2023.
- Dr. Babasaheb Ambedkar Jayanti: 14th April 2023.
- Mahatma Basweshwar Jayanti: 22nd April 2023.
- Rashtrasant Tukdoji Maharaj Jayanti: 30th April 2023.
- Sambhaji Maharaj Jayanti: 14th May 2023.
- Dahshatvaad va Hinsachar Virodhi Diwas : 21st May 2023
- Maharana Pratap Jayanti : 22nd May 2023.
- Swatantrayveer Savarkar Jayanti : 28th May 2023.
- Ahilyadevi Holkar Jayanti : 31st May 2023.
- Shivswarajya Din: 06th June 2023.
- Rajarshi Shahu Maharaj Jayanti : 26th June 2023.
- Vasantao Naik Jayanti : 1st July 2023.
- Lokmanya Bal Gangadhar Tilak Jayanti : 23rd July 2023.
- Sahityaratna Annabhau Sathe Jayanti : 01st August 2023.
- Krantisingh Nana Patil Jayanti : 3rd August 2023.
- Sadbhavna Diwas : 20th August 2023.
- Raje Umaji Naik Jayanti : 07th September 2023.
- Keshav Sitaram alias Prabodhankar Thackeray Jayanti: 17th September 2023.
- Pandit Deendayal Upadhyay Jayanti : 25th September 2023.
- Mahatma Gandhi Jayanti : 02nd October 2023.
- Lal Bahadur Shastri Jayanti : 02nd October 2023.
- Dr. A.P.J Abdul Kalam Jayanti : 15th October 2023.
- Maharshi Valmiki Jayanti : 28th October 2022.
- Indira Gandhi Punyatithi and Rashtriya Sankalp Diwas : 31st October 2023.
- Vallabhbhai Patel Jayanti and Rashtriya Ekta Diwas : 31st October 2023.
- Pandit Nehru Jayanti : 14th November 2023.
- Birsa Munda Jayanti : 15th November 2023.
- Indira Gandhi Jayanti and Rashtriya Ekatmata Din : 19th November 2023.
- Sanvidhan Diwas : 26th November 2023.
- Sant Santaji Jagnade Maharaj Jayanti : 08th December 2023.
- Atal Bihari Vajpayee Jayanti: 25th December 2023.
- Veer Bal Diwas: 26th December 2023.
- Dr. Bhausaheb alias Panjabrao Deshmukh Jayanti: 27th December 2023.
- Savitribai Phule Jayanti : 03rd January 2024.
- Rajmata Jijau and Swami Vivekanand Jayanti : 12th January 2024.
- Netaji Subhash Chandra Bose Jayanti and Balasaheb Thackeray: 23rd January 2024.
- Sant Sevalal Maharaj Jayanti: 15th February 2024.
- Chhatrapati Shivaji Maharaj Jayanti : 19th February 2024.
- Balshastri Jambhekar Jayanti: 20th February 2024.
- Sant Gadge Baba Jayanti and: 23rd February 2024.
- Sant Ravidas Maharaj Jayanti: 05th February 2024.
- Yashwantrao Chavan Jayanti : 12th March 2024.
- Shaheed Din : 23rd March 2024.

- Dr. Shantashree Sengupta

Librarian, Library and Information Centre

Fashion Technology

PART A

DIQAC Composition and Activities

For the departments having **more than 3** staff members:

Department Name: Fashion Technology

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1	Prof. Manasi Thakur	HoD and Chairperson of DIQAC	9890529299	hodfashtech@moderncollegepune.edu.in
2	Prof. Netra Todkar	Member 1	9604058106	todkarfashtech@moderncollegepune.edu.in
3	Prof. Mansi Nagarkar	Member2	8554922094	mansinagarkar5@gmail.com
4	Ms. Varsha Waikar	Member 3	9511254903	varsha.waikar1992@gmail.com
5	Ms. Nikita Natekar	Member 4	9049489303	nikitanatekar0@gmail.com
6	Prof. Anusha Kurutkar	Member 5	9028104479	anushakurutkar@gmail.com
7	Prof. Dnyaneshware Shinde	Member 6	9673366904	dnyaneshwareeshinde73@gmail.com

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students

Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes:

- Tie and dye (Bandhani)
- Creative Pattern Making
- Fashion Styling
- Product Development: Dairy Pen Pouch, Sanitary Napkin Holder

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

Departmental Activities and Events: 2023-24

Department organized the following events, visits and competitions in academic year 2023-24

1. Texture Making Competition: A texture making competition aims to encourage creativity and skills in creating unique textures, which are essential in various fields like art, design, fashion, and more. The objectives of such a competition include:

- Encourage creativity and innovation in texture design.
- Develop skills in texture creation, manipulation, and application.
- Showcase individual style and artistic expression.
- Foster experimentation with different materials, techniques, and tools.
- Promote understanding of texture's role in visual arts, design, and fashion.
- Provide a platform for artists, designers, and students to showcase their work.
- Inspire new ideas and approaches in texture making.
- Encourage collaboration and knowledge sharing among participants.

Students of FY B. Voc (FT & AD) participated in this competition which was held on 3 January 2024 at the Department.

2. Block Printing Competition:

Students develop their skills, showcase their creativity, and gain confidence in their artistic expression. The objectives this competition was:

- Develop proficiency in block printing techniques and processes.
- Encourage experimentation with design, color, and composition.
- Foster creativity and originality in print design.
- Showcase students' understanding of texture, pattern, and visual storytelling.
- Develop critical thinking and problem-solving skills in design.
- Encourage sustainable design practices using traditional printing methods.
- Provide a platform for students to showcase their work and receive feedback.

Students of SY B. Voc (FT & AD) participated in this competition which was held on 3 January 2024 at the Department.

3. Paper Draping Competition:

The aim of paper draping competition is to create three-dimensional garments from two-dimensional patterns. The students learn:

- Encourage creativity and innovation in garment design and silhouette creation.
- Showcase understanding of proportion, balance, and aesthetics in garment design.
- Foster skills in manipulating paper to mimic fabric behavior.
- Develop problem-solving abilities in translating 2D patterns to 3D garments.
- Encourage experimentation with different silhouettes, textures, and styles.
- Promote sustainable design practices by using paper as a medium.

Students of FY B. Voc (FT & AD) participated in this competition which was held on 6 January 2024 at the Department.

4. Non Scholastic Daily Activities for Students Self Development:

- Daily 20 minutes of reading and neat writing through various inspiring stories in English and Marathi. Objective of this activity is to improve students' handwriting and vocabulary.
- PowerPoint Presentations for training public speaking skills, self study, eye to eye contact while speaking and convincing ability.

5. Field Visits:

Students of TY B. Voc (FT & AD) visited Hills, historical monuments and museums around Pune.

Field visits play a crucial role in the education of design students by providing them with practical exposure and real-world context. These visits aimed at increasing observation skills, drawing inspiration and learning to appreciate aesthetics of art. It provides opportunities to gain practical experience, broaden their perspectives, and develop essential skills that will prepare them for successful careers in design.

Places like Shinde Chatri, Pataleshwar Temple, Shaniwar Wada, Pune University, Raja Kelkar Museum, Parvati, Iskon Temple, ARAI Hill, etc were visited in August- September- October 2023.

6. Market Visits:

Fabric market visits are essential pre-show activities that empower designers to make informed decisions about materials, stay on top of trends, establish supplier relationships, and ultimately create successful and impactful fashion collections. Markets in Pune, Mumbai and Surat were visited by students.

7. Vyapar Mela:

Vyapar Mela 2023-24, a commercial get together was organized by P.E.S. Modern College of Arts, Science, & Commerce (Autonomous), Shivajinagar Pune-5 on 23 rd & 24th January, 2024.

This activity was funded under Entrepreneurship Skill Development Program by Savitribai Phule Pune University. The objective of this event is to inculcate entrepreneurial skills among college students. Vyapar Mela is an excellent opportunity provided to the students to learn how to start a business in minimum capital and selecting and presenting products according to customer demands. Good profit in minimum capital was achieved, which increased the student's confidence. From this event students learned that coordination and marketing strategies are the key to run a successful business. Students had a very polite and welcoming attitude which helped them to maximize their sales. 83 stalls with different varieties of products were arranged

at the Vyapar Mela. Different services were showcased for the presentation and sale by the students. Few titles of the stalls included:

- Homemade food items
- Intelligent Brain Games
- Body care products
- Mobile accessories
- Garments
- Fashion accessories
- Gift Articles
- Paintings.

The event was inaugurated by Vice Principal Dr. S. S. Deshmukh. He guided the students about How one can develop administrative approach; he also congratulated and encouraged the students.

The event was attended by Vice Principals, Heads of Departments, Teachers, Staff and Students of our college. Participation of all these members made the event successful. Principal Dr. R.S. Zunjarrao felicitated the budding entrepreneurs.

The event was managed by Prof. Manasi Thakur (Chairperson, Entrepreneurship Development Cell), Dr. Anjali Sardesai (Vice Chairperson, ED Cell), Dr. Shubhangi Puranik (Co-ordinator), Prof. Netra Todkar, Prof. Varsha Waikar, Prof. Nikita Natekar, Prof. Anusha Kurutkar, Prof. Dnyaneshwaree Shinde. Vyapar Mela 2023-24 received an overwhelming response.

8. Annual Fashion Show: DARPAN 2024 (16 Feb 2024)

Fashion shows are a platform to showcase student's talent in varied dimensions. More than forty students participated in the show which showcased around 130 garments – designed and stitched by the students themselves. The garments were designed on 10 distinct themes. Students gained experience on how Fashion Collections get created by in-depth research, working around a given theme, selecting the garment pattern, style, its accessories and the way it needs to be presented. We were fortunate to have an expert jury panel composed of academicians and professionals from the garment industry.

9. Incubation Center Activities: (16 January 2024)

- Two products launched: Dairy pouch and Sanitary Napkin Folder.
- Kids wear Design and Production: 22 kids garments (Age 6 months to 2 years) were designed and stitched as customized order.
- 153 Curtains for main building classrooms were constructed in the Incubation center. Fabric approvals, fabric purchase, cutting and construction was executed in a short period of 10 days.
- Bespoke order for Art Circle- Firodiya Karandak was also executed under the incubation center.

10. Collaborative Activity with Force Motors and Thinksharp Foundation. (20 April 2024)

- Short term skill development course for workers of Force Motors under mentorship of teachers. This collaboration offers paid internships for our students.

11. Acharya Chanakya Kaushalya Vikas Kendra (State Government Initiative)

- The Department of Fashion Technology has been approved as a Skill Training Center for two short term courses: Self employed Tailor and Hand Embroider respectively.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Outcome Achieved
Organise Various skill oriented departmental competitions and workshops	• Develop thought process and idea execution • Exploration of various materials and its utility. • Enhance writing skill through presenting the project.

Departmental Incubation Center	- Started on 16th January 2024. - Launch, production and sale of 2 products - Kids wear Collection development and sale.
Organize hands on modules for Garment Construction (Stitching)	- Bespoke pattern making. - Various construction techniques as per the pattern. - Value addition embellishments
Organize Visits to museums and handicraft exhibitions.	- Awareness about traditional skills - Creating livelihood through acquired skill. - Planning and product development - Customer handling
Power point Presentation from students on various topics	- In-depth knowledge about the selected topic. - Confidence in body posture, eye to eye contact, volume and tonal difference in voice. - Appropriate dressing sense for presentation.
Topic wise individual presentations.	- Increased communication confidence - Increased command in language - Improved presentation and observation skills.

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG		01	01	-
UG	01	-	01	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	01	-	01	-
Certificate	-	-	-	-
Others	-	-	-	-
Total				
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.1.2 Number of Programmes where syllabus revision was carried out during the year

1	B. Voc (Fashion Technology & Apparel Designing)
2	M. Voc (Fashion Technology & Apparel Designing)

– 1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1	B. Voc (Fashion Technology & Apparel Designing)
2	M. Voc (Fashion Technology & Apparel Designing)
3	Community College Diploma in Dress Designing & Tailoring

1.2.1 - Number of new courses introduced across all programmes offered during the year

1	B. Voc (Fashion Technology & Apparel Designing) Hindi, Marathi, English Communication Skills, Organic Farming

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

25

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Internship	38

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
06	06	25	02	02	02

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	0	0	0	0	0

2.2 No. of permanent faculty with Ph.D.

0

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
02		0	0	0	0	0	0	0	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	01	-	-
Presented papers	01	-	-
Resource Persons	-	-	-

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Practical hands on Assignment based learning.

2.9 No. of faculty members involved in curriculum Restructuring / revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
01	Prof. Manasi Thakur	Chairperson Board of Study	6 March 2023 16 May 2024
02	Prof. Netra Todkar	Member Board of studies	
03	Prof. Varsha Waikar	Faculty	
04	Prof. Nikita Natekar	Faculty	
05	Prof. Anusha Kurutkar	Faculty	
06	Ms. Dyaneshwaree Shinde	Faculty	

2.10 Average percentage of attendance of students

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

2.13 Initiatives undertaken towards faculty development by the department

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	06 (IKS, Research project Training)
Summer / Winter schools, Workshops, etc.	02 (Navari Stitching, Aari Zardosi work)
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	0	0	0	0
Technical Staff	0	0	0	0

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards

3.3.2 Ph. Ds awarded during the year

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

Students of TY B. Voc carry out a research and develop thesis under subject: Art and Craft Research & Documentation. (Photo attached as Annexure)

3.2 Details regarding major projects

3.3 Details regarding minor projects

3.4 Details on research publications in current academic year

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

3.7 No. of books published	i) With ISBN No.	Chapters in Edited Books

ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. Of conferences organized by the Department

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. Of patents received this year

3.17 No. Of research awards/ recognitions received by faculty and research fellows
Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year.

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	25 + 2 (Laptops + Computers)	0	1	2	0	0	-	-	-
Added	0	0	0	0	0	0	0	-	-
Total	27	0	1	2	0	0	0	-	-

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

- Organizing workshops and seminars.
- Creating informational materials.
- Collaborating with student
- Facilitating access to counseling and academic resources.

5.2 Efforts made by the Department for tracking the progression

- Personal Communication and counselling with students.
- Communication with industries they intern/ work with and get feedback with a view of incorporating suggestions to add value to student personality development, curriculum and teaching techniques.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
104	6	0	6

(b) No. of students outside the state

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

Please provide the list of students, Gender, class, category as annexure 0

Men

No	%
-	
No	%
-	

Women

5.2.1 - Number of outgoing students who got placement during the year

Name of student placed with his/her contact details	Programme completed	Name of the employer with contact details	Pay package at the time of appointment
Athrava Gurram 8482914667	TY B. Voc (FT & AD)	Aabandh Arts,Kothrud, Pune 7841810578	Not yet discussed. (As Internship followed to placement.)
Gauri Jagdale 7066919479	TY B. Voc (FT & AD)	Fashion Threads, Baner, Pune 9881256902	1.8 k pa
Neha Ingale 7249384150	TY B. Voc (FT & AD)	Rivaz Boutique, Kothrud, Pune 7350644141	1k pa
Sanjana Mustud 9356581510	TY B. Voc (FT & AD)	Cotton Village, Laxmi Road, Pune 9763125381	1K (internship followed by placement)
Vaishnavi Lokhande 9322578062	TY B. Voc (FT & AD)	Asmita Projects, Pabal, Pune 8605402740	1.8 k pa
Komal Birangal 9309496706	TY B. Voc (FT & AD)	Shoppers Stop 8956950698(HR)	1.7k pa
Shreya Kharmate 9765842572	TY B. Voc (FT & AD)	Crefa Boutique, Kothrud Pune 9689362692	Package not discussed
Rutuja Nalawade 7058177679	TY B. Voc (FT & AD)	Crefa Boutique, Kothrud Pune 9689362692	Package not discussed
Vedashree Borkar 9325633840	TY B. Voc (FT & AD)	Rasika Fashionn & Creation Buldhana (Family Business)	1CR. Yearly turnover
Avantika Shete 8847784296	TY B. Voc (FT & AD)	Prime Industrial Service (Levis, SB Road, Pune) 022 2825 8119	2.5k pa
On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
-	-	-	20

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template) 0

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance: NA

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

1. Soft Skills
2. Language and Communication Skills
3. Life Skills (Yoga, Physical fitness, Health and Hygiene)
4. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

- Consideration of suggestions suggested by Industrial Partners.
- Addition of more hands on training modules.

6.3.2 Teaching and Learning

- One to one mentoring

6.3.3 Examination and Evaluation

- Revisions lectures
- Remedial modules

6.3.4 Research and Development

- Thesis
- Product development

6.3.5 Library, ICT and physical infrastructure / instrumentation

No additions done

6.3.6 Human Resource Management

Not applicable

6.3.7 Faculty and Staff recruitment

Two teaching staff recruited on temporary basis (11 Months)

6.3.8 Industry Interaction / Collaboration

- Interaction: 3 Garment Industry officials invited as guests for Graduation Project: Annual Fashion Show- Darpan 2024

6.3.9 Admission of Students

- Admission Counselling done by teaching staff.
- Admission Procedure- form filling, payments, etc done at the department by teaching staff.

6.11 Activities and support from the Alumni Association

No activities

6.12 Activities and support from the Parent – Teacher Association

No activities

6.13 Development programmes for support staff

No activities

6.14 Initiatives taken by the institution to make the campus eco-friendly:

- Teaching sustainable Fashion concepts.

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department:

- 100% lectures conducted.
- Personal mentoring
- Extra Practical based Modules (apart from syllabus)
- Paying keen attention towards personality and character building.
- Teaching ethical practices.
- Nature walks to connect them with nature.
- Visits to Historical Monuments and Museums to create awareness about their importance and draw inspiration.
- Open to air sessions once a week to optimise their ideas and creativity.
- Public speaking skill, leadership development of students done through PowerPoint presentations.
- Vacation Projects: Task of earning certain amount using the skills taught during vacation. They learn risk Management through this task.
- Every year students are involved in departmental aesthetic revival.
- Regular Communication with various industry personals and academicians.

7.4 Contribution to environmental awareness / protection

- Session to create awareness about textile waste management.
- Nature walks to connect them with nature.
- Develop Sustainable eco friendly articles

7.6 SWOC Analysis of the Department

1. Strengths:

- Incubation Center
- Skill based programme, that helps students earn livelihood.
- Qualified and devoted staff.
- Student's maximum attendance is appreciable.
- Student's practical skills are developed and polished very well, this boosts their confidence for working in the industry.
- Students are capable of working at various positions like designer, production supervisor, merchandisers, teacher, embroiderer, master, and tailor.
- Department is capable of executing mass production.

2. Weakness:

- No dedicated class rooms for Theory courses
- Number of labs are insufficient.
- More skill based expert lectures should be scheduled.

3. Opportunities:

- Department is capable of executing mass production.
- Placement opportunities in fashion and production industry.

4. Challenges:

- To become well known for imparting quality fashion education.
- Aggressive Marketing

8. Plans of Department for next year

- Start of Archarya Chanakya Kaushalya Vikas Kendra.
- Focus on increasing Incubation activities so as to benefit the current and pass out students.
- Update Infrastructure
- Purchase of new machineries.
- Organise State Level Conference/Workshop.
- Increase number of MoU

Name 1: Prof. Manasi Thakur

Prof. Netra Todkar

Prof. Varsha Waikar

Prof. Nikita Natekar

Prof. Anusha Kurutkar

Ms. Dnyaneshwaree Shinde.

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

Annexures

2.15 Academic Calendar

Sr. No	Year	Commencement Odd Semester	Conclusion	Commencement Even Semester	Conclusion
1	SY, TY B. Voc (FT & AD)	20 June 2023	30/10/2024	5 December 2024	30 April 2023
2	FY B. Voc (FT & AD)	20 July 2023	30/10/2024	15 November	30 April 2023

Part – B

Criterion – I

2.5 Paper Presentation Certificate



Part – B

Criterion – III

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution.

(Art and Craft Research and Documentation: Thesis)





Part – B

Criterion – III

5.3 List of students out of Maharashtra

Sr. no	Student Name	Gender	Class	Category
1	Vaishnavi Jadhav	Female	TY B. Voc (FT & AD)	General
2	Amaya Anand	Female	SY B. Voc (FT & AD)	General
3	Devyani Desai	Female	FY B. Voc (FT & AD)	General
4	Archita Sharma	Female	FY B. Voc (FT & AD)	General
5	Sneha Salotra	Female	FY B. Voc (FT & AD)	General
6	Roshan Singh	Male	FY B. Voc (FT & AD)	General

Bachelors in Vocation (B. Voc Fashion Technology & Apparel Designing)

The B. Voc (**Bachelors in Vocation**) course has reached the nooks and corners of Maharashtra. These education programs give students much needed confidence to build their career for self reliance and economic growth. Vocation education in Fashion Technology & Apparel Designing is effective for livelihood development for our students. The new education policy talks about the same. The government has implemented this policy of merging the formal and non formal education by way of NSQF levels (National Skill Qualification Framework). Keeping in mind the same, the Fashion Technology Department has signed MoUs with various fashion and design industries.

We have successfully completed four batches of B. Voc in A.Y. 2023-24. Every passed student is working at various positions in the Fashion industry and are earning well. The practical and industry oriented curriculum has resulted in generating an earning source for every student.

M. Voc (Fashion Technology & Apparel Designing)

Two years full time Masters in Vocation- Fashion Technology & Apparel Designing first batch started in A.Y. 2023-24.

Departmental Achievement:

Syllabus: Department successfully completed 100% syllabus and also organized extra skill based modules and remedial classes.

100% internship: all students of TY B. Voc (FT & AD) successfully completed internships in various garment companies / Fashion Chain stores / Design Houses / Boutique, etc. in March-April 2024.

Incubation Center: Modern business Incubation Center was started on National Startup day 16th January 2024. Many skill based livelihood generation activities are conducted by this center.

Acharya Chanakya Kaushalya Vikas Kendra: Our department has been approved as Acharya Chanakya Kaushalya Vikas Kendra by Government of Maharashtra. Two short term skill courses – Self employed Tailor and Hand Embroider respectively will be started in June under this scheme. This course will be funded after completion of the batch.

Departmental Activities and Events:

Department organized the following events, visits and competitions in academic year 2023-24

1. **Texture Making Competition:** A texture making competition aims to encourage creativity and skills in creating unique textures, which are essential in various fields like art, design, fashion, and more. The objectives of such a competition include:

- Encourage creativity and innovation in texture design.
- Develop skills in texture creation, manipulation, and application.
- Showcase individual style and artistic expression.
- Foster experimentation with different materials, techniques, and tools.
- Promote understanding of texture's role in visual arts, design, and fashion.
- Provide a platform for artists, designers, and students to showcase their work.
- Inspire new ideas and approaches in texture making.
- Encourage collaboration and knowledge sharing among participants.

Students of FY B. Voc (FT & AD) participated in this competition which was held on 3 January 2024 at the Department.

2. **Block Printing Competition:**

Students develop their skills, showcase their creativity, and gain confidence in their artistic expression. The objectives this competition was:

- Develop proficiency in block printing techniques and processes.
- Encourage experimentation with design, color, and composition.
- Foster creativity and originality in print design.
- Showcase students' understanding of texture, pattern, and visual storytelling.
- Develop critical thinking and problem-solving skills in design.
- Encourage sustainable design practices using traditional printing methods.
- Provide a platform for students to showcase their work and receive feedback.

Students of SY B. Voc (FT & AD) participated in this competition which was held on 3 January 2024 at the Department.

3. **Paper Draping Competition:**

The aim of paper draping competition is to create three-dimensional garments from two-dimensional patterns. The students learn:

- Encourage creativity and innovation in garment design and silhouette creation.
- Showcase understanding of proportion, balance, and aesthetics in garment design.
- Foster skills in manipulating paper to mimic fabric behavior.
- Develop problem-solving abilities in translating 2D patterns to 3D garments.
- Encourage experimentation with different silhouettes, textures, and styles.
- Promote sustainable design practices by using paper as a medium.

Students of FY B. Voc (FT & AD) participated in this competition which was held on 6 January 2024 at the Department.

4. **Non Scholastic Daily Activities for Students Self Development:**

- Daily 20 minutes of reading and neat writing through various inspiring stories in English and Marathi. Objective of this activity is to improve students' handwriting and vocabulary.
- Power Point Presentations for training public speaking skills, self study, eye contact while speaking and convincing ability.

5. **Field Visits:**

Students of TY B. Voc (FT & AD) visited Hills, historical monuments and museums around Pune.

Field visits play a crucial role in the education of design students by providing them with practical exposure and real-world context. These visits aimed at increasing observation skills, drawing inspiration and learning to appreciate the aesthetics of art. It provides opportunities to gain practical experience, broaden their perspectives, and develop essential skills that will prepare them for successful careers in design.

Places like Shinde Chatri, Pataleshwar Temple, Shaniwar Wada, Pune University, Raja Kelkar Museum, Parvati, Iskcon Temple, ARAI Hill, etc were visited in August- September- October 2023.

6. **Market Visits:**

Fabric market visits are essential pre-show activities that empower designers to make informed decisions about materials, stay on top of trends, establish supplier relationships, and ultimately create successful and impactful fashion collections. Markets in Pune, Mumbai and Surat were visited by students.

7. Vyapar Mela:

Vyapar Mela 2023-24, a commercial get together was organized by P.E.S. Modern College of Arts, Science, & Commerce (Autonomous), Shivajinagar Pune-5 on 23 rd & 24th January, 2024.

This activity was funded under Entrepreneurship Skill Development Program by Savitribai Phule

Pune University. The objective of this event is to inculcate entrepreneurial skills among college students. Vyapar Mela is an excellent opportunity provided to the students to learn how to start a business in minimum capital and selecting and presenting products according to customer demands. Good profit in minimum capital was achieved, which increased the student's confidence. From this event students learned that coordination and marketing strategies are the key to run a successful business. Students had a very polite and welcoming attitude which helped them to maximize their sales. 83 stalls with different varieties of products were arranged at the Vyapar Mela. Different services were showcased for the presentation and sale by the students. Few titles of the stalls included:

- Homemade food items
- Intelligent Brain Games
- Body care products
- Mobile accessories
- Garments
- Fashion accessories
- Gift Articles
- Paintings.

The event was inaugurated by Vice Principal Dr. S. S. Deshmukh. He guided the students about how one can develop an administrative approach; he also congratulated and encouraged the students.

The event was attended by Vice Principals, Heads of Departments, Teachers, Staff and Students of our college. Participation of all these members made the event successful. Principal Dr. R.S. Zunjarrao felicitated the budding entrepreneurs.

The event was managed by Prof. Manasi Thakur (Chairperson, Entrepreneurship Development Cell), Dr. Anjali Sardesai (Vice Chairperson, ED Cell), Dr. Shubhangi Puranik (Co-ordinator), Prof. Netra Todkar, Prof. Varsha Waikar, Prof. Nikita Natekar, Prof. Anusha Kurutkar, Prof. Dnyaneshwaree Shinde. Vyapar Mela 2023-24 received an overwhelming response.

8. Annual Fashion Show: DARPAN 2024

Fashion shows are a platform to showcase student's talent in varied dimensions. More than forty students participated in the show which showcased around 130 garments – designed and stitched by the students themselves. The garments were designed on 10 distinct themes. Students gained experience on how Fashion Collections get created by in-depth research, working around a given theme, selecting the garment pattern, style, its accessories and the way it needs to be presented. We were fortunate to have an expert jury panel comprising academicians and professionals from the garment industry.

9. Incubation Center Activities:

- Two products launched: Diary pouch and Sanitary Napkin Folder.
- Kids wear Design and Production: 22 kids garments (Age 6 months to 2 years) were designed and stitched as customized order.
- 153 Curtains for main building classrooms were constructed in the Incubation center. Fabric approvals, fabric purchase, cutting and construction was executed in a short period of 10 days.
- Bespoke order for Art Circle- Firodiya Karandak was also executed under the incubation center.

● Teachers Contribution:

All teachers of the Department – Prof. Manasi Thakur, Prof. Netra Todkar, Prof. Varsha Waikar, Prof. Varsha Waikar, Prof. Nikita Natekar, Prof. Anusha Kurutkar and Asst. Prof. Dnyaneshwaree Shinde have worked dedicatedly and given their best of skills to students which have helped them become independent.

Please visit Departments Instagram account: @modernfashiontechnology

- Prof. Manasi Thakur

Head, Dept. of Fashion Technology

Art Circle

Part – B

The Art Circle is involved in organising various activities for the overall development of the students. Some of these are as follows:

Kala Saptaha: A week of various competitions was organized for identifying the talent of students. The week was celebrated from 22nd August 2023 to 26th August 2023. We organized Solo Acting, Instrumental music, Poster painting, Dance, Mehendi, Rangoli, Photography, Short film making, Story telling, Poetry recitation, Play reading and Singing competitions. Our Art circle members Prof. Renu Bhalerao, Prof. Archana Apte, Dr. Vaishali Aher, Prof. Rupali Ahire, Prof. Shweta Jawale, Prof. V.B. Suryavanshi, Prof. Anjali Joshi, Prof. Bhakti Kapre, Prof. Varada Kulkarni, Prof. Netra Kulkarni, Prof. Savita Gotpagar, Prof. Aswini Deshkar, Prof. Pallavi Math, Prof. Manjusha Zambre, Prof. Trupti Gohad, Prof. Aditi Patil, Prof. Saad Ahmed Shaikh, Prof. Dishant Mistry, Mrs Swati Patwardhan, Mr. Raghvendra Shawalkar, Mr. Shivraj Ingale, Mr T.G. Gandhi and Mr. Vijay Gogavale were in the organizing team.

This year a few competitions like photography and play reading were also conducted for teachers to create a happy working environment.

Rotary Club Shivajinagar, Pune sponsored cash prizes of Rs.5000/- for “Kalasaptah” and also provided renowned judges for various competitions.

The Prize distribution ceremony was organized on 22nd December 2023. Well known TV artist

Ms. Anagha Kakade was the chief guest for the function.

Annual Social Gathering:

Annual Social Gathering of our college was organized on 30th and 31st January, 2024. Along with it Black and White Day, Chocolate day and Traditional Dress Day were enjoyed by students as well as by teachers. All Art Circle staff members worked in various committees of the Annual Social Gathering.

Art Circle Members achievements:

1. Art circle chairperson Prof. Ashok V Kamble:
 - a. completed five professional theatre performances of the play “Kinara”.
 - b. Participated in “Play reading competition” as a lead actor and won third prize for acting. This competition was organized by Rotary Club of Parvati Pune.
 - c. Participated in Inter Rotary Club One act play competition held on 11th Oct, 2023.
2. Mrs Swati Patwardhan worked as a voice over artist for various commercial advertisements and also for radio advertisements. She also performed as a singer and anchor in Geet Ramayan and various Hindi and Marathi music programs.
3. Prof. Ashok V Kamble, Prof. Mrs. Renu Bhalerao and Mrs. Swati Patwardhan were invited as judges for the interschool group singing competition organised by Modern Girls High School, Pune

Workshop/Auditions

1. In the month of July, selection workshop for Purushottam Karandak was conducted by our Drama group students. Pratiksha Shelar, Akanksha Bhalerao, Akanksha Pawar, Rutvik Samel conducted this two day workshop.
2. Firodiya Karandak workshop was organized. Well known Marathi play director Mr Suraj Parasnis guided our students.
3. A workshop held by a dance group in the month of November. Many college students showed enthusiasm for this workshop. These students were further selected to compete in inter-college competitions.
4. Music Workshop for various competitions was conducted by our students. More than 50 students were present for this workshop.

Intercollegiate Drama Competition: Students from our college participated in various intercollegiate drama competitions and won prizes in the following competitions .

- a. **Purushottam Karandak:** One act Play “RAKHANDAR” written and directed by Pratiksha Mohan Shelar participated in this competition.
- b. **Bharat Karandak :** One act Play “RAKHANDAR” written and directed by Pratiksha Mohan Shelar participated for this competition.
- c. **Dajikaka Gadgil Karandak:** One act Play “RAKHANDAR” written and directed by Pratiksha Mohan Shelar participated in this competition. Shantanu Gaikwad won prize for Best Acting for playing the character of “Dashyu”
- d. **Sakal Karandak (Inter-collegiate One-Act Play Competition):** The Team performed the one-act play “Gabhara”, and the secured the Second Place in the Competition and a cash prize of Rs.31,000/- Akanksha Pawar, Shambhavi Dhamanikar and Rajasi Valame won prizes for Best Acting for playing the characters of Sakhi, Janaki and Chingi respectively. Shubham Mohite won prize for Best Music Operator
- e. **Loksatta Lokankika:** The Team performed the one-act play “Gabhara”
- f. **Maharashtra Rajya Haushi Marathi Natya Spardha (Maharashtra’s Biggest Two-Act Play Competition):** Team of 19 students participated for the first time in this competition and gained lots of knowledge and experience.
- g. **Firodiya karandak:** A group of 33 students participated in this competition. One act play “O ri Duniya ”, was presented in this competition. Rutwik Samel won prize for Best Supporting Actor.

We thank our Principal Dr. R.S. Zunjarrao and Vice Principal Dr. Amruta Oke, for their constant support and encouragement. We are also thankful to Mr Vilas Lad, Mr Shendkar, Mr. Prakash Sable, Mrs. Swati Patwardhan, Mr. Shawalkar, Mr. Dhananjay Shendkar, Mr. Amol Ghane, all non teaching staff of the college and members of the Art Circle for their active support.

- **Prof. Ashok V. Kamble** (Electronics)
Chairperson, Art Circle

Department of Performing Arts

PART A

DIQAC Composition and Activities

For the departments having **less than 3** staff members :

Sr. No.	Name of the Staff Member	Designation	Mobile Number	Email id
1		Vice-Principal and Advisor of DIQAC		
2	Dr. Pushkar Lele	HoD and Chairperson of DIQAC	9881237591	hodperformingarts@moderncollegepune.edu.in
3	Prof. Shripad Shirwalkar	Member 1	9145373004	shirwalkarperformingarts@moderncollegepune.edu.in
4		Member2		

For the departments having **more than 3** staff members :

Department Name:

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the Department

Total Nos. International National State Institution Level

(ii) Themes :

An interactive workshop on 'Thumri-Dadra-Gazal' by eminent semi-classical vocalist Astha Shukla ji (daughter of Dr. Veena Pani Shukla and disciple of Pt. Kashinath Bodas and Dr. Veena Sahasrabudhe) was held on 2nd Dec 2023. Apart from eloquently describing the ecology and musico-aesthetic framework of these forms and nuances of the पूरबअंगstylistics, Astha ji taught a Dadra and one of Begum Akhtar's classic gazals to our students.

Pl attach a Conference report as annexure

2.14 Significant Activities conducted by the Department / DIQAC in the academic year

1. A lec-dem cum interaction with Tamás Rozs was held on 31st Oct 2023. Tamas, a Hungarian folk musician talked about his instrument, the Cello and the different musical impressions from German, Serbian, Slovakian, Balkan, Romanian, Austrian and Ukrainian cultural traditions finding expression in Hungarian folk music. He sang some traditional and some new self-composed melodies (by fusing Mongolian throat singing which he learnt and practiced for four years from renowned Mongolian musicians) and Hungarian folk melodies.
2. A lecture on 'Music Therapy - Medicine and Misconceptions' by Dr. Shubham Kulkarni was held on Wednesday 20th December 2023. With an aim of creating awareness about the right approach to music therapy, the Department of Performing Arts, launched an online 'Basic Certificate Course in Music Therapy' on this day.
3. A lec-dem cum performance on 'Sitar- the instrument and its playing techniques' by Pt. Chandranath Bhattacharya was held on 24th February 2024. Our students (BA and Music Appreciation Course) had an enriching interaction with him as he described the making of Sitar and nuances of the Senia-Jaipur Gharana, that he belongs to.

2.15 Plan of Action by DIQAC/Outcome

The plan of action chalked out by the DIQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
- To Implement NEP for First Year according to NEP - To ideate music related programmes for our students as well as local community	- Successfully implemented NEP for First batch of BA (Music) - Successfully organised four music related activities for our students and extended music loving community in the city

** Attach the Academic Calendar of the year as Annexure.*

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG				
UG	1			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	2			
Others				
Total	3			

Interdisciplinary				
Innovative				

1.1.2 Number of Programmes where syllabus revision was carried out during the year **NIL**

–1.1.3 Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year **NIL**

1.2.1 - Number of new courses introduced across all programmes offered during the year **NIL**

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1 (UG)

1.3.2 Details of value-added courses for imparting transferable and life skills offered during the year

1.3.2 Field Projects / Internships under taken during the year	
Project/Programme Title	No. of students enrolled for Field Projects / Internships
The Music around you	12

Criterion – II

2. Teaching, Learning and Evaluation

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
2	2	LCD Projector, Bluetooth speaker	1		Power Point Presentations (PPTs)

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
0	2	0	0	0

2.2 No. of permanent faculty with Ph.D. 0

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
2	-	-	-	-	-	-	-	2	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	-	-

Pl. Provide the list of visiting faculty as annexure

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended			
Presented	2	1	
Resource Persons			

Pl. Provide the scan copies of participation certificates as annexure

2.6 Innovative processes adopted by the institution in Teaching and Learning:

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop/sub-committee member

Sr. No.	Name of the staff member	Role	Date of the workshop
1.	Dr. Pushkar Lele	Chairman	18 th March and 14 th May 2024
2.	Prof. Shripad Shirwalkar	Member	

2.10 Average percentage of attendance of students

76

2.12 How does DIQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

2.13 Initiatives undertaken towards faculty development by the deartment

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	-	-	-	-
Technical Staff	-	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

3.2.3 - Number of teachers recognised as research guides

3.3.1 Incentive to the teachers who receive recognition/awards		
State	National	International
NIL	NIL	NIL
3.3.2 Ph. Ds awarded during the year		
Name of the Department	No. of Ph. Ds Awarded	
NIL	NIL	

3.1 Initiatives of the DIQAC in Sensitizing/Promoting Research Climate in the institution

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs				

3.4 Details on research publications in current academic year

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals			
Conference proceedings	2	1	

Please provide the information in following format as annexure

3.3.3 Research Publications in the Journals notified on UGC website during the year

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	NIL	NIL	NIL	NIL
Minor Projects	NIL	NIL	NIL	NIL
Interdisciplinary Projects	NIL	NIL	NIL	NIL
Industry sponsored	NIL	NIL	NIL	NIL
Projects sponsored by the University/ College	NIL	NIL	NIL	NIL
Students research projects (other than compulsory by the University)	NIL	NIL	NIL	NIL
Any other(Specify)	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

Please provide the list of books authored by staff members in the format given below as annexure

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

3.10 consultancy provided by the Department

Please provide the scan copies of the communication letters, consultancy letters as annexure

3.11 No. of conferences organized by the Department	Level	International	National	State	University	College
	Number	NIL	NIL	NIL	NIL	NIL
	Sponsoring agencies	NIL	NIL	NIL	NIL	NIL

3.12 Details faculty served as experts, chairpersons or resource persons

Please provide the scan copies of the invitation letters and participation letters/Certificates as annexure

3.13 Details of collaborations

3.14 Details of linkages created during this year

Please provide the scan copies of the related letters as annexure

3.16 No. of patents received this year

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the staff members in the year

Please provide the scan copies of the certificates as annexure

3.18 Details of faculty from the Institution who are Ph. D. Guides and students registered under them

Please provide the scan copies of the guide ship letters as annexure

3.19 Details of Ph.D. students registered in research centers

3.20 Details Research scholars receiving the Fellowships (Newly enrolled + existing ones) (JRF, SRF, Project Fellows, Any other)

Please provide the scan copies of letters received as annexure

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :				
No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		3		-
Presented papers	2	1		
Resource Persons				
3.5 Collaborations				
3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year				
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Criterion – IV

4. Infrastructure and Learning Resources

4.4 Technology up gradation (Department level)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available Bandwidth	Others
Existing	2			-	-				Enough number of music instruments
Added									
Total									

Criterion – V

5. Student Support and Progression

5.1 Contribution of DIQAC in enhancing awareness about Student Support Services

Mentor and Mentee scheme is followed for enhancing awareness about Student Support Services

5.2 Efforts made by the Department for tracking the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
12			

(b) No. of students outside the state

NIL

Please provide the list of students, Gender, class, category as annexure

(c) No. of international students

NIL

Please provide the list of students, Gender, class, category as annexure

No	%
9	75

Men

No	%
3	25

Women

5.2.1 - Number of outgoing students who got placement during the year

	<i>On campus</i>		<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

-

-

-

-

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year (data template)

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

5.2.3.2 - Number of students who appeared in state/ national/ international examinations (e.g.: IIT-JAM/ NET/SET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations) during the year

Please provide the scan copies certificates as annexure

5.6 Details of student counselling and career guidance

- **Please refer the report of Psychology Department for counselling guidance.**

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities

29. Soft Skills
30. Language and Communication Skills
31. Life Skills (Yoga, Physical fitness, Health and Hygiene)
32. Awareness of Trends in Technology

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year (data template)

5.11 Student organised / initiatives

Please provide the scan copies related letters as annexure

Criterion – VI

6. Governance, Leadership and Management

6.3 Faculty Empowerment Strategies
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

6.3 Quality improvement strategies adopted by the Department for each of the following:

6.3.1 Curriculum Development

While designing curriculum of college we have selected members from the music field who have high academic qualifications and experience.

6.3.2 Teaching and Learning

Use ICT, and other teaching methods such as seminars, presentations, discussions and project work

6.3.3 Examination and Evaluation

Students are asked to submit the assignments which are thoroughly checked by our staff members and one to one discussion is done with students about modifications in the assignments.

6.3.4 Research and Development

-

6.3.5 Library, ICT and physical infrastructure / instrumentation

1. In house stage and sound system
2. Seven sets of tabla-s, acoustic tanpura-s (ladies and gents)
3. Electronic tanpura-s, taal-mala and speakers
4. OHP equipped classrooms
5. Sufficient books for library

6.3.6 Human Resource Management

-

6.3.7 Faculty and Staff recruitment

-

6.3.8 Industry Interaction / Collaboration

-

6.3.9 Admission of Students -

6.11 Activities and support from the Alumni Association

-

6.12 Activities and support from the Parent – Teacher Association

-

6.13 Development programmes for support staff-

6.14 Initiatives taken by the institution to make the campus eco-friendly-

Criterion – VII

7. Innovations and Best Practices

7.3 Give Best Practices of the Department

7.4 Contribution to environmental awareness / protection

7.6 SWOC Analysis of the Department

➤ **Strengths :**

- Well qualified, experienced faculty to run UG Course
- Active support of Principal in Departmental activities
- Student centric, ICT enabled, participatory and interactive teaching learning methods are promoted.

➤ **Weakness :**

- Inadequate Permanent Teaching
- Lack of resources to do social media marketing of dept courses and activities

➤ **Opportunities :**

- Department has Potential to Excel in Academic and outreach programmes

➤ **Challenges :**

- Implementing NEP 2020 curriculum according to changing Government rules and guidelines.

8. Plans of Department for next year

Name 1: Dr. Pushkar Lele

Name :

Name 2 : Prof. Shripad Shirwalkar

Name and Signature of the Members, DIQAC

Signature of the Chairperson, DIQAC

The 'Department of Performing Arts' of Modern College of Arts, Science and Commerce (Autonomous), Shivajinagar, Pune-5 was formally inaugurated by Pt. Sanjeev Abhyankar on 17th Oct 2023 in an august event presided over by Prof. Dr. Jyotsna Ekbote, along with Dr. Rajendra Zunjarrao (Principal), Shri. Shamkant Deshmukh (Secretary PES and Vice-Principal - Administration), Dr. Amruta Oke (Vice-Principal - Arts) and attended by a galaxy of senior musicians like Vidushi Dr. Alka Deo-Marulkar, Pt. Ramdas Palsule, H. B. P. Dr. Charudatta Aphale, Pt. Satyasheel Deshpande, Dr. Shubhangi Arun Bahulikar, Vidya Gokhale, Milind Kulkarni, Harshad Dongare, Charudtta Phadke, Amol Nisal, Aniruddha Deshpande, Shivani Marulkar Dasakkar, Ashish Mujumdar, Dr. Shubham Kulkarni, Rajashree Mahajani and former Cultural Attache to Tajikistan Juee Deogaokar, students, staff, parents and senior management. The formal event was followed by a small music performance by the talented students of our debut batch of B.A. (Music).

The Department of Performing Arts organised the following activities for the year 2023-24

1. A lec-dem and interaction with Tamás Rozs on 31st Oct 2023. Tamas, a Hungarian folk musician, talked about his instrument, the Cello and the different musical impressions from German, Serbian, Slovakian, Balkan, Romanian, Austrian and Ukrainian cultural traditions finding expression in Hungarian folk music. He sang some traditional and some new self-composed melodies (by fusing Mongolian throat singing which he learnt and practised for four years from renowned Mongolian musicians) and Hungarian folk melodies.
2. An interactive workshop on 'Thumri-Dadra-Gazal' by eminent semi-classical vocalist Astha Shukla ji (daughter of Dr. Veena Pani Shukla and disciple of Pt. Kashinath Bodas and Dr. Veena Sahasrabudhe). Apart from eloquently describing the ecology and musico-aesthetic framework of these forms and nuances of the [ॐ] stylistics, she also taught a Dadra and one of Begum Akhtar's classic gazals to our students.
3. A lecture on 'Music Therapy - Medicine and Misconceptions' by Dr. Shubham Kulkarni on Wednesday 20th December 2023. With an aim of creating awareness about the right approach to music therapy, the Department of Performing Arts, launched an online 'Basic Certificate Course in Music Therapy' on this day.
4. A lec-dem and performance on 'Sitar- the instrument and its playing techniques' by Pt. Chandranath Bhattacharya on 24th February 2024. Our students (BA and Music Appreciation Course) had an enriching interaction with him as he described the making of Sitar and nuances of the Senia-Jaipur Gharana, that he belongs to.
5. Our students volunteered for the 'Devchandhar Music Festival 2024' organised by 'Ninadini' on 4th Feb 2024 at THE BASE, Pune.

The division in which our department was part of (L Division) for the Annual Social Gathering, secured the First Prize in the UG Category.

Personal Achievements of the members of the Department of Performing Arts:

Dr. Pushkar Lele:

1. Conducted a course 'Principals of Music' at FLAME University, Lawale for Undergrad students in Aug-September, 2023.
2. Presided over [ॐ] [ॐ], a research-work related presentation by PhD research scholar Shri. Vivek Sutar at Lalit Kala Kendra, Savitribai Phule Pune University on 14th Oct, 2023.
3. Was interviewed on 'Improvisation in Music' by Shri. Kedar Nimbkar for the podcast channel Audiogyan, the episode was released on 6th September 2023 on various platforms like Audiogyan, Spotify and YouTube.

4. Presented a concert of Hindustani Classical music on 6th September 2023 at Pt. Jawaharlal Nehru Auditorium, Pune organised by Akashwani Pune under the G-20 series on the occasion of the 100th Birth Centenary of legendary musician Pt. Kumar Gandharva.
5. Presented a concert of Hindustani Classical music on 26th August 2023 organised at Marathi Grantha Sangrahalaya, Thane organised by 'Saptak' Bangalore and Sangeet Premi Mandal, Kalva Thane on the occasion of the 100th Birth Centenary of legendary musician Pt. Kumar Gandharva.
6. Published an article on Pt. Kumar Gandharva in 'Tarang' Magazine for their July 2023 issue.
7. Invited as Chief Guest for 'Mukula', an initiative of Kalavardhini Charitable Trust of eminent Bharatanatyam exponent and Guru Dr. Sucheta Bhide-Chapekar (Nov 2023).
8. Presented a concert of Hindustani Classical Vocal at THE BASE organised by Tarangini Sanskritik Pratishthan on 30th Dec 2023.
9. Presented a concert of Hindustani Classical Vocal organised by 'Maifil' Alibaug on 11th Feb 2024.
10. Was invited as special guest for 'Gandharva Gunijaan', a thematic presentation at Bhimsen Joshi Chair by students of Lalit Kala Kendra, SPPU on 22nd Feb 2024.
11. Delivered a talk on 'Music Appreciation' on the prestigious global platform of TEDx as part of the TEDxILS 2024 on 20th April 2024.

Prof. Shripad Shirwalkar:

1. Presented a research paper in international conference organised by SRTMV University Nanded (Offline mode)
2. Admitted to Pune University for a PhD degree.
3. Worked as coordinator for Youth Festival at Modern College, Shivajinagar.
4. Passed Sangeet Alankar exam from Gandharva Mahavidyalaya, Mumbai.
5. Provided Tabla accompaniment in Bhakti Rang programme in the 97th Akhil Bharatiya Marathi Sahitya Sammelan in Jalgaon. Also worked as a Cultural Committee Member in the same programme.
6. Worked as an examiner at Yuvarang, Agriculture College in Shirwal.
7. Worked as an examiner at Bhusawal and Pune for Akhil Bharatiys Gandharva Mahavidyalaya.
8. Presented a research paper in the International Conference organised by Mahagami Gurukul, Sambhajinagar.
9. Presented a research paper in an International Conference organised by Raja Mansingh Tomar University.

Personal Achievements of the students of F.Y.B.A. (Music) Suranjan Jaybhaye:

1. Won second prize in Savitribai Phule Pune University Youth Festival (Hindustani classical vocal).
2. Won second prize in National Prabha music competition organised by Dr. Prabha Atre Foundation (Hindustani classical vocal)
3. Won second prize in Prachin Lalit Kala Prabodhini competition in pune (Hindustani Classical Vocal)
4. Won first prize in Swar Rang competition organised by Modern College, Ganeshkhind Pune (Hindustani Classical Vocal)
5. Won second prize in Sakal Karandak competition (Drama)

Vaishali Ingawale:

1. Invited to perform by the popular instrumental band 'Yajurveda'
2. Performed at Dr. D. Y. PATIL B School
3. Started a new band called 'The Musical Beings', and performed at Chate Institute during Ram Navami Festival.
4. Performed in the Annual Day Program of our college and received the award for the best performance.
5. Performed with music composer Hrushikesh Rikame and music director Harsh Vijay.
6. Recorded a song for an upcoming movie 'Phula', at Ajivasan Studio owned by Pandit Suresh Wadkar.

Vaishnavi Adode:

1. Sang the album song 'Gondan' with Adarsh Shinde
2. Recorded the song 'Man Thari Rahina' with Jaideep Vaidya
3. Recorded the song 'Pirmachi Badha' with singer Harshvardhan Wavre

Prarthana Chorge:

1. Participated as volunteer in Yuva-rang
2. Received 3rd prize in singing competition in youth festival organised by NSS department.
3. Participated in NSS special winner camp as a volunteer at a Phulgaon village.

Rohit Dake:

1. Received 3rd prize in Light vocal competition held in our college
2. Selected for Inter-University youth festival competition and was 2 runner-up for Indian group singing
3. Received 1st prize for Light Vocal music in Swaramadhuri singing competition

Mayuresh Deve:

1. Participated as a volunteer in Yuvarang.
2. Completed NSS special winter camp as a volunteer.
3. Received First prize in singing competition in youth festival organised by NSS department.

- Dr. Pushkar Lele

Head, Department of Performing Arts

NAVY WING 3 MAH NAVAL

NCC Cadets (NAVAL) :- 16

The NCC NAVAL Wing of our College undertook various activities in the year 2023-2024 under the leadership of Lt. Cdr. A. V. Kamble and CC Aastha singh , and also participated in many camps .

1. **CATC 718 :-** SD's and SW participated in the camps. Held at GP. HQ, Pune from 10th Sep 2023 to 19th Sep 2023 .

CC Aastha Singh , PO Cdt. Ashish Pal, Cdt Dhananjay Shinde , Cdt. Sharad Yadav , Cdt. Shantanu Kumbhar , Ldg. Cdt. Yash Dhumal, Ldg. Cdt. Kanishka Jolapara, Ldg. Cdt. Maithili Shewale, Ldg. Cdt. Shreya Shilimkar, Cdt Shreya Kamble, Cdt. Kiran Walikar, Cdt. Jayesh Takawle, Cdt. Shravani Kolte.

2. **CATC 723 :-** 08 SD's and 04 SW's participated in the camps . Held at Gp. HQ, Pune from 18th Nov 2023 to PO Cdt. Kiran Auty, Ldg. Cdt. Harshika Kale , Cdt. Akansha Kadam, Cdt. Kishor Kurwade , Ldg. Cdt. Sujal More, Cdt. Aarya Pawar , Cdt. Namrata Sharma, Cdt. Kamlesh Mali , Cdt. Ashutosh Thakur, Cdt. Vishal Tengetol , Cdt. Omkar Kore, Cdt. Ritesh Karande.

3. One Cadet participated in RDC-2024 (RD Camp), held at New Delhi Cdt. Yash Dhumal – Drill and Kartavya Path.

4. Two Cadets participated in EBSB-2024 (Ek Bharat Shreshtha Bharat) held at Panvel Cdt. Aishwarya Kohinkar, Cdt. Tanmay Walunj.

5. One Cadet participated in INA-ATTACHMENT CAMP:Ldg. Cdt. Shreya Shilimkar

Social Activities Conducted by NCC Cadets :-

1. NCC Cadets participated in YOGA AWARENESS PROGRAM on YOGA DAY.
2. NCC Cadets participated in CLEANLINESS Program at Modern College, Shivajinagar.
3. Cadets participated in Blood Donation camp.
4. Cadets participated in Tree Plantation at Pune University with Rotary Club Association.
5. NCC Cadets visited NDA Khadakwasla for witnessing the Passing out parade of 144th course of NDA Cadets.
6. A Visit by Cadets to DEFENCE EXPO was organised at MOSHI which was Maharashtra's largest exhibition by the Armed Forces on 25th FEB 2024.

Lt. Cdr. Ashok V. Kamble
ANO Navy Wing

National Service Scheme

3.21 No. of students Participated in NSS events:

University level

State level

National level

International level

Sr. No.	Name of the student	Level of participation University, State, National, International	Name of the event	Date and venue of the event
1	Mr. Shrikrushna Sampat Sutar	State	Pune to Pandharpur Vrukaha Dindi	13/06/2023 to 29/06/2023 (18 days) Pune to Pandharpure
2	Miss. Renuka Nichal	State	Pune to Pandharpur Vrukaha Dindi	13/06/2023 to 29/06/2023 (18days) Pune to Pandharpure
3	Mr. Varad Bhandare	State	Pune to Pandharpur Vrukaha Dindi	13/06/2023 to 29/06/2023 (18 days) Pune to Pandharpure
4	Mr. Jitendra Tile	State	Pune to Pandharpur Vrukaha Dindi	13/06/2023 to 29/06/2023 (18 days) Pune to Pandharpure
5	Padnay Jori	State	State Republic Day Parade	16/01/2024 to 26/01/2024
6	Mr. Shantanu Bhadage	State	Trekking & Adventure Camp at Ratangad	17/02/2024 to 19/02/2024
7	Miss Sayli Venikar	State	Trekking & Adventure Camp at Ratangad	17/02/2024 to 19/02/2024
8	Miss. Rutuja Marne	State	Trekking & Adventure Camp at Ratangad	17/02/2024 to 19/02/2024
9	Miss. Shraddha Murkute	State	Trekking & Adventure Camp at Ratangad	17/02/2024 to 19/02/2024
10	Mr Shubham Totawad	State	Avhan : Disaster Management Camp	23/12/2024 to 31/12/2024

3.23 No. of Awards won in NSS: NIL

University level

State level

National level

International level

3.25 No. of Extension activities organized

University forum

College forum

NCC

NSS

Any other

Sr. No.	Name of the activity	Date and venue of the activity	Number of students participated	Name of the coordinator
1	Tree Plantation	09/08/2023	35	P. S. Varade,
2	Blood Donation Camp	22/12/2023 12/01/2024	45+47=92 10	P. S. Varade, Gholap Blood Bank. P. S. Varade & Patit Pawan Pune

3	Voters Awareness & Registration Camp	10/08/2023	120	Modern College & PMC
3	AIDS Awareness Programme	11/08/2023	57	Modern College & AIDS Prevention & Control Unit Pune
4	Survey of NigadeMose & Osade villages under UBA	13/10/2023	20	Dr. P. S. Varade
5	Street Play on Road Safety	28/02/2024	20	Dr. P. S. Varade
6	Service to Devotee in Palkhi Procession at Poolgate	13/06/2023	26	Dr. P. S. Varade
7	Pre NRD-SRD District level Selection Camp	16/09/2023	150	Dr. P. S. Varade
8	Meri Mati Mera Desh Campaign	13/09/2023 to 15/09/2023	100	Dr. P. S. Varade
9	Survey on Literacy:	21/04/2023	19	Dr. P. S. Varade
10	Street Play at Pune Mahametro (Sant Tukarm Nagar , Pimpri)	15/08/2023	190	Dr. P. S. Varade & Pune Maha metro.

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility.

- I. Our NSS volunteers participated in the in Pune to Pandharpur Palkhi Procession for Service to Devotee.
- II. Our NSS volunteers also contributed and participated in Guinness World Record on ‘ Meri Mati Mera Desh & Pune Book Festival ‘organized by Savitribai Phule Pune University & NBT.
- III. Our NSS volunteers also contributed and participated in the activity ‘My River My Valentine’ organized by Worship Earth Foundation.
- IV. Our NSS Volunteers in collaboration with Red Ribbon Club for AIDS awareness programme.

6.14 Initiatives taken by the institution to make the campus eco-friendly

(Please mention activities by NSS related to eco-friendly nature)

1. Our NSS Volunteers planted necessary saplings of plants in the campus and also caring of the plants.
2. They have also contributed in the development of botanical garden. Also created awareness in the on plastic free campus.
3. College campus is made plastic free. By avoiding the use of plastic and thermocol related items in the campus.
4. Every department have facility of separate dust- bins for collection of dry and wet garbage
5. E-waste awareness and collection camp was held by NSS volunteers and department of Electronic Science

The following activities were conducted by our NSS unit for the academic year 2023-24.

- **14th April 2023 – Celebration of Dr. Babasaheb Ambedkar’s Birth Anniversary:** Principal Dr. Rajendra Zunjarrao offered a garland to the photo frame of Dr. Babasaheb Ambedkar. After this Principal Sir focused on the life journey of Dr. Babasaheb Ambedkar in front of NSS volunteers and also advised them to learn good things from this.
- **21st April 2023- Survey on Literacy:** 18 NSS volunteers and program Dr. Prabhakar Varade conducted a rigorous survey on the literacy campaign at the adopted village

Phulgaon. In this campaign, the villagers provided the true information for the people above 18 years. It is found that around 90 percent of villagers are literate and 75 percent of people are employed.

- **21st June 2023- International Yoga Day Celebration:** Desai Madam and Prof. Vikram Phale conducted the Yoga and Pranayam session for a group of 200 volunteers and 15 staff members. Volunteers followed all the types of yoga performed by DesaiMadam. After the practical session, a separate question-answer session was held.
- **2nd August 2023 - NSS Orientation for First Year Volunteers:** NSS programme officer Dr. Prabhakar Varade guided the volunteers about the NSS structure and different NSS activities. NSS Song, NSS claps and other things were practiced in this workshop. Senior NSS volunteers also guided the first-year volunteer. 132 NSS volunteers were present for this programme.
- **6th – 10th August 2023- Cleanliness Drive At Raj Bhavan :**30 NSS volunteers and programme officers conducted the cleanliness drive at Raj Bhavan , Ganeshkhind Pune.
- **9th August 2023 - Tree Plantation at Phulgaon:**NSS Unit of our college in collaboration with Lokseva English Medium School Phulgaon planted 75 trees at LoksevaSchoolPhulgaon. 35 NSS volunteers and PO Dr. P. S. Varade from our college were present for this event. Pharmacy College Principal Dr. Narhari Patil was also present for the event.
- **10th August 2023 – Voters Awareness Programme :** 120 NSS volunteers participated in the voting awareness program. All BLOs and ward officers of Pune municipal corporation were present for this program. Principal Dr. R. S. Zunjarrao addressed the gathering about the importance of Voting for a healthy democracy.
- **11th August 2023- AIDS Awareness Campaign:** In collaboration with the district AIDS prevention and control unit conducted the awareness campaign in the college premises. A district-level elocution and poster competition competition was also held on this topic. Felicitation of winners was also done by the college. 57 students from different colleges participated in this competition.
- **15th August 2023- Street Play at Pune Mahametro:** A group of NSS volunteers performed a street play at Shivajinagar station and Saint Tukaram Nagar station of metro on the subject Azadi Ka Amrit Mahotsav. Total 190 NSS volunteers and 2 PO were present for this event.
- **13th -15 September 2023- Meri Mati Mera Desh Campaign:** Selfie with mati campaign was conducted in college as well as different parts of Pune, Phulgaon, Osade village, Nigademose and Kuran Khurd. Around 22 thousand selfies were collected in this campaign. Dr. Nivedita EkbodeMadam also participated in and supported this campaign.
- **16thSeptember 2023 -Pre NRD-SRD District level Selection Camp–** This was an offline program conducted at Modern College, Shivajinagar, Pune-05. Volunteers from 23 different colleges of the Pune district participated in this camp. Overall management of this program was done by our Volunteers. Registration Procedure, Checking height and weight, Running, Parade, and Interview were the selection procedures in this Camp. Many volunteers actively participated in managing this whole program at college. NSS Director Dr. Sadanand Bhosale, Dr. Shivaji Pacharne, Dr. Savita Kulkarni, Dr. Nana Sejwal were present for this camp.
- **24th – 25th September 2023- NSS Day Celebration:** The history of NSS and all the details of NSS are addressed to newly joined volunteers by NSS PO. 128 NSS volunteers of the first year were present for this event.
- **30th September 2023- Participation & Support to SwarrangProgramme:** 20 NSS volunteers and 3 programme officers participated in this event. Different competitions were held under this title.
- **2nd October 2023- Mahatma Gandhi & Lal Bahadur Shastri Birth Anniversary Celebration:**This day is also known as “Non Violence Day”. Various quotes, speeches, poems, one-act play,etc based on Father of the Nation and Shastriji were performed by NSS Volunteers. 91 volunteers participated in this program and made this program more interesting by means of their speech and poetry reading. After this, a cleaning drive in the

college campus was carried out. In this way, NSS volunteers celebrated this program with full enthusiasm.

- **23rd October 2023- Khande Navami Poojan:**As a tradition, every year on Khande Navami we organize the function of respecting the tools of daily use. On this occasion, the cleaning of the NSS room and campus is done. Garlands were offered to the tools.
- **22nd October- Walk – A- Thon:**The NSS Unit of our college in association with SANCHETI Hospital organized a big event on the college playground on Walk – A- Thon. Dr .Parag Sancheti and team demonstrated and taught many activities related to human health and also gave some tips to keep the health better. 600 Volunteers from our college and other colleges attended this event.
- **26th November 2023-Celebration of Constitution Day and Remembering the Hero of 26/11 Attack:**This program basically started with reciting the National anthem, NSS song and reading of preamble of the constitution. NSS PO Dr. Prabhakar Varade and Principal Dr. Rajendra Zunjarrao expressed gratitude towards Dr. Babasaheb Ambedkar, and delivered a speech on the preamble and also guided us for a better future and gave us some necessary values and etiquettes. The program continued with volunteers presenting speeches and poems on the heroes who have lost their lives in the 26by/11 attack at Mumbai by the terrorists.
- **12th December 2023- No Honking Day: Mr. Deepak Patil and the NSS Unit** of our college in collaboration conducted this event. Our volunteers and members of No Honking activity created awareness regarding the importance of No Honking at Balgandharva Chowk.
- **22nd December 2023 – Blood Donation Camp:** NSS Unit of our college in collaboration with NCC unit conducted a one day blood donation camp. 45 blood bags were collected in this camp. Gholap blood bank helped for this camp.
- **12th January 2024 –Celebration of Swami Vivekananda Birth Anniversary:** As part of Youth week, Swami Vivekanand and Rajmata Jijau birth anniversaries were celebrated. Many volunteers and programme officer Dr. Prabhakar Varade expressed their views on the life journey of both Swami Vivekanand and Rajmata Jijau.
- **12th January 2024-Blood Donation Camp:**As a part of Youth week a blood donation camp was organized by our college NSS unit in collaboration with **Patit Pawan Unit** of Shivajinagar. 47 donors donated blood in this camp.
- **12th -19th January 2024- Youth Week:** As a part of Youth Week our NSS unit has organized a lecture on ‘Leadership’. Principal Dr. addressed the volunteers on this topic. Our Core team volunteers also conducted small group activities on this topic. Competitions on poster, elocution , drapery, treasure hunt, debate and quiz were held in this week. 173 students participated in this program.
- **26th January 2024-Republic Day Program:** - After the flag hoisting, NSS volunteers conducted a programme ‘Republic Day of India’. On this day, NSS volunteers expressed their gratitude towards the nation.
- **20th February 2024 – Celebration of Shiv Jayanti:** On the occasion of Shivaji Maharaj’s Birth Anniversary NSS Unit of our college organized a lecture on ‘**Shivaji Maharaj**’. Principal Dr. R. S. Zunjarrao Delivered a lecture on Shivaji Maharaj and his life journey including his escape from Agra. A few volunteers also expressed their gratitude towards Shivaji Maharaj.
- **6th March 2024 – Youth Week Award Function:** A felicitation program for all the winners and participants were held. Principal Dr. Rajendra Zunjarrao appreciated the performance of all the winners and also appreciated the participating volunteers. Trophy, medals, and certificates were distributed to the volunteers.

Participation of the Programme Officer and Volunteers in different activities.

Programme Name - Organized By - Dates - Participants

1. Palkhi Inauguration – Savitribai Phule Pune University, 12th June 2023 – NSS PO and 78 Volunteers

2. Service to Devotee in Palkhi Procession at Poolgate – Savitribai Phule Pune University & PMC, 13th June 2023 – NSS PO and 25 Volunteers
3. Participation in Pune to Pandharpur Palkhi – Savitribai Phule Pune University, 12th June to 29th June 2023 – 5 NSS Volunteers.
4. Street Play on Road Safety – Modern College of Business Management, 28/02/2024 – 20 NSS volunteers
5. Meri Mati Mera Desh – Savitribai Phule Pune University, 9th November 2023 – NSS PO and 2 Volunteers
6. Guinness World Record Pune Book Festival – Savitribai Phule Pune University, 12th-16th December 2023 – NSS PO and 110 volunteers
7. Meri Mati Mera Desh – Savitribai Phule Pune University, 2nd November 2023 – NSS PO and 4 volunteers
8. Survey of Nigade-Mose & Osade villages under UBA. – Modern College, 13th October 2023 – 20 NSS Volunteers, NSS PO & SWO.
9. My River My Valentine – Worship Earth Foundation, 10th February 2024 – 40 NSS Volunteers

- Dr. Prabhakar Varade
Programme Officer

Department of Physical Education (Senior Wing)

On behalf of Savitribai Phule Pune University, Pune City Zonal Sports committee, the prize distribution ceremony of Inter Collegiate Sports Competition was held on Saturday, April 13, 2024 at Chandrashekhar Agashe college of Physical education, Gultekdi, pune.

Our Progressive Education Society's Modern College, Shivajinagar, Pune-05 has bagged the highest number of winning teams in the Inter collegiate competition.

- **Inter Collegiate Winner Team:** Hockey (M), Chess (M), Volleyball (W), Netball(M), Baseball (M), Athletic (W), Baseball (W), Softball (M), Korfball(M)
- **Inter Collegiate Runner up Team:** Football (W), Handball (W), Cricket (W), Handball (M), Ball-Badminton (W)
- **Inter Collegiate Third Place Winner Team:** Kho-Kho (M)

Intercollegiate Participation

The Department participated in 32 Sports activities i.e. Athletics, Cross Country, Handball, Volleyball, Boxing, Softball, Basketball, Chess, Shooting, Weight Lifting, Badminton, Baseball, Cricket, Cycling, Wrestling, Kabaddi, Football, Swimming, Ball Badminton, Hockey, Judo, Kho-Kho, Lawn Tennis, Table Tennis, Rollball, fencing, Best Physique, Squash, Powerlifting, Korfball, Yoga and Netball Competitions. The college team achievements are as follows:

Medal Tally of different levels of competitions:

Level of Participation	Gold	Silver	Bronze	Medal Tally
Intercollegiate	20	9	13	42
State/ Krida Mahotsav	5	6	1	12
Inter Zonal	58	31	-	89
All India	3	4	4	11
National	2	5	-	7
Khelo India				
University Games	1	1	-	2
International Participation			2	2 Participation
Grand Total	89	56	18	163

Sports Organizations

- **Inter Collegiate Hockey (M/W)** Intercollegiate Hockey Men & Women competition was organized on 10th October 2023 at the PCMC Hockey Ground. Various teams from Pune City participated in this event.
- **Inter Zonal Badminton (M/W):** Inter zonal Badminton (M/W) event was organized during 16th and 17th October 2023 at the Modern Badminton Complex with the help of PDMBA. The tournament was inaugurated at the hands of our Principal Dr. R.S. Zunjarrao and Director of Sports SPPU Dr. Dipak Mane. Four teams from S.P. Pune University i.e. Pune City, Pune District, Ahmednagar and Nashik participated.
- **Inter Collegiate Korfball (M/W):** Intercollegiate Korfball (M/W) competition was organized on 5th December 2023 at the College Ground. Various players from Pune City participated in this event. The tournament was inaugurated at the hands of our Vice Principal and GMC Chairman Dr. Vijay Gaikwad.
- **Inter Collegiate Softball (M/W):** Intercollegiate Softball (M/W) competition was organized on 6th December 2023 at the SPPU Ground. Various players from Pune City participated in this event. The tournament was inaugurated at the hands of Shri. Suhas Asher, International Coach.
- **National Sports Day Celebration:** Birth anniversary of Olympian Major Dhyanchand celebrate as "National Sports Day of India". on the 29th Of August. On this occasion, 5 side

Football competition was organized in the college. Total 18 Teams participated in the Tournament; Each team had 7 players.

- **State Sports Day Celebration:** Birth anniversary of Olympian Khashaba Jadhav celebrated as “State Sports Day of Maharashtra”. on the 15 January 2024. On this occasion, a Tug of War competition was organized in the College. 5 boys and 3 girls teams (94 students total) participated in this competition.
- **Weight loss Competition :** Under Fit India Movement Gymkhana Department Organized Fitness retaliated program that helps about Physical fitness and Diet for losing Weight of Students & College staff. 19 students and 68 college staff participated in this weight loss competition.

Students Sports Achievement

Sr. No - Name of the Student - Class - Game- Level

1	Lalage Aditya Arjun, T.Y.B.A.	Hockey – International Participation
2	Neha Kortikar, M.A.-2 Psychology	Shooting – International Participation
3	Dongare Aditi Pramod, S.Y.B.Com.	Cycling – National Gold & AIU Participation
4	Lidhade Atharv, F.Y.C.S.	Baseball & Softball – National Gold & AIU Participation
5	Avghade Diksha, M.Com.	Hockey – National Silver
6	Kamble Preeti Rajesh, T.Y.B.A.	Softball & Baseball – National Silver & AIU Silver
7	Shaikh Afreen, M.Com.	Hockey – National Silver & AIU Participation
8	Lonari Vedashree Lonari, F.Y.B.A.	Athletics – National Silver
9	Phulsundar Sakshi Neetin, F.Y.B.A.	400m, 200m – Jr. National Silver
10	Pawar Chaitanya, M.A. 1 year	Baseball – AIU Gold & AIU Participation
11	Malusare Runal Mohan, M.A. (Political-II)	Korfball – AIU Gold
12	Unavane Rohan Baburav, S.Y.B.A (b) –	Korfball – AIU Gold
13	Waman Dnyaneshwari Avinash, T.Y.B.Sc. (Chemistry)	Baseball – AIU Silver
14	Wankhede Apurva, M.A. 1 year	Baseball & Softball – AIU Silver & State Silver
15	Mankar Swejal, M.A. 1 year	Swimming – AIU Silver & KIUG Silver
16	Jadhav Pratham Kumar, F.Y.B.A.	Netball – AIU Bronze
17	Kodag Shubham Annsaheb, M.A. History	Netball – AIU Bronze
18	Patil Avinash Sanjay, M.A .MARATHI -1	Netball – AIU Bronze
19	Adsule Sarvesh Baliram, M.A. 1 year	Netball – AIU Bronze
20	Patil Shivechha Vikas, T.Y.B.A.	Athletics – KIUG Gold & AIU Participation
21	Mhaske Aditya, F.Y.B.A.	Softball – W Z National Silver
22	Jangale Sandeep Balasaheb, F.Y.B.A.	Handball – National Participation
23	Sarode Mihir, F.Y.B.Com.	Chess – National Participation
24	Tamboli Alisabir Aslam, T.Y.B.A.	Athletics – National Participation
25	Shintre Sai, F.Y..B.Sc.	Rollball – AIU Participation
26	Mhamane Saurabh, T.Y.B.Com.	Chess – National Participation
27	Ghadi Nisha Anant, F.Y.B.Sc. Microbiology	Football – National Participation
28	Rathod Ajay Annasaheb, F.Y. B.Com.	Football – National Participation
29	Gambhire Saurabh Sahebrao, T.Y.B.A.	10 M Air Pistol – National Participation
30	Shetty Aryan Kishor, S.Y.B.Com.	Badminton – AIU Participation
31	Biredar Rushikesh Sangappa, T.Y.B.A.	Best Phy – AIU Participation
32	Pardeshi Prasad, T.Y.B.Com.	Boxing – AIU Participation
33	Rewale Khushi Sagar, S.Y.B.Sc.(CS)	Boxing – AIU Participation
34	Lamkane Om Nagnath, F.Y.B.Com.	Chess – AIU Participation
35	Banawane Samruddhi Nitin, S.Y.B.A.	Cricket – AIU Participation
36	Gavde Saniya, F.Y.B.Com.	Cricket – AIU Participation
37	Bisane Aditya Hemant, F.Y.B.A.	Hockey – AIU Participation

38	Shingade Sagar, F.Y.B.A.	Hockey – AIU Participation
39	Chavhan Deepak, F.Y.B.Com.	Hockey – AIU Participation
40	Ambi Salman, F.Y.B.Com.	Hockey – AIU Participation
41	Dhamal Kunal, F.Y.B.A.	Hockey – AIU Participation
42	Hande Vinayak, F.Y.B.A.	Hockey – AIU Participation
43	Patil Diksha, M.Com.	Hockey – AIU Participation
44	Pawar Paritosh, M.A.	Lawn Tennis – AIU Participation
45	Gaikwad Prathmesh Pramod, M.A.	Shooting – AIU Participation
46	Dongeswami Sandhya Onkar, S.YB.Com.	Squash – AIU Participation
47	Kukka Meghana, T.Y.B.Com.	Table Tennis – AIU Participation
48	Jorvar Pooja Asaram, T.Y.B.Com.	Table Tennis – AIU Participation
49	Mohol Samruddhi Shivaji, F.Y.B.Sc.CS	Volleyball – AIU Participation
50	Golande Pranjal Umesh, S.Y.B.A.	Volleyball – AIU Participation
51	Jamjare Manaswee Mahadeo, T.Y.B.Com.	Gymnastics – AIU Participation
52	Bansode Ketan, M.A. 1 year	Softball – AIU Participation
53	Jadhav Saurabh, M.A. 1 year	Softball – AIU Participation
54	Gabhale Sourabh, M.A. 1 year	Softball – AIU Participation
55	Chikhale Sahil Somnath, T.Y.B.Com.	Kho Kho – AIU Participation
56	Thorat Shubham Santosh, T.Y.B.Com.	Kho Kho – AIU Participation
57	Chikhale Aniket Somnath, T.YB.Com.	Kho-Kho – WZ Participation
58	Vora Jay, F.Y.B.B.A.	Fencing – WZ Participation
59	Poorva Dhoke, M.A. 1 year	Handball – WZ Participation
60	Shinde Vedika Pralhad, F.Y.B.A.	Volleyball – State Gold
61	Yadav Pramod Devang, S.Y.B.B.A.	Boxing – State Gold
62	Pawade Sanskar Tanesh, F.Y.B.Sc.	Volleyball – State Gold
63	Nangane Samarth Sahebrao, F.Y.B.A.	Volleyball – State Gold
64	Jagtap Akanksha Pramod, S.Y.B.Com.	High Jump – State Gold
65	Giri Vidya Vasant, T.Y.B.A.	Baseball & Softball – State Silver & State Silver
66	Dhok Shravani Dharmendra, T.YB.Sc.	Baseball – State Silver
67	Chavan Aniket Sanjay, F.Y.B.B.A. CA	Boxing – State Silver
68	Thombare Malhar Balasaheb, T.Y.B.A.	Volleyball – State Bronze
69	Kawade Rudraksh Kawade, F.Y.BBA (Finance)	Fencing – State Participation
70	Panavkar Sharad, S.Y.BCA	Softball – State participation
71	Lokare Mayur, T.Y.B.A.	Softball – State Participation
72	Tandale Sandip, T.Y.B..A	Softball – State Participation
73	Javare Lalit, M.A. 1 year	Softball – State participation
74	Khedekar Shivam, F.Y.B.A.	Softball – State participation
75	Deepika Raj, T.Y.B.A.	Volleyball – State Participation
76	Sudrik Akansha, F.Y.B.A.	Hockey – IZ Gold
77	Thorat Karina Bandu, T.Y.B.A.	Baseball – IZ Gold
78	Vyavhare Ganesh Suresh, T.Y.B.Com.	Football – IZ Gold
79	Agale Shreya Rahul, F.Y.B.B.A.	Vollyball – IZ Gold
80	Jagtap Akanksha, T.Y.B.Com.	Athletics – IZ Silver
81	Bedarkar Bhakti, F.Y.B.Sc.	Athletics – IZ Silver
82	Khimore Rahul Tukaram, F.Y.B.Com.	Boxing – IZ Silver
83	Thanvane Samruddhi, F.Y.B.B.A.	Cricket – IZ Silver
84	Jagtap Purva, T.Y.B.B.A.	Cricket – IZ Silver
85	Inamdar Aarshiya, S.Y.	Cricket – IZ Silver
86	Dhumal Neha, T.Y.	Cricket – IZ Silver
87	Kulkarni Sharayu, T.Y.	Cricket – IZ Silver
88	Jagtap Purva, T.Y.	Cricket – IZ Silver

89	Kaple Bhanavi Anil, T.Y.B.Com.	Cricket – IZ Silver
90	Jorkar Soham Santosh, F.Y.B.Com.	Wrestling – IZ Silver
91	Shewale Rohit Kamalakar, S.Y.B.Sc.	Handball – IZ Silver
92	Sahni Vikas, F.Y.B.A.	Handball – IZ Silver
93	Rathod Govinda, T.Y.B.A.	Handball – IZ Silver
94	Jabre Jay, M.A. 1 year	Handball – IZ Silver
95	Kore Tanvi, T.Y.B.A.	Handball – IZ Silver
96	Dhanve Apeksha, S.Y.	Handball – IZ Silver
97	Kapre Mansi, T.Y.B.A.	Handball – IZ Silver
98	Sarode Pranav, F.Y.B.Sc.	Handball – IZ Silver
99	Bamnalikar Kunal Bhimashankar, S.Y.B.B.A.	Hockey – IZ Silver
100	Shinde Tej Prakash, T.Y.	Hockey – IZ Silver
101	Patil Aditya Ashok, F.Y.B.Sc.- CS	Hockey – IZ Silver
102	Jangam Rachana Anil, S.Y.B.Com.	Kho Kho – IZ Silver
103	Malusare Runal Mohan, M.A. (Pol.Sci.-II)	Netball – IZ Silver
104	Unavane Rohan Baburav, S.Y.B.A.	Netball – IZ Silver
105	Jadhvar Nikhil, M.A. 1	Netball – IZ Silver
106	Thorat Karina Bandu, T.Y.B.A.	Softball – IZ Silver
107	Chavan Rupali Somnath, T.Y.B.A.	Softball – IZ Silver
108	Dhok Shravani Dharmendra, T.Y.	Softball – IZ Silver
109	Wankhede Prajyot Santosh, M.A. 1	Softball – IZ Silver
110	Wankhede Apurva Dnyaneshwar, M.A. 1	Softball – IZ Silver
111	Jadhav Saurabh, M.A. 1 year	Baseball – IZ Participation
112	Khedekar Shivam, F.Y.B.A.	Baseball – IZ Participation
113	Gokhale Saurabh, M.A. 1 year	Baseball – IZ Participation
114	Panavkar Sharad, S.Y.B.C.A.	Baseball – IZ Participation
115	Bansode Ketan, M.A. 1 year	Baseball – IZ Participation
116	Mhaske Aditya, F.Y.B.A.	Baseball – IZ Participation
117	Holkar Prathmesh, S.Y.B.A.	Cross Country – IZ Participation
118	Agre Aniket, F.Y.B.Sc.	Hockey – IZ Participation
119	Murkute Sai Honajim, S.Y.B.Sc. (CS)	Football – IZ Participation
120	Londhe Nupoor, T.Y.B.Sc.c	Football – IZ Participation
121	Kore Tanvi, T.Y.B.A.	Football – IZ Participation
122	Nupoor Londhe, F.Y.B.B.A.	Football – IZ Participation
123	Chavan Shalmali Tanaji, S.Y.B.Com.	Football Women – IZ Participation
124	Gavale Yogita Sunil, S.Y.B.Com. (A)	Judo – IZ Participation
125	Mate Aanchal Amar, F.Y.B.Com. D	Judo – IZ Participation
126	Kodag Shubham Annasaheb, M.A. History	Korfball – IZ Participation
127	Patil Avinash Sanjay, M.A. MARATHI -1	Korfball – IZ Participation
128	Naina Mahipal Rawat, S.Y.B.A.	Korfball – IZ Participation
129	Kodag Shubham Annasaheb, F.Y.MA History	Korfball – IZ Participation
130	Patil Avinash Sanjay, F.Y.M.A. Marathi	Korfball – IZ Participation
131	Ghorpade Shrikar Somnath, T.Y.B.Sc.	Decathlon – IZ Participation
132	Borhade Sakshi Tryambak, S.Y.B.Com.	Baseball – IC Gold
133	Rupali Somnath, T.Y.B.A.	Baseball – IC Gold
134	Rupali Somnath Chavan, T.Y.B.A.	Baseball – IC Gold
135	Lokare Mayur, T.Y.B.A.	Baseball – IC Gold
136	Kawade Rudraksh Ajay, F.Y.BBA (Finance)	Boxing – IC Gold
137	Poredi Shivani Kiran, F.Y.B.B.A.(IB)	Football , Volleyball – IC Gold
138	Mulla Zaeid Riyaz, SY.BSC.CS	Hockey – IC Gold
139	Tarde Pratik Pralhad, F.Y.-B.Sc. (CS)	Hockey – IC Gold

140 Pandey Abhishek Santosh, F.Y.B.B.A.-CA	Hockey – IC Gold
141 Gholap Shweta Pandurang, M.A. Part 2	Korfball – IC Gold
142 Purva Nandu Dhoke, F.Y.M.A. GEO.	Korfball – IC Gold
143 Kadam Poonam Dnyaneswar, T.Y.B.COM.	Korfball – IC Gold
144 Kadam Pooja Dnyaneshwar, F.Y.B.COM.	Korfball – IC Gold
145 Pawar Aarya Vilas, S.Y.BSC. CS	Korfball – IC Gold
146 Dhoke Purva, M.A. 1 year	Squash – IC Gold
147 Phalake Aditi Vijaykumar, S.Y.B.Com.	Volleyball – IC Gold
148 Kore Sonal Mahesh, S.Y.B.Com.- A	Volleyball – IC Gold
149 Yewale Prerana Dasharath, F.Y.B.S.c. (CS)	Volleyball – IC Gold
150 Prajapati Seema Vijayraj, F.Y.B.Sc. CS	Volleyball – IC Gold
151 Poredi Shivani Kiran, F.Y.B.B.A.	Volleyball – IC Gold
152 Holkar Prathmesh, S.Y.B.A.	Athletics – IC Silver
153 Dharme Trupti Revannath, T.Y.B.Sc. Com.	Ball Badminton – IC Silver
154 Kouchi Vaishnavi Virbhadr, M.A. Part 2	Ball Badminton – IC Silver
155 Borhade Sakshi Tryambak, S.Y.B.Com.	Cricket – IC Silver
156 Hole Radhika Sandip, First year	Football – IC silver
157 Rajguru Vinisha Vikas, F.Y.B.Sc.Microbiology	Football – IC Silver
158 Borate Shravani Rajendra, F.Y.B.B.A. (IB)	Football – IC silver
159 Shreepadvallabh Pandurang G., T.Y.B.A.	Handball – IC silver
160 Chavan Nikita Suresh, S.Y.B.Com.	Handball – IC silver
161 Shinde Swarup Balu, T.Y.B.Com.	Kho-Kho(Men) – IC Bronze
162 Tiwaskar Samarth Pramod, T.Y.B.C.S.	Kho-Kho (Men) – IC Bronze
163 Waghmare Suyog Dilip, T.Y.B.S.C.	Kho-Kho (Men) – IC Bronze
164 Kamble Karan Ramesh, F.Y.B.C.S.	Kho-Kho (Men) – IC Bronze
165 Shinde Harshraj Subhash, F.Y.B.S.C.CS	Kho-Kho (Men) – IC Bronze
166 Linge Shubham Nilkanth, T.Y.B.COM.	Kho-Kho (Men) – IC Bronze
167 Kute Omkar Ramesh, F.Y.B.COM.	Kho-Kho (Men) – IC Bronze
168 Prajapati Manish Shravan, T.Y.B.Com.	Kho-Kho (Men) – IC Bronze
169 Waje Sahil Shalivahan, S.Y.B.B.A. CA	Kho-Kho (Men) – IC Bronze
170 Badade Omkar Ravindra, T.Y.B.S.C. (CS)	Kho-Kho (Men) – IC Bronze
171 Uttekar Rahul Harishchandra, T.Y.B.COM.	Athletes 1500m – IC Bronze
172 Walhekar Vedant Vikram, F.Y.B.Com.	Kho Kho – IC Bronze
173 Mahajan Manish Bharat, T.Y.BCS.	Kho-Kho (Men) – IC Bronze

State Sports Day Celebration

(Tug of War Competition Winner List)

Boys Winner	Class
1 Mangesh Kulkarni	FY BBA
2 Sudhanshu Singh	FY BBA
3 Saurabh Aswar	FY BBA
4 Pranav Bhosale	FY BBA
5 Yash More	FY BBA
6 Rudrashk Kawade	FY BBA
7 Kapil Das	FY BBA
8 Aditya Dongare	FY BBA
9 Shubham Jagtap	FY BBA
10 Vishal Sin	FY BBA
11 Pranav Mudgol	FY BBA
12 Prasad Pardeshi	FY BBA
13 Karan Jadhav	FY BBA

Girls Winner	Class
1 Sonal Kore	FY BBA
2 Ishwari Pansare	FY BBA
3 Kartika Dalvi	FY BBA
4 Samruddhi Pardhi	FY BBA
5 Sayali Dighe	FY BBA
6 Pranali Mane	FY BBA
7 Shruti Jadhav	FY BBA
8 Sanskruti Karande	FY BBA
9 Prerana Yewale	FY BBA
10 Samiksha Dangat	FY BBA
11 Rachana Ranpise	FY BBA
12 Prachi Raccha	FY BBA
13 Kalyani Hingane	FY BBA
14 Nikita Chavan	FY BBA
15 Henal Shah	FY BBA

National Sports Day Celebration

(5-A side football Competition Winner List)

Boys Winner	Class
1 Sourav Khot	FY BBA
2 Vedant Kowale	FY BBA
3 Purab Atre	FY BBA
4 Tejas Ghadge	FY BBA
5 Anuj Sutar	FY BBA
6 Shubham Singh	FY BBA

Boys Runner up	Class
1 Kunal Lakhera	H.S.C.
2 Ayush Gaikwad	H.S.C.
3 Vishal Pawar	H.S.C.
4 Tanmay Bhole	H.S.C.
5 Hruday Tarade	H.S.C.
6 Sudarshan Sonavane	H.S.C.
7 Prathamesh Jadhav	H.S.C.

Weight loss Competition

Students	Class
1 Gawade Atul	F.Y.B.A.
2 Bilange Rupesh	F.Y.BSc
3 Tope Harshal	F.Y.BSc

Staff (Womens)

- 1 Dr. Kanchan Shelke
- 2 Prof.Kamble Pooja
- 3 Dr.Vaishali Aher

Staff (Mens)

- 1 Shri. Kondhalkar Hrishikesh
- 2 Dr. K.D.Gopale
- 3 Shri. Vilas Lad

- **Dr.Vikram Phale**
Director of Physical Education
Chairman G.M.C.



MISSION STATEMENT

To Create Multidisciplinary Best Citizens
To Suit The Local, National And International Needs
Having Scientific Temperament, Moral, Ethical Values
And Multifaceted, Proactive Personality
By Providing Excellent Education.



Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous)
Shivajinagar Pune-5
Re-accredited by NAAC with A+ grade (CGPA 3.51)