Progressive Education Society's

MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE

Shivajinagar, Pune 411005, Maharashtra, India

- NAAC Re-accredited with 'A' Grade, 2010.
- 'Best College Award', UoP, 2008.
- Permanently affiliated to Pune University.

b) Participated in one day workshop on Safety in thew Laboratory organised by Department of Chemistry, B.J.S. College, Wagholi, Pune on 31st January, 2011.
Work related to safety measures was carriedout in this year. Now the department has a unique facility of fuming hoods, safety showers and eye washes etc.
CHEMIAD examination for F.Y. B.Sc. students was conducted on behalf of university of Pune on 16th January, 2011 coordinated by **Prof. R. M. Jagtap.**

The Department organised a Lecture series of various experts from Research Laboratories, Educational Institutions and Pharmaceutical Industries under Modern Chemical Society.

8) Dr. S. K. Ujlambkar

a) 18th September, 2010 gave a lecture on different forms of Lord Ganesha.
b) 10th September, 2010 gave an interview to Sakal Herold on Collection of Calenders, Idols of Lord Ganesha for Last 40 years.
c) 20th September , 2010 Article of Dr. S. K. Ujlambkar is published in Sakal Herold.
d) 21st September , 2010 gave a lecture on various forms of Lord Ganesha, at 'Little Wonder Nursary School.
e) 24th September , 2010: NSS Foundation day Speech is given to all college students
f) 2nd October 2010: Dr. S. K. Ujalambkar is awarded " Maniratna Best Teacher Award"
g) A book written by Dr. S. K. Ujalambkar in Dr. Pradeep Agaste is published
h) P.E. Society awarded 'Best Teacher Award' to Dr. S. K. Ujalambkar.

- S.R. POKHARKAR, Head

Department of Commerce

1. **Name of the department** :Department of Commerce
   Year of Establishment: 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
   B.Com. : 1970
   M.Com. : 1977
   Ph.D. : 2008
4. **Names of Interdisciplinary courses and the departments / units involved**

- Certificate Course in Tally
- Certificate Course in *Modi* script
- Certificate Course in Graphology

5. **Annual / semester (Programme wise):**
   B.Com.: Annual Pattern
   M.Com.: Semester Pattern
6. **Participation of the department in the courses offered by other departments Lectures by members of the department:**

- Lectures for M.Sc. Botany on 'Entrepreneurship Development'
- Lectures for T.Y. B. Sc. Biotechnology on 'Bio-Process Economics'
- Lectures for First Year B.B.A. and B.C.A. on 'Advanced Accounting and Costing'
- Lectures for T. Y. B.Sc. Electronics on 'Entrepreneurship Development'

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	7	7
Assistant Professors	5	5

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Y. R. Waghmare	M. Com., F.C.A., Ph. D.	Associate Professor	Advanced Accounting, Costing	30	8
Dr. S. K. Rahane	M. Com., M. Phil.,Ph. D., M. A. (Psychology - Counseling)	Associate Professor	Advanced Accounting, Costing	28	4
Dr. A. V. Kamble	M. Com., M. Phil., Ph. D.	Associate Professor	Advanced Accounting & Auditing	24	4
Prof. S. J. Ahiwale*	M. Com., M.A. (Eco), M.	Associate Professor	Advanced Accounting	21	-

	Phil.				
Dr. R. W. Kulkarni	M. Com., F.C.M.A., M. Phil, M.M.S., Ph.D.	Associate Professor	Advanced Costing	27	-
Dr. V. N. Gaikwad	M. Com., SET, Ph.D.	Associate Professor	Advanced Accounting	18	-
Prof. A. V. Desai	M. Com., SET	Associate Professor	Marketing and Corporate Law	17	-
Prof. S. R. Hirve	M. Com., SET	Assistant Professor	Advanced Accounting, Costing	6	-
Prof. R. D. Bansode*	M.Com., D.T.L., G.D.C.& A., NET	Assistant Professor	Advanced Accounting	10	-
Prof. R. Y. Deshpande	M. Com., M. B. A., LL.M., NET	Assistant Professor (Part time)	Mercantile Law	26	-
Prof.Rasika Date	M. Com., SET., A.C.A.	Assistant Professor (Part time)	Advanced Accounting & Auditing	15	-

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: B.Com.: 6% , M.Com.: 4%

13. Student – Teacher Ratio (programme wise):

B.Com.: 15:1
M.Com.: 12:1

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

Four posts sanctioned and filled. Three Faculty Clerks from main office and one Attendent in the department provide the administrative support.

1. Qualification of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / PG.

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	8	4	5	-	-

16. Number of faculty with ongoing projects from a) National b) International Funding agencies and grants received: 01

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

18. Research Centre /facility recognized by the University:

Post Graduate Research Centre in Commerce, established in 2008, is recognized by the Pune University, Pune-7.

19. Publications:

Name of the faculty	Research Papers			Books			Total publications
	International	National	Presented in Conference	International	National	Book chapter	
Dr. Y.R.Waghmare	1	7	-	-	4	-	12
Dr. S. K. Rahane	-	-	1	-	-	-	1
Dr. A. V. Kamble	-	3	-	-	-	-	3
Prof. S. R. Hirve	-	2	2	-	-	-	4
Prof. R. D. Bansode	1	3	-	-	-	-	4
Prof.Rasika Date	1	3	5	-	1	-	10

- **Monographs published by the department:**

20. Areas of consultancy and income generated:

Sr.No.	Name of the faculty	Area of consultancy
1.	Dr. Y.R.Waghmare	Investment and Financial Audit
2.	Dr. S.K.Rahane	Pre-marital counselling and general counselling
3.	Prof. Rasika Date	Investment and Tax Planning

21. Faculty as members in a) National committees, b) International Committees, c) Editorial Boards

Dr. Y. R. Waghmare and Prof. Rasika Date are members of the Institute of Chartered Accountants of India

22. Student Projects:

a) **Percentage of students who have done in-house projects including inter departmental/programme:** 100% at PG level

b) **Percentage of students placed for projects in organizations outside the institute i.e., in Research laboratories/ Industry/ other agencies:** Nil

The details of UG level students participating in *Avishkar*, a *Research* Project Compitition organized by Pune University, are as follows:

YEAR 2010-11

Sr. No.	Name of The Student	Title of Project	Class	Name of The Guide

1	Pranav C. Shirole Sagar Shah	A Study impact of Levy of Income Tax on selected Urban Co-operative Banks in Pune District	S.Y.B.Com	Prof. Rasika Date

The project was selected in the Pune University team for State Level Research Project Competition *Avishkar* 2010-11 held at Nashik.

23. Awards / Recognitions received by faculty and students: Nil.

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

- Dr. Banergee Sudipti: Head, Department of Commerce, Univseristy of Calcutta.
- Dr. Sanjay Kaptan: Head, Department of Commerce, Pune University, Pune.

25. Seminars/ Conferences / Workshops organized & the source of funding

a. National: 01
b. International: Nil
c. State: 01

Year	Particulars	Theme
2010-11	One Day Workshop on 11th Oct., 2010	Revision of syllabi for T.Y.B.Com.
2010-11	State Level Seminar on 11th and 12th March 2011	Implementation of the International Financial Reporting Standards (IFRS)

27. Students profile (programme/course wise):

UG:

Name of the programme (B.Com.)	Applications received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	2000	441	209	232	86.00

PG:

Name of the programme (M.Com.)	Applications received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	260	61	21	40	45.00

27. Diversity of Students

B.Com

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	0	Nil

M. Com.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	99.09	0.00	0.91

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: 02

29. Student progression

Student progression	Against % enrolled
UG to PG	PG strength is less as compared to UG. Out of total students admitted for PG more than 50% are our UG students.
PG to M.Phil.	-
PG to Ph.D.	8 students
Ph.D. to post –Doctoral	-
Employed	
- Campus selection - Other than campus recruitment	Placement cell of the college provides assistance and guidance to the students for employment.
Entrepreneurship /Self-Employment	The department organizes *Vyapar Mela,* a trade fair for promoting entrepreneurship/self-employment.

30. Details of infrastructural facilities

- Library: Yes
- Internet facilities for staff & Students: Yes
- Class room with ICT facility: Yes
- Laboratory: Yes

31. Number of students receiving financial assistance from college, university, government or other agencies:

Academic Year	Total number of students
2010-11	53

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts – Guest lectures, Seminars, Soft Skills Development Workshop.

A variety of activities are undertaken by the department for the enrichment of students and for developing the interests in the various subjects. These activities include:

- **Add-on courses**
  - A course on Tally
  - A course on *Modi* script
- **Skill Development Workshops on:**
  - Accounting and Finance
  - E-Tax Accounting
  - Stock Trading
  - Graphology
  - Project report competition
  - Employment guidance and interview technique programme
  - Career Planning lectures, lectures on how to prepare for M.B.A. entrance examination
  - Special guidance for other competitive examinations
  - Professional Examinations: Guidance is informally provided to the students to appear for C.A., I.C.W.A., & CS examinations, along with the University Curriculum.
  - Presentations by Students
  - Quiz Competition
  - Paper reading competition
  - Group Discussion
  - Debating and elocution competition on the subjects of current importance
  - Placement and counselling

33. Teaching methods adopted to improve student learning:

- Use of ICT in classrooms, Multiple Choice Question Tests, Group Discussions, Presentations by students

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Through NCC and NSS, and Vidyarthini Manch

35. SWOC analysis of the department and future plans:

Strengths:

- Well qualified and experienced faculty with few members having professional qulaification
- Permanent Post-Graduate recognition
- Most of the faculty members have PG recognition
- Adequate options available to the students at various levels
- Research Centre for pursuing Ph. D. in Accountancy, Banking and Finance, Business Administration, Marketing Management, Business Practices and Business Economics.
- Some members of the Department are Members of the Boards of Studies and Senate of Pune University.
- The Department organises industrial visits, workshops, guest lectures, seminars, exhibition and various competitions for all round development of the students.

Weaknesses:

- Some students are from vernacular medium and opt for Marathi as medium for examination purposes as permitted by the Pune University. This has an adverse effect on teaching, learning and the career prospects of the students.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- More research oriented projects
- More use of digital classroom, virtual classroom, ITC.
- More exposure to practical experience
- Placement activity on larger scale

Challenges:

- Meritorius students opt 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.
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans:

- All faculty members will be Ph.D. qualified by 2020.
- E-brochure for better placement of the students.
- More tie-ups with various industries and more add-on courses in collaboration with these industries for the benefit of the students.

Departmental Activity:

Academic Results: The result of B. Com. Examination held in April, 2010 was 79%. 56 students secured Distinction. The Topper scored 81% marks.

New Courses: Three new courses viz. Bachelor of Business Administration (BBA) BCA and MCA (Comm.) were commenced in July, 2010 under the able leadership and guidance of Prof. A. G. Gosavi, Visitor and Head of the

Department. He has been appointed as Professor- in- charge for the above courses by the P.E. Society. Prof. S. R. Hirwe and Prof. P.B. Mujumdar (Department of Economics) are appointed as Co-ordinators for the new courses

National Duty: Following Staff Members of the department were engaged for Census of India 2011 during the First phase (1st May, 2010 to July, 2010) and Second Phase (9 th Feb., 2011 to 5 th March, 2011)

1) Dr. R. W. Kulkarni
2) Prof. S. J. Ahiwale
3) Prof. R. P. Date
4) Prof. R. D. Bansode
5) Prof. D. P. Mule

Workshops and Seminars:

1) The Department organised a Workshop on 'Revision of Syllabus for T.Y. B. Com.' On 11 th October 2010. It was inaugurated by Dr. Sanjay Kaptan, Head, Department of Commerce and Research Centre (DCRC), University of Pune. The workshop received overwhelming response from many colleges in and around Pune. Dr. S. K. Rahane was the Co-ordinator of the Workshop.
2) A State Level Seminar on Implementation of International Financial Reporting Standards (IFRS) was held on 11th and 12th March, 2011. 99 participants were present for the Seminar.

Field Visits

Dr. Mrs S. K. Rahane and Prof. S. R. Hirwe organised a visit of M.Com. and S.Y. B. Com. Students to Vidyavani.

Prof. S. J. Ahiwale and Prof. Moreshwar conducted field visit for benefit of S.Y.B.Com and T.Y.B.Com while Dr. A.V. Kamble and Dr. R.W.Kulkarni conducted visits for F.Y.B.Com. Students.

Lecture Series

The Department organized three lectures under Quality Improvement Programme of University of Pune for the benefit of students of Under Graduate and Post Graduate classes of the Commerce Faculty. Dr. R.W.Kulkarni was the Co-ordinator of the Lecture Series.

Research Centre in Commerce

During the year 2010-11, fourteen students were shortlisted for admission to the Ph. D. programme of University of Pune in Commerce. Ten Students have been granted provisional registration.

ACHIEVEMENTS OF STAFF

1) Prof. Anant G. Gosavi (Visitor and Head)

i) Appointments of Honour –
   - As Academic Co-ordinator of MBA Programme of PES MIBM, Pune
   - As Member, Academic Council of INDSEARCH, Pune, (Autonomous Institute)
   - As Member, Board of Studies in Business Administration by St. Mira's College, Pune (Autonomous Institute)

ii) Lectures delivered-
   - Guidance Lecture for candidates appearing for SET/NET examination organised by DCRC, Pune and BMCC, Pune.
   - Resource Person in Refresher Course organised by DCRC, Pune

iii) Paper Presentation
   - On Topic 'Financial Inclusiveness with reference to Higher Education' in Seminar organised by DCRC, Pune

2) Dr. Y. R. Waghmare (Vice-Principal and Head)

i) Elected as Member of Board of Studies in Cost and Works Accounting, Faculty of Commerce, University of Pune and also co-opted as P.G.Teacher on Board of Studies in Accountancy.
ii) Invited as Resource Person for guiding students appearing for SET/NET exam in Commerce organized by:
   a) Department of Commerce and Research Centre, University of Pune
   b) B.M. College of Commerce, Pune
   c) Seth Ghanashyamdas College of Commerce, Matunga, Mumbai
   d) Hinduja College of Commerce, Churni Road, Mumbai
iii) Resource Person at State Level Seminar organized by Huzurpaga College for girls, Pune
iv) Worked as Academic Co-ordinator at the Refresher Course in Commerce in October, 2010 and delivered two lectures in the course.
v) **Books Published:** Advanced Accounting for T.Y.B.Com by Seth Publishers
vi) Research Papers published in Refereed Journals – Four
vii) One research student Vardhaman Jain was awarded Ph. D. by the University of Pune in Feb., 2011 and four students have registered for Ph.D.

3) CA Prof. Suresh K. Mehta

i) Successfully completed Third Refresher Course in Commerce
ii) Elected on the Board of Directors of Shri Laxmi Coop. Bank Ltd.
iii) Regular speaker at various seminars organised by professional and other social organisations
iv) Conducts Blood Donation programmes. So far conducted 138 camps.
v) Regular author for articles on various subjects
vi) Received donations for excellent social work – From Dr. K. H. Sancheti Rs. 1,21,000 and From Shri. A. P. Dharia Rs. 61,000.

4) Dr. Sanjeevani. K. Rahane

i) Guest Lectures delivered –
   - On 'Strategic Management' at Appasaheb Jedhe College of Commerce, Pune
   - On 'Marginal Costing and Decision Making' at Kaveri College of Commerce , Pune

ii) Worked as Convener of Past Students Interaction Committee and Coordination Committee (Annual Social Gathering) and Worked as advisor for Best Student Trophy Committee

iii) Enrolled for M. A. Psychology

5) Dr. Ashok V. Kamble

i) Elected on the Senate, University of Pune.

ii) Elected on the Board of Studies in Marketing, University of Pune.

iii) Chaired a session in State Level Seminar on 'Recent Trends in Human Resource Management'.

iv) Invited as a Resource Person for a seminar held at CMRD, Pune -5

6) Dr. Raghunath W. Kulkarni

i) Worked as Co-ordinator – QIP Lecture Series

ii) Invited as a Resource Person by
   - Ness Wadia College of Commerce, Pune
   - Abeda Inamdar College, Pune
   - T. C. College, Baramati

7) CA Rasika P. Date

i) Successfully completed Third Refresher Course in Commerce

ii) Attended Regional Research Conference 'Innovation 2010 at Lonavla College and presented some findings of ongoing Minor Research Project Funded by BCUD, Pune

iii) Worked as Judge for Business Aptitude Test in Inter-Collegiate 'Commsearch' competition held in DCRC, University of Pune

iv) Delivered a Guest Lecture on International Financial Reporting Standards (IFRS) for PG and M. Phil. Students at DCRC, University of Pune

v) Guided students for participation in Avishkar 2010 (Zonal Level, District Level as well as State Level)

8) Prof. Dattatraya P. Mule

Invited as Guest Lecturer for MCA (Commerce) in the subject 'Management Accounting'.

9) Prof. S. R. Hirwe

i) Successfully completed Orientation Course conducted by UGC Academic Staff College, University of Pune

ii) Worked as Judge for Debate Competition

iii) Appointed as Co-ordinator for the course in Environmental Awareness

iv) Active member of Commerce Association, NSS Committee, Best Students' Trophy Committee and Placement Committee.

- Dr. Y. R. Waghmare, Vice-Principal and Head

Department of Commerce (Self Financed)

1. **Name of the department:** Department of Commerce (Self Financed)
2. **Year of Establishment:** 2007
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.Com.
   M.Com.

   Names of Interdisciplinary courses and the departments/units involved: Nil
4. **Annual/ semester/choice based credit system (programme wise):**

   B.Com.: Annual Pattern

   M.Com.: Semester Pattern
5. **Participation of the department in the courses offered by other Departments:** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
7. **Details of courses / programmes discontinued (if any) with reasons:** Nil
8. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	--	31

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D Students guided for the last 4 years

Prof. M.D.Waghmare	M.Com., M.Phil.	Head of the Department and Vice Pricipal	Commerce	11	-
Prof. Philomena Rudolf Fernandes	MA, B.Ed., NET ,Pursuing Ph.D.	Assistant Professor	Economics	8	-
Prof. Sangeeta Mavale	M Com, MPM	Assistant Professor	Commerce	8	-
Prof. Mina Gawande	MSc, M.Phil. (Stats)	Assistant Professor	Commerce	3	-
Prof. Swapna Tekale	Msc. , MCA	Assistant Professor	Computer Applications	3	
Prof. Pravin Salunke	M Com, GDCA, SET, CA-IPCC	Assistant Professor	Commerce	3	-
Prof. Vaishali Doshi	M Com, CS-Inter, NET	Assistant Professor	Commerce	3	-
Prof. Shruti Pawar	MCS	Assistant Professor	Computer Science	3	-
Prof. Jasmeet Jangira-Patil	MBA - Marketing	Assistant Professor	Marketing	2	-
Prof. Amol Shinde	MBA – Finance, NET Qualified in June 2011, SAP – ERP (FI/CO), Pursuing PhD in Financial Management.	Assistant Professor	Finance	2	
Prof. Bhoomika Parmar	M Com	Assistant Professor	Commerce	2	-
Prof. Sonali Raut	MCA	Assistant Professor	Computer Applications	2	-
Prof. Lawly Das	MBA – HRM, M.A – English, Certified Corporate Trainer from British Connections, Pune	Assistant Professor	HRM	1	-
Prof. Snehal Mirajkar	MBA – Finance & Marketing	Assistant Professor	Finance & Marketing	1	-
Prof. Vaibhav Thakare	MCA	Assistant Professor	Computer Applications	1	-
Prof. Gauri Khire	MCA	Assistant Professor	Computer Applications	1	-
Prof. Pradnya Khalane	MCA, MSc(maths) , NET(CS)	Assistant Professor	Computer Applications	1	

10. List of Senior Visiting Faculty:

- Mr. Pradeep Thite, Chartered Accountant, Pune.
- Adv.AjayWagh, Civil Lawyer, Shivajinagar Court, Pune.
- Adv.Vaibhav Salunke, Cyber Law Lawyer, Pune.
- Mr. Sumit Shah, Chartered Accountant, Pune.

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

B.Com.: 5%
M.Com.: 5%
Bachelor of Business Administration (B.B.A.): Nil
Bachelor of Computer Application (B.C.A.) : Nil

12. Student -Teacher Ratio (programme wise):

B.Com.: 17:1
M.Com.: 15:1

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

Three posts of Faculty Clerk, in the college office are sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	2	2
Class 4	2	2

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

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	33	2	-	-	-

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

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

17. Research Centre /facility recognized by the University:

Few staff members are involved in research activitites. The department intends to apply for the Research Centre in the near future.

18. Publications:

Name of the faculty	Papers			Books			Total publications	Total citations	h-index
	International	National	Presented in conference	International	National	Book chapter			
Prof. Lawly Das	2	3	-	-	-	-	5	-	-
Prof. Amol Shinde	1	1	-	-	-	-	2	2	1
Prof. Philomena R. Fernandes	-	-	3	-	-	-	3	-	-
Prof. Niketan Shet	-	-	3	-	-	-	3	-	-
Prof. Vaishali Doshi	-	-	1	-	-	-	1	-	-
Prof. Sangeeta Mavale	-	-	-	-	1	-	1	-	-
Prof. Vaibhav Thakare	1	-	-	-	-	-	1	-	-

Prof. Gauri Khire	1	-	-	-	1	-	2	-	-
Prof. Namrata Gadgil	-	1	-	-	3	-	4	-	-

- **Books with ISBN/ISSN numbers with details of publishers**

Author	Name of Books	ISBN
Prof. Gauri Khire	Programming in Visual Basics.	978-93-5158-198-7
Prof. Namrata Gadgil	Computer Networking and cyber security	978-93-5158-318-9
Prof. Namrata Gadgil	Java Programming	978-93-5158-323-3
Prof. Namrata Gadgil	Advanced Web Technology	978-93-5158-479-7

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards

Nil

22. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme: M.Com.: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: M.C.A.: 100%

23. Awards / Recognitions received by faculty and students:

Name of the Faculty: Prof. Sangeeta Mavale

- *Mamta* Award for Powada.
- *Ranragini* Award for Powada.

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

- Mr. D. S. Kulkarni, Chairman, DSK Enterprises.
- Miss Kalpana Madhyani, Corporate Trainer.
- Mrs. Anu Sethi, Training Manager, Volkswagen.
- Mr. Amit Jadhav, Director of Modelcam Technologies Pvt. Ltd.
- Mr. Vilas Jagtap, CEO, *Knowledge Planet.*
- Dr. Sharayu Bhakare, Assistant Professor, Symbiosis College of Arts and Commerce, Pune.
- Dr. Rashmi Hebalkar, Member – Business Ethics Forum.
- Mrs. Yamini Mathur, Corporate Trainer.
- Mr. Mohan Palesha, Chairman – District Rotary Foundation.
- Mr. Avi Raj from IIM K, Mentor at PIBM, Pune.
- Mr. David Hangsing from IIM B, Mentor at PIBM, Pune.
- Mr. Samir Mondal, H.O.D – Academics of PIBM, Pune.
- Mr. Nihal Khan, Regional Manager - ICFL, ICICI Securities Ltd.
- Mr. Amit Kadam, Regional Marketing Manager - ROM & MPCG, ICICI Securities Ltd.
- Mr. Deepak Bodhani, Managing Partner at Digitech Engineers.
- Mr. Mahendra Patil, Head – HR, Whirlpool.
- Mr. Ravindra Singh, CFO, LOOP Mobile.
- Mr. Sunil Kumar Singh, AVP, Channel & Business Development, PIAGGIO Vehicles.
- Mrs. Anne Anish, Kensho Image Consultancy.
- Dr. P. V. Sathe, Coordinator, Research Centre, BMCC, Pune.
- Dr. N. M. Wechalekar, Director, IndSearch.
- Dr. N. M. Nare, Principal, T C College.
- Adv. Ajay Wagh, Advocate.
- CA. Sumit Shah, Partner, Vakhariya Associates.
- Dr. Sanjay Kaptan, HoD, DCRC, Pune University
- Dr.Y.M.Thorat Vice Principal Jedhe College
- Dr.Mukund Mahajan –Retired Associate Prof.in Economics.
- Mr. Rajendra Rakhecha, CEO, Earthsoft Consultant
- Prof. Dr. Ranjit Patil, Vice Principal, DY Patil College.
- Prof. Shivendu Bhushan, HoD BCA, Indira College of Commerce and Science.
- Mrs. Shakila S., HOD, Computer Science, Abeda Inamdar Senior College.
- Dr. Bhooshan Kelkar, IT Expert.
- Mr. Amit Jadhav, Entrepreneur.
- Mr. Bharat Jagtap, Sr. S/w Associate, Bitcode Technologies.
- Mr. Vilas Jagtap, Corporate trainer.
- Mrs. Yamini Mathur, Corporate Trainer.

25. Seminars/ Conferences/Workshops organized & the source of funding:

- National: 01 (Funded by Pune University under QIP)
- State: 05 (Funded by Pune University under QIP)
- District: 02 (Funded by Pune University under QIP)

26. Student profile programme/course wise:

B.Com.

Name of the course/ Programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	5	5	3	2	40.00

M.C.A.

Name of the course/ Programme (M.C.A.)	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	58	58	26	32	92.00

27. Diversity of Students:

MCA

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?: Defence Service: 2%

29. Student progression

Student progression	BBA	B. Com.	BCA	M.Com.	MCA
UG to PG	80%	60%	89%	-	-
PG to M.Phil.	-	5%	-	-	-
PG to Ph.D.	-	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-
Employed					
➨ Campus selection ➨ Other than campus Recruitment	15%	5%	4%	10% 5%	58% 40%
Entrepreneurship/Self-employment	5%	25%	Nil	5%	2%

30. Details of Infrastructural facilities:

- Library- Yes
- Internet facilities for Staff & Students: 4 Mbps optic fibre leased line)
- Class rooms with ICT facility: 100%
- Laboratories: Yes

Instruments	Quantity		
	Computer Lab I	Computer Lab II	Computer Lab III
Computer	31	26	43
LCD Projector	1	1	1
UPS	1	1	1
Server	1	1	-
Dot Matrix Printer	3	3	6
Laserjet Printer	-	-	2
A.C.	2	2	-
CCTV cameras	1	1	-
Intercom	-	1	1
Laptop	-	-	3

31. Number of students receiving financial assistance from college, University, government or other agencies:

- Department level fee concession is given to selected financially weak students.

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

Commerce department organized lecture series at local level under the banner 'Grahak teerth vyakyanmala" where eminent speakers such as ACP Barge on Cyber Security, Renu Gavaskar, a social worker, Dr. Milind Bhoi were invited to motivate students for various aspects of learning and skill developments.

- In house Lecture series under soft skill on Direct Taxes - lecture by CA Sumit Shah for M.Com. students

Activities of M.C.A.

- Poster Competition on the topic of Cyber Security
- Past students support in placement of current batch students in the reputed IT Industries and in offering training programmes.
- Project guidance from alumni to the students in the form of lectures, project guidance and by conducting counseling sessions.
- Mock Interviews were conducted by the past students who are working in reputed IT industries.

- Seminar on Communication Skills.
- Extra lectures on PHP and .NET. The students collected information about the expectations of the IT industries (Skill and Knowledge wise) and it was found that the important area of knowledge are not covered in the present M.C.A. (Commerce) syllabus. The college took steps to organize separate lectures to impart knowledge regarding these areas (PHP and .NET)

33. Teaching methods adopted to improve student learning:

- Chalk & talk
- PowerPoint presentations
- Topic wise group discussion
- Audio-visual presentations
- Student mentoring & counselling sessions
- Practicals

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Several NGOs like 'Make a Wish Foundation', 'Sanjivani Oldage Home', 'Punurutthan Sarmsamtam Gurukulum Sanstha', 'CRY', 'Tell Us'and 'Jankalyan Netrapedhi' visited our campus and interacted with the students. They motivated students to get involved in various social activities like helping the poor, old people, help in abolishing the system of child labour, eye donation, AIDS awareness, blood donation camp, donations of clothes, books, shoes and toys, etc.
- Various NGO's like Amhi Yuva, Eklavya Nyasa, Sahyog Trust, Netrajyoti Pratishthan, Drishti Group as well as eminent speakers like Shri. Vishwambhar Chaudhari, Shri.Milind Ekbote, Smt. Renutai Gawaskar, Adv. Asim Sarode, Dr.S.K.Lodha, Dr.Satish Desai, Shri.Bhanupratap Barge visited our campus to interact with the students and to motivate them in getting involved in various social activities like help the poor, save animals, empower women , Young Movement against drugs and alcohol, Social Networking , clothes and book donations, etc.
- Students of department of B Com actively participate in "Social Week" which is organized every year in the month of December. In this week students pay social visit to hospitals, Orphanages, Blood donation camps are organized.
- Our students also participate in "Road safety Week" in the month of January as directed by RTO. Students are actively involved in cleanliness drive .Street plays are organized creating awareness about various social issues.
- In order to sensitize the students towards martyr of freedom struggle various lectures were organized.

35. SWOC analysis of the department and future plans:

Strength:

- B.Com. programs provides the basic platform for the students. These courses aim at acquiring the skills, which are highly demanded in the industry.
- Students are trained according to the demands of the industry and economy. Teachers are young, dynamic and well qualified and have registered for PhD. They are also actively involved in syllabus framing, research activities, developing teaching techniques and organizing various curricular and co-curricular activities
- By inviting experts from various fields like IT, finance, marketing, HR, etc the department provides professional touch to the courses offered.
- Numerous activities are conducted to develop & improve professional skills through presentations, group discussions, role-plays, etc.
- A system of Class Advisors is used to implement Mentorship.
- For overall development of students we encourage them to participate as well as organise co-curricular & sports activities. Our students have achieved exemplary results in various sports events at zonal, state & National level.
- Youth week and '*Aarohan* - Exploring Limitless Talent' (annual college fest) is celebrated to encourage engagement and participation of youth, essential to achieve sustainable human development.
- Department identify academically weak students & holds remedial classes.
- Student participation in NSS & NCC provides opportunity in serving the social and National Goal of education.
- Placement cell organises various skill based training programs on interview, GD, Image building, aptitude skill for the students to make them employable.
- Placement cell is well connected with different colleges to participate in pool campus placements as also with different companies engaged in campus recruitment. They are also well connected with the students in informing them about various placement activities through the social networking sites.
- The management is also equally supportive about initiating IT enabled classrooms, computer laboratory and other infrastructure for the students.

Weakness:

- Few students joining this course come from vernacular medium and a few from those countries where English is not their native language. MCA being professional courses, the medium of instructions is English. Therefore, these students find it difficult to understand the lectures and deliver the same during the exams.
- The students need to get practical exposure with reference to actual working of the industrial and commercial organizations.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Since commerce is a booming sector, lot of employment opportunities are available to the students.
- More practical oriented projects and employment-oriented programmes can be initiated with the support of the management.

Challenges:

- Motivating and enhancing the students' merit is a challenge when the students seeking admission have lower scores at HSC.
- To mould the students as per the demands of the economy/society is the most challenging factor. Students who take admission are from traditional background, motivating them to take up professional course.
- To improve communication skills of the students, particularly those coming from vernacular background.
- To make international students adapt to local academic environment.
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plans:

- Department will associate with more experts from industrial and commercial sectors to enhance the employability of the students.
- Department will provide maximum lab hours for enhancing practical knowledgebase of student.
- To develope an effective network with industrial and commercial sectors in order to facilitate better training and placement activities.

Departmental activities:

??comm (self financed)????

Department of Computer Science

1. **Name of the department:** Computer Science
2. **Year of Establishment:** 1986
3. **Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D, Integrated Masters; Integrated Ph.D, etc.):**

   UG Courses: B.Sc. (Computer Science)
   PG Courses: M.Sc. Computer Science
4. **Names of Interdisciplinary courses and the departments/units innvolved:**

   Data Mining: Department of Statistics

   DIP, Numerical Methods, Discrete Mathematics, Operational Research, Design and Analysis of Algorithm: Department of Mathematics

   Technical English : Department of English
   Fundamentals of Computers, Use of Computers: Department of Biotechnology
   Computer Networks, Advanced Networking, Embedded Systems: Department of Electronic Science
   Computer related subjects: M.C.A. (Commerce) / M.Com. (e-Commerce)
5. **Annual/ semester/choice based credit system (programme wise):**

   UG: F.Y. : Annual Pattern
   S.Y. & T.Y. : Semester Pattern
   PG: Semester Pattern with Choice Based Credit System
6. **Participation of the department in the courses offered by other Departments:**

	Name of the staff member	Department	Subject Name	Year
	Prof. Sonali Vetal	Biotechnology	Fundamentals of Computer	2010-11

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:**
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	30	23

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

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Prof. Shamkant S. Deshmukh	M.C.S.	Head	Computer Science	16
2	Prof. Mrs. Manisha S. Suryawanshi	M.C.S., M.Phil	Asst. Professor	Computer Science	16
3	Prof. Mrs. Sangeeta S. Raut	M.Sc. ADCSSA	Asst. Professor	Electronics	14
4	Prof. Mrs. Madhuri S. Ghanekar	B.Sc. Applied, M.C.M.	Asst. Professor	Computer Management	12
5	Prof. Abhijit V. Sathe	M.C.S.	Asst. Professor	Computer Science with Specialization in Scientific Computing	12
6	Prof. Mrs. Shilpa R. Dange	M.C.A., M.Phil. Ph. D. persuing	Asst. Professor	Computer Science	9

7	Prof. Mrs. Anjali S. Sardesai	M.C.S., SET, NET	Asst. Professor	Computer Science	9
8	Prof. Mrs. Vaishali C. Bhoite	M.Sc. , SET	Asst. Professor	Computer Science	9
9	Mrs. Kalyani Salla	M.C.S., M. Phil.	Asst. Professor	Computer Science	7
10	Prof. Mrs. Shweta Khadse	M.Sc., NET	Asst. Professor	Computer Science	9
11	Prof. Sanjay Mahajan	M.Sc.	Asst. Professor	Computer Science	6
12	Prof. Mrs. Sheetal Patil	M.Sc.(Comp. Sci.) , SET	Asst. Professor	Computer Science	2
13	Prof. Mrs. Sonali Vetal	M.Sc. (Comp. Sci)	Asst. Professor	Computer Science	1
14	Prof. Mrs. Sonali Deshmukh	M.C.S., NET	Asst. Professor	Computer Science	3
15	Prof. Kiran Kulkarni	M.C.A.	Asst. Professor	Computer Science	1
16	Prof. Sameer Badmanji	M.C.M.	Asst. Professor		13
17	Prof. Sanjay Daf	M.Sc. (Elect) PGDCS	Asst. Professor	Electronics	15

11. List of Senior Visiting Faculty:

- Joshi Ravindra
- Girish Govardhan
- Hrishikesh Joshi
- Renuka Zope
- Mrs. Kalyani Attarde
- Vishal Pai Vernakar
- Anjali Bafna
- Joshi Ravindra
- Himmat Thombre
- Sonali Kularni
- Neeta Natekar
- Girinath Bharade
- Nikita Ananpara /Lohar
- Jaywant Desale
- Ms. Anupama Spencer
- Himmat Thombre

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

Programme	Percentage of lectures delivered by temporary faculty	Percentage of practicals delivered by temporary faculty
B.Sc. (Comp. Sci.)	3%	NIL
M.Sc. (Comp. Sci.)	20%	NIL
M.C.A.	20%	NIL

13. Student -Teacher Ratio (programme wise):

UG : 18:1; PG : 20:1

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

Two posts of Faculty Clerk, in the college office are sanctioned and filled.

Technical	Sanctioned	Filled
Class 3 (lab assistant, lab attendant, System Engineers, Laboratory Instructors)	14	14
Class 4	2	2

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

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	21	03	-	-	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

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

18. Research Centre /facility recognized by the University:

The staff members are actively involved in the research activities. The process of starting recognized Post Graduate Research Centre by Pune University, Pune has been initiated.

19. Publications:

Name of the faculty	Papers			Books			Total publications	Total impact factor	Total citations	h-index
	International	National	Presented in Conference	International	National	Book chapter				
Prof. Shilpa Pund	2	-	1	-	-	-	3	2.157	6	2
Prof. Anjali Sardesai	3	-	5	1	-	5	6	5.173	6	1
Dr. Kalyani Salla	2	-	3	-	1	-	5	4.089	3	1
Prof. Madhuri Ghanekar	-	-	2	-	-	-	2	-	-	-

Books published:

Name of Staff	Publisher Name	Book Name
Prof. S. S. Deshmukh	Member Editorial Board	'Dnyanmay' Research Journal ISSN 2395-6898
	Pune University	S.Y.B.Sc. Practical Workbook
Prof. Madhuri Ghanekar	Pune University	S.Y.B.Sc. Practical Workbook
		T.Y.B.Sc. Practical Workbook
Prof. A.V. Sathe	Pune University	S.Y.B.Sc. Practical Workbook
Prof. Sangeeta Raut	Pune University	T.Y.B.Sc. Practical Workbook
		T.Y.B.Sc. Practical Workbook
Prof. Vaishali Bhoite	Pune University	S.Y.B.Sc. Practical Workbook
Prof. Shilpa Dange	Pune University	S.Y.B.Sc. Practical Workbook
	Editor	'Environment Observer' ISSN 2320-
Prof. Anjali Sardesai	Vision Publication	Theory of Computer Science
		Compiler Construction,

		Operating System Concepts,
		Theory of Computer Science, 2010
		Compiler Construction, 2010
		Operating System Concepts, 2010
	Pune University	T.Y.B.Sc. Practical Workbook

20. Areas of consultancy and income generated:

Non-remunerative consultancy: Lab development, installation of application, networking, laboratory set-up

21. Faculty as members in

a) National committees: NIL

b) International Committees: NIL

c) Editorial Boards:

1. Prof. S. S. Deshmukh
   - Pune International Center (PIC)

22. Student projects

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

Academic year	MSc	MCA
2010-11	8%	10%

b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:**

Academic year	MSc	MCA
2010-11	92%	90%

23. Awards / Recognitions received by faculty and students:

- Prof. Mrs. Madhuri Ghanekar presented a research paper entitled 'Management of e-waste: A case study of Pune' at the National Conference on Hazardous E-Waste Management at Modern College in Dec'13 and also received '2nd Best Paper Award'.
- Prof. Kalyani Sambhoo, Sanjay Kadam, Ashok Deshpande, 2011, 'Fuzzy Logic in EIA', National Conference on Soft Computing. Poster Received Cash Prize.

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

- Dr. Ashok Deshpande, BISC, University of California, Berkeley, USA
- Dr. Pawan Lingras, Saint Mary's University, Halifax, Canada
- Dr. S. R. Chaudhari, Shivaji University, Kolhapur.
- Mr. R.S. Deodhar, Department of Applied Mathematics, Defence Institute of Advanced Technology, Pune
- Dr.Sanjay Kadam, Senior Scientices, C-DAC,Pune
- Mr.Atul Kahate ,Sr.Consultant,Oracle Financial Ltd
- Prof.A.E.Lagad, AhmedNagarCollege,Nagar
- Dr. Jyoti Yadav, Dept. of Computer Science, Pune University, Pune
- Prof. Anjali Pendse, SKNCOE, Pune

25. Seminars/ Conferences/Workshops organized & the source of funding:

a) National: 01 (funded by Pune University under QIP)
b) International: 01 (funded by Pune University under QIP)
c) State: 02 (funded by Pune University under QIP and Word Press)

26. Student profile programme/course wise:

Under Graduate (B.Sc. Computer Science)

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010-2011	1079	176	79	97	75.38

Post Graduate (M.Sc. Computer Science)

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010-2011	2061	104	66	38	82.28

Post Graduate (M.C.A. Science)

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010-2011	421	71	40	31	95.16

27. Diversity of Students:

Under Graduate (B.Sc. Computer Science)

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	100	-	-

Post Graduate M.Sc. Computer Science

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2010-2011	100	-	-

Post Graduate M.C.A.

Name of the Course - M.C.A.	%of students from the same state	% of students from other states	% of students from abroad
2010-2011	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: Vijaya Kumbhar, Rekha Maliyalli,

29. Student progression

Student progression	Against % enrolled
UG to PG	80%
PG to M.Phil	03
PG to Ph.D	03
Ph.D to Post-Doctoral	Nil
Employed	
➨Campus selection ➨Other than campus Recruitment	4% 5%
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities:

a) **Library-** Separate library is available for each course in the department.
B.Sc.(Computer Science) : 1942
M.Sc. (Computer Science) :1633
M.C.A. :657

b) **InternetfacilitiesforStaff&Students:**
- 4 Mbps separate leased line available for students and teachers.
- Student's can access internet from each and every PC in laboratory.

c) **Class rooms with ICT facility:** 100%
- Two digital classrooms are available for the students
- Each classroom contains projector and internet facility

d) **Laboratories:** 100%
- Separate laboratories are available for B.Sc. Computer Science, M.Sc. Computer Science and M.C.A. (Science Faculty)
- Following are the details of the computers available in all laboratories:

Sr. No.	Hardware Configuration	QTY	Sr. No.	Hardware Configuration	QTY
1	PIV 2.53 C2D DG 33 M/B	35	10	P4 2.8 GHZ 845 gvsr	10
	1 GB Ram, 160 HDD, 15 TFT			80 gbhdd 256 bram	
2	P4 3.0 Dual Core 946 GZ M/B	27	11	P4 2.4 GHZ, GVSR M/B	23
	80 GB HDD, 256 Ram			80 gb HDD, 256 RAM	
	Wireless Lan		12	P4 3.0 Ghz, Intel 915 m/b	1
3	P4 3.0 HT, D102 GCC M/B	10		1 gb ram, 120 gbhdd	
	160 hdd, 256 MB Ram		13	P4 3.2 915 GAVL M/B	1
4	P4 3.0 D102 Mb 512*2 ram	3		1 GB Ram, 120 gbhdd	
	160 * 2 hdd		14	P4 1.8 ghz GLAD M/B	8
5	P4 3.0 D102, 256 * 2 ram, 160 hdd	2		256 mb ram, 40 gbhdd	
6	P4 2.4 D865 GBF M/B		15	Celeron 1.1 ghz 810 gigabyte m/b	12
	512 ram, 40 gbhdd	2		256 mb ram, 40 gbhdd	
7	P4 1.8, GVSR M/b		16	P4 1.7 ghz, D845 GBV	2
	256 ram, 40 gbhdd	4		256 ram, 40 gbhdd	
8	Celeron 1.7 Ghz, GVSR M/B		17	P4 2.8 GHZ Core to duo	20
	256 ram, 40 gbhdd	13		DG 41 TY, 250 GB HDD, 2 GB RAM	
9	HP ML-350 Server		18	Server HP ML 150 G6 Model	2
	Proliant ML 350 G-5 E-5310, 1.66 ghz 1066 fsb	1		Intel xeon 2.00 ghz	
	Total 176				

- **Laptops : 6**
- **Backup Facilities:**

Sr. No.	Particulars	Qty
1	5 KVA online UPS	1
2	10 KVA online UPS	1
3	10 KVA online UPS	1
4	10 KVA online UPS	1

5	10 KVA online UPS	1
	Total	**5**

- **Fire Extinguishers:**

Sr. No.	Particulars	Qty
1	Fire Extinguishers	2
	Total	**2**

- **Printers**

Sr. No.	Particulars	Qty
1	Epson LX 800 without tractor	2
2	Lx 800 Printer	14
3	Lx 800 Printer	2
4	HP 1319 all in one	1
5	HP 1020 printer	2
6	HP 1010 printer	1
7	**Total**	**22**

- **Microprocessor Kits**

Sr. No.	Particulars	Qty
1	8085 Microprocessor Kit	26
	Total	**26**

- **Mobile Phones**

Sr. No.	Particulars	Qty
1	Nokia N 72	1
2	Nokia E51	1
	Total	**2**

- **Projectors**

Sr. No.	Particulars	Qty
1	Optoma DLP projector	3
2	Sony ELP Projector	1
3	NEC projector	1
	Total	**5**

- **Air Conditioners**

Sr. No.	Particulars	Qty
1	Airtemp Air conditioner	1
2	Blue Star AC	2
3	Airtemp Air conditioner	4
4	LG Airconditioner	1
	Total	**8**

- **Licensed Softwares**

Sr. No.	Particulars	QTY	Sr. No.	Particulars	QTY
1	Visual Basic A.E	1	16	QuickhealEmterprise Edition	1
2	Visual C++ A.E	1	17	Quickheal Desktop Edition	5
3	Windows for Workgroup	1	18	Quickheal Novell Ediiton	1
4	Ms office 4.2 with foxpro	1	19	Quickheal Dos Ediiton	1
5	Lotus 123 upgrade to 3.4	1	20	Mswindows NT workstation 4.0 AE	22
6	Sco-unix 16 users cross upgrade	1	21	Mswindows 98 SE	5
7	Quickheal	1	22	Ms windows 2000 server	1
8	Novell Netware 25 users 4.11	1	23	Ms Windows 2000 cal AE OLP	22
9	Novell Netware 25 users Small business	1	24	Ms Windows Office XP Pro OLP	22
10	Quickheal Antivirus 3 yrs	100	25	Ms Visual Studio 6.0 Ent Olp	22
11	Quickheal Antivirus 3 yrs	20	26	Oracle 7.x on Novell Platform	1
12	Microsoft Windows XP Professional	1	27	Developers 2000 Enterprise	1
13	Red Hat Enterprise Server Edition	1	28	Power Builder 5.0 Desktop	1
14	Red Hat Client	1	29	Novell Dos 7	1
15	Quickheal Antivirus 3 yrs	5	30	Sybase NLM 8 users	1

31. Number of students receiving financial assistance from college, University, government or other agencies:

Academic Year	Number of sudents
2010-11	86

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts: Nil.

33. Teaching methods adopted to improve student learning:

- Chalk & talk, interactive sessions, practical sessions,power-point presentations, topic wise group discussion, audio-visual presentations, student mentoring & counseling sessions (seminars, workshops & guest Lectures).

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The department is organizing various events in collaboration with Industry.

1. CAREER EXHIBITION by "Energia Wellbeing Pvt. Ltd"

Career Exhibition is organized for college students from **11th Std. to TY Year** Students. Approximately 250 students participated in this Career Exhibition. The Team Members Consisting of Clinical Psychologists and Counsellors addressed the students in the Career Exhibition to make them understand the higher education options and areas of career specialization. It was an insightful program for the students on career planning and new age careers which helped them to begin their career planning.

2. GRE / TOEFL "QUIZTHON"

The GRE test is the most widely accepted test when it comes to studying or working in a foreign country. MBA, engineering anything can be pursued after taking this test and not only that in case you want to work abroad, the GRE scores help you there as well.

The test is divided into 4 parts: verbal reasoning, quantitative reasoning, critical thinking and analytical writing. Advantages of the GRE test are that it can be taken at an interval of 21 days and 5 times in one year. So in case you feel you have not done too well the first time, your second attempt is not too far away.

3. WORDCAMP

The Word Press Community in collaboration with the Department of Computer Science has organized a 'WORDCAMP'. The workshop coverd Technical and Theoretical sessions for Customized Website Development Using 'WORDPRESS'- A Content Management System.

35. SWOC analysis of the department and future plans:

Strengths:

- Well known IT companies regularly visit this department for placements in the IT industry on a preferred basis.
- Pune being IT hub, growing apportunities for the placement of the students are available.
- The department has young, experienced qualified and highly motivated staff.
- Adequate infrastructural facilities
- Well equipped laboratories with licensed software, 10 mbps leased line facility and Wi-Fi.
- The department has strong and active alumni support.
- The central location of the college and easy accesability from all corners.
- Established in 1986, the Department of Computer Science is a pioneering department in the field of computer science.

Weaknesses:

- The college has to give direct admissions to students passing 12th standard from same college as per the university rule. This at times adversely effects the merit criteria for the course.
- Due to certain changes in admission policies of the related cources, the overall percentage for students applying for first year has decreased

Opportunities :

- Looking at the growing IT industry, huge manpower requirement is one of the major opportunities.
- The department conducts B.Sc. (Computer Science), M.Sc. (Computer Science), M.C.A. courses through which students get ample opportunities of their progression.
- The department organises various activites such as seminars, guest lectures, workshops in which the IT experts are invited to guide the staff and students. This provides students easy access to eminent IT professionals and experts.
- The infrastructure and other facilities provided inculcate the research culture among teachers and students.
- Enhancing the quality of education, through the collaborative activity with Pune University, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

Challenges :

- To cope with the pace of technological advancement in the IT sector
- Uncertainty in the IT field.
- To meet industry specific demand with respect to manpower requirement.
- Big challenge of cyber security, malware, viruses.
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plans:

- To establish a recognized Post Graduate Research Centre.
- To enhance the infrastructural facilities and equipments.
- To upgrade platform and resources in accordance with the changes in technology and syllabi.
- To start course B.C.A. (Science Faculty).
- To develop a Computer Museum.

Departmental activity:

The need for the hour is excellence in every field of operation, and particularly "Information Technology". Realizing this need, the Computer Science Department, Modern College, Pune-05 is engaged in molding tomorrow's information and communication technologists today.

Our students are in the field of Computer Science and Applications. Their entry for the course is on the basis of merit. At the undergraduate level their performance at HSC (Science) with mathematics as compulsory subject is the criteria for the admission. At the postgraduate level their performance at the B.Sc. (Computer Science) degree and performance of the entrance examination is the criterion for the admission for the M.Sc. (Computer Science) course and MCA (Under Science Faculty).

We are proud that the student 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 the projects which are relevant to the current industrial needs. These projects have helped students to apply their theoretical knowledge to the real life situation.

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 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 informed and in updating their knowledge. The students are also reciprocating by their high achievements in academic performance.

A large number of students are getting excellent placements in India and abroad. Every year several students are also selected in reputed foreign universities for higher studies. Various educational authorities have noted the achievements of reputation of the college. There is overwhelming response from the students to secure admission to the courses offered by the department.

During the NAAC peer team visit to the department, committee members appreciated setup, computing facilities, resources and activities conducted by the department for the students and community.

Activities conducted during the year:

- Placement Activity
- Student Counseling
- Best Programmer Competition
- Campus interviews
- Seminars
- Workshop
- Group Discussion
- Mock Interview
- Guest lectures
- Single Window – A Centralized Admission Programme
- Departmental Library
- Conduction of Entrance Examination at Mass Level
- Zaroka - The Desktop….. article column

SEMINARS

This year the Department had organized a **Seminar Series** by inviting eminent personalities from the field of IT. Prof. Mrs. Manisha Suryawanshi worked as co-ordinator for the same. This activity proved beneficial to the students as well as to the staff members and helped in establishing college and industry relationship. All teaching and non-teaching staff members took active participation in the smooth conduct of the seminar series. We are also thankful to the college administration for providing us necessary support in this regard.

Progressive Education Society's Modern College of Arts, Science and Commerce, Shivajinagar had organized a One Day Seminar on "Current Trends in Information Technology" for their B.Sc, M.Sc and MCA (Comp Sc) students in the Department of Computer Science.

Eminent IT personalities like **Mr. Sanjay Katkar**, CTO, Quickheal Technologies delivered a Lecture on 'Current and future requirements in Information Technology'. **Mr. Anand Das**, CTO, Pubmatic Pvt Ltd, explained the advantages of Internet Advertising and massive scale data processing. **Mr. Atul Kahate**, Senior Consultant, Oracle Financial Ltd skillfully demonstrated the concept of 'Web Services and its Application'.

Mr. Gautam Rege, Director Josh Tech, explained the open source web framework Ruby on Rails and demonstrated the writing of code by favoring convention over configuration. **Ms. Shraddha Joshi**, Senior Engineer, Persistent Systems Ltd explained the use of 'Google App Engine' to build and host web applications on the same systems that power Google applications for faster development and deployment and effortless scalability.

"**One Day Lecture Series on Current Trends in IT Industry**"

Details of the teachers who have participated in seminars / workshops:

- Prof. Manisha Suryawanshi attended refresher course organized by Staff Academic College and Department of Computer Science, University of Pune. Pune-7
- Prof. Anjali Sardesai authored three books of Vision Publication

1. System Programming and Operating Systems
2. Theoretical Computer Science and Compiler Construction-I
3. Theoretical Computer Science and Compiler Construction-II

- Prof. Kalyani Salla presented paper and won cash prize in the National Conference on Emerging Trends in Soft Computing organized by N. Wadia College, Pune.
- Prof. Kalyani Salla presented paper in the National Conference on in Soft Computing organized by Sinhagad Engineering College, Pune.
- Prof. Anjali Sardesai worked as a co-ordinator to set up "**Day Care Centre**" under UGC XIth Plan Scheme in college premise.
- Prof. Sangeeta Raut and Prof. Anjali Sardesai contributed and worked as a resource person in the preparation of practical course booklet of T.Y.B.Sc. (Computer Science).
- Prof. Manisha Suryawanshi, Prof. Sangeeta Raut participated and worked as a resource person in the one day workshop organized by Vidya Pratishthan College, Baramati, on "**Revision of T.Y.B.Sc. (Computer Science) Syllabus**".
- Prof. Abhijeet Sathe **a**ttended and worked as a resource person for the T.Y.B.Sc. (Computer Science) Syllabus Revision workshop.
- Prof. Abhijeet Sathe worked as a co-ordinator to keep college website up to date.
- Prof. Abhijeet Sathe worked as a resource person in Lecture Series on SET-NET Preparation arranged by MIT College, Kothrud
- Prof. Vaishali Bhoite worked as a resource person in Lecture Series on SET-NET Preparation arranged by MIT College, Kothrud.
- Prof. Anjali Sardesai and Prof. Vaishali Bhoite worked as a resource person in workshop on Preparation of SET-NET Examination arranged by Fergusson College, Pune.
- Prof. Kalyani Salla and Prof. Radha Khedekar participated and worked as a resource person in the one day workshop organized by Fergusson College on "Revision of MCA (Science) Syllabus" and also participated in finalizing the practical course slips of MCA (Science).
- Prof. Sanjay Mahajan helped and administered the upgradation of laboratory set up for colleges in city and rural area.
- Prof. Samir Badmanji had undertaken maintenance work of the computers & allied peripherals of the college. Active participation in organizing the M.Sc.(Comp Sci.) and MCA entrance examinations smoothly.
- Prof. Manisha Suryawanshi, Prof. Salla Kalyani and Prof. Anjal Sardesai attended Two day National Conference on Emerging Trends in Soft Computing organized by N. Wadia College.

Inter College Competitions organized:

The Department had organized **Best Programmer Award** Competition. Prof. Madhuri Ghanekar worked as a Chairperson for this event. **Mr. Hemant Pardeshi** from T.Y.B.Sc. (Computer Science) was awarded Best Programmer Award for the Year-2010-11. All the teaching staff and non- teaching staff members of the department helped to conduct activity smoothly.

Activities and support from the Alumni:

- Past students have supported in **placement of current batch** students in the reputed IT industries and in offering training programmes.
- **Project guidance** is made available from alumni to the students by means of lectures, project guidance & 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.

Student achievements and awards:

- **Ms. Kirti Thorat (MCA(Science Faculty))** stood first in the University of Pune and received scholarship from University
- Students took lead in organizing Project Exhibition/ Poster Competition and participated in various intercollegiate events. Students secured prizes in the various events.

- Prof. Manisha Surywanshi, Prof. A. V. Sathe, Prof. Sangeeta Raut, Prof. Ghanekar Madhuri. Prof. Shilpa Dange, Prof. Vaishali Bhoite, Prof. Anjali Sardesai, Prof. Radha Khedekar, motivated students to participate in the various intercollegiate events.

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. This year Prof. Manisha Suryawanshi worked as a Placement Co-ordinator for the placement activity under her able guidance 91% of students from the Post-Graduate Wing (M.Sc.(Computer Science), MCA) are placed in reputed organizations. All teaching and non-teaching staff members of the Department provided necessary support in smooth conduct of this activity. Under Graduate students are also placed in reputed software companies.

Any other relevant information:

- Staff members had taken active participation in the admission process of F.Y.B.Sc. (Computer Science), MCA & M.Sc.(Computer Science) courses.

- A committee was constituted for conducting M.Sc. (Computer Science) & MCA entrance Examination 2010. Dr. G.R. Ekbote (Chairman, P.E. Society) Prof. P. S. Chirputkar (Chairman, LMC), Dr. A. K. Pande (Chairman, LMC) Principal Dr. R. S. Zunjarrao (Chairman of the Committee) provided necessary guidance & administrative support in organizing the entrance examinations smoothly.
- Mr. Samir Badmanji had undertaken maintenance work of the computers & allied peripherals of the college.

- Prof. Deshmukh Shamkant
Vice Principal and Head, Department of Computer Science

Department of Economics

1. **Name of the department:** Department of Economics
2. **Year of Establishment:**1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., and Integrated Masters; Integrated Ph.D., etc.)**

   B.A. Economics
   M.A. Economics
   Post Graduate Diploma in Banking and Finance.
4. **Names of Interdisciplinary courses and the departments/units involved**

   Post Graduate Diploma in Banking and Finance
5. **Annual/ semester/choice based credit system (programme wise)**

   B.A.: Annual Pattern
   M.A.: Semester Pattern.
6. **Participation of the department in the courses offered by other departments**

   Business Economics, Banking and Finance, Industrial Economics, Industrial Economic Environment, and Research Methodology courses by the Department of Commerce.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	-	-
Associate Professors	3	3
Asst. Professors	3	3

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. M.M. Satam	M.A. M.Phil. Ph.D., MBS(HR)	HOD, Associate Professor	Economics	25 yrs	3
Dr. A. H.Shende	M.A. Ph.D.,NET, SET	Associate Professor	Economics	12 yrs	1
Dr. S.S.Deshmukh	M.A. Ph.D. SET	Associate Professor	Economics	9 yrs	NA
Mrs. S.A. Vartak	M.A. M Phil. SET	Asst. Professor	Economics	20 yrs	NA
Miss Padmashri Mujumdar	M.A. M Phil. SET	Asst. Professor	Economics	8 yrs	NA
J.P. Nambiar	M.A. M.Phil.	Asst. Professor	Economics	3 yrs	NA

11. **List of senior visiting faculty:**

- Dr. Mrs. Yojana Karve, Ex-Principal Garware College of Commerce
- Mr. Misal Prakash, Sr Bank Officer, BOM
- Mr.VijayHaldankar, Retired Bank Officer
- Mrs. Kaptan, Retired Bank Officer, BOI

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

    All the lectures of Grantable Course are engaged by permanent faculty and the lectures of Non-Grantable Course are handled by temporary faculty.
13. **Student -Teacher Ratio (programme wise)**

    B.A. : 20:1
    M.A.: 12:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

    One post of Faculty Clerk, in the college office is sanctioned and filled.
15. **Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil / PG.**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	-	2	3	1	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**

National 02

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

BCUD Minor Research on Financial Inclusion and Unemployed Youth, Rs. 75000/-

18. Research Centre /facility recognized by the University - Nil.

20. Publications:

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Dr. M.M. Satam	4	8	12	-	3	9	18
Dr. A. H. Shende	-	11	-	-	1	-	12
Dr. S.S.Deshmukh	-	1	-	-	-	-	1
Miss Padmashri Mujumdar	-	-	1	-	-	-	1
J. P. Nambiar	-	-	2	-	-	-	2

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards

- Following members are members of editorial board 'RESECO', a research annual of Department of Economics -
  i) Chief Editor : Dr. M. M.Satam
  ii) Members : Dr. A. H. Shende, Dr. S. S. Deshmukh, Mrs. S. A. Vartak, Ms. P. B. Mujumdar, Dr. N.P. Nambiar, Mr. Sameer Thakur

22. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil.

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

- Dr. Santosh Dastane, Director IBMR, Pune.
- Dr. Medha Dubhashi
- Dr. Akshay Dabi
- Dr. Jugale HoD, Economics Department, Kolhapur University.

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. State:

i. State Level Seminar on Research in Social Sciences – Techniques & Trends Under Quality Improvement Programme Of Pune University.

ii. A two-day seminar on Research in Social Sciences – Techniques & Trends was organized at Modern College of Arts, Sciences & Commerce, Shivajinagar, Pune, on 7th and 8th of January 2011.

26. Student profile programme/course wise:

B.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			*M	*F	
2010- 2011	239	161	102	59	48.14

M.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	72	48	38	10	48.00

27. Diversity of Students:

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	94.03	4.48	1.49

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

29. Student progression

Student progression	Against % enrolled
UG to PG	50
PG to M.Phil.	30
PG to Ph.D.	10
Ph.D. to Post-Doctoral	-
Employed	-
• Campus selection • Other than campus recruitment	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructurafacilities:

a) Library: Yes, Central Library
b) Internet facilities for Staff & Students: Internet facility is available with 10 mbps leased line.
c) Class rooms with ICT facility: Some of the classes have ICT facility.

31. Number of students receiving financial assistance from college, university, Government or other agencies:

The figures represent the total number of students of the Arts Faculty and Post Graduate students of the department.

Year	Total number of students
2010-11	60

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts:

- Dr. Santosh Dastane, Eminent Economist and Former Director of Wadia Management Institute, Pune
- Dr. Medha Dubhashi Professor and Chair (Pratibha Patil Chair for Women Development), Head Centre for Gender Studies, Vekunthbhai Mehta National Institute of Cooperative Management, Pune.

33. Teaching methods adopted to improve student learning:

- Effective use of ICT
- Visits to organization like RBI, NABARD, and *Adarsh Gaon* (Hivare Bazar)
- Activity based learing (Exhibitions and Financial Literacy Campaign)

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The Department organizes Financial Literacy Campaign every year to create awareness about the financial system of India. The neighborhood community visits such exhibitions and campaigns.

35. SWOC analysis of the department and Future plans

Strengths:

- Students preparing for Civil Services Examination and other competitive examinations prefer Economics as a major subject.
- The department offers M.A. Economics course along with Statistics, Mathematical Economics and Econometrics as optional subjects.

Weakness:

- Students from vernacular medium
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- To educate students in current banking practices to enhance their employability and to prepare them for competitive exams
- Participation in interdisciplinary education

Challenges:

- To inculcate the research aptitude among the students
- To enhance the job opportunities for the students
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plans:

- Association with Centre for Sustainable Village Development (College to Village Scheme) at Gokhale Institute, Pune.
- To develop an e-brochure for better placement of the students
- To develop a Finance Laboratory
- To publish second volume of Research Annual RESECO.

Departmental Activity:

On behalf of the Planning Forum and Economics Department, the HOD and Chairperson of Planning Forum, Dr. MadhuSatam, organized an Elocution Competition for the students in Modern College of Arts, Science and Commerce,

Shivajinagar, Pune 411005 , sponsored by Seth WalchandHirachand Memorial Trust, Mumbai, on the 27th of September 2010. For this competition there was an overwhelming response from the students. About 40 students registered their names, out of which 25 names were short-listed after the semi-final round on the 01 / 09 / 2010. Principal- Dr. Zunjarrao Sir, Visitor- Prof. Gosavi Sir, Vice Principal- Prof. Chinchore Sir, Vice Principal- Dr. WaghmareSir,and Vice Principal- Prof. Deshmukh Sir were the dignitaries on the dais.

The topics for the elocution competition were;

1) The Telecom revolution in India.
2) Emergence of India as a hub for Global automobile industry.
3) Industrial disasters-Lessons from the Bhopal tragedy
4) Imperatives of reform of Public Distribution system in India
5) Education reforms – Significance of Right to Education.

The judges for the competition were-

1) Hon'ble Prof. Gosavi Sir- ex principal, visitor , Modern College, Pune 05
2) Prof. S.R.Chaudhari Sir- Vice principal, Head of department of Electronics.
3) Dr.GautamBhong- Vice principal, Garwarecollege,Pune.

All these judges are great masters and are highly experienced teachers. Only 8 students were selected for the final round of competition.

The names of the winners of the competition are,

1st Prize (Rs. 3000) –Shared by 2 students.

1. Keerthana Ramesh Ampally ,Bsc.
2. DelphinaJadhav ,F.Y.Bcom.

2nd Prize (Rs. 2000) – Shared by 2 students.

1. Latesh.G.Chandavarkar ,T.Y.Bcom.
2. KhusbooPuri, M.A.

3rd Prize (Rs. 1000) –

1. ShrutiNadagouda

Consolation Prizes –

1. Gaurav Tyagi
2. Anish Vishwanath
3. Asha Salunkhe

II. National Level Essay Competition was conducted by the Economics department on behalf of Seth WalchandHirachand Memorial Trust, Mumbai. Many students participated in the competition. The results will be declared in the month of April.

III. Posters Painting Competition was held for the students on 15th Feb.2011. The following students are the prize winners.

1. First prize – AratiKarwa – MCA Commerce

Other participants are –

2. Diya Bagul – FY B.Com
3. Nikita Anand – SY B.Com
4. Sayali Mulay – TY B.A.
5. Gayatri Bhalerao – TY B.A.
6. Kadambari Chavan – SY B.Com

IV. T-shirt Painting Competition for college students were held on 15th Feb.2011. The prizes are 1. First prize – ApekshaGawade – M.A.

2. Second prize – BhagyashreePadwal- FY B.Com

V. Best out of Waste Competition for students was organized. The prizes are –

1. First prize – NupurDubey- TY B.Com
2. Second prize – Satpreet Singh – TY B.Com
   - PraneetaSakla – SY B.Com

VI. Poetry Recitation Competition was organized by Dr. MadhuSatam on behalf of Arts Association. The prizes are –

1. First prize – Shridhar Kulkarni – FY B.Com
2. Second prize – PallaviShewale – FY B.Sc.
3. Third prize – Shrikrishna Mane – FY B.A.
   - MugdhaPhutane – FY B.Sc.

VII. Prize Distribution for the above activities was done on 18 Feb 2011.

Achievements and activities of the Staff in Economics Department:

1) Dr. Madhu Satam –HOD

1) Recognized as Ph D guide by Pune University.
2) Authored Text books for TY B.Com titled "Indian and Global Development"
3) Organized State level seminar on "Research in Social Sciences-Techniques and Trends", on 7th and 8th Jan.2011.
4) Presented a paper in National conference of Indian Economic Association at Chandigarh on the topic "Climate change and Sustainable Development" in Dec.2010.
5) Presented a paper in Inter National seminal on "Co-operation" at Mysore on 9th Dec.2010. The paper entitled "Women in co-operative banks" was published. In the same seminar Dr. MadhuSatam was invited to work as a Member of Scientific Committee.
6) Presented a paper at National level seminar held at HNIMR, Pune on "Sustainable Development"

7) Invited as a resource person for state level seminar on Agriculture and Development on 26th Feb.2011.at Modern College, Ganeshkhind.
8) Participated in the organizing committee of International Conference on Bio-diversity and its Conservation in Modern College, Shivaji Nagar in Jan.2011.
9) Appointed as Coordinator for PGDFT Course in Modern College, Pune 05.

2) Prof. Suresh S Deshmukh

1) Successfully Completed Refresher Course at Pune University, Academic Staff College, sponsored by UGC. Duration of the course was 10 JAN 2011 to 30 Jan 2011
2) Delivered a lecture on Tribal Development on 11 Feb 2011 at Amruteshwar College, Vinzar, (Velhe).

3) Prof. SandhyaVartak

1) Successfully Completed Refresher Course at Pune University, Academic Staff College, sponsored by UGC. Duration of the course was 10 JAN 2011 to 30 Jan 2011
2) Appointed as Coordinator for MCA (Commerce) for 2010-2011,Modern College, Pune 05.
3) Attended a Seminar on Research Methodology at Symbiosis College on 26-8-2010
4) Attended a Guest Lecture on 'Recent trends in Banking' on 25 Feb 2011 at Symbiosis College, Pune.

4) Prof. Padmashri Mujumdar

1) Attended a Seminar on Research Methodology at Symbiosis College on 26-8-2010.
2) Attended a State Level Seminar on "E - Commerce", organized by Sinhgad Institute, Pune, on 7 & 8 Feb 2011.
3) Attended a State Level Seminar on 'Recent Trends in Advertising' organized by Sinhgad College, Pune, on 11 & 12 Feb 2011
4) Presented Paper in National Level Seminar on 'Population Dividend: A comparative study of India and China', organized by Matrix Business School on 18 Feb 2011.
5) Appointed as Coordinator for BBA / BCA (Commerce) for 2010-2011,Modern College, Pune 05.
6) Attended a Guest Lecture on 'Recent trends in Banking' on 25 Feb 2011 at Symbiosis College, Pune.

5) Miss Aparna Kulkarni

1) Paper Presented in Marathi ArthashastraParishad at Thane (13 to 15 NOV 2010)
2) Research Paper in National Conference of Indian Economic Association at Chandigarh on the topic "Climate change and Sustainable Development" in Dec.2010.
3) Research Paper presented at JnanaDeepaVidyapeeth in inter-college Philosophy Conference.

6) Mr. Vinay Shelke

1) Research Paper in National Conference of Indian Economic Association at Chandigarh on the topic "Climate change and Sustainable Development" in Dec.2010.
2) Attended state level seminar on Agriculture and Development on 26th Feb.2011.at Modern College, Ganeshkhind.

7) Mrs. Jayashree Nambiyar

1) Attended a Seminar on Research Methodology at Symbiosis College on 26-8-2010
2) Attended a Guest Lecture on 'Recent trends in Banking' on 25 Feb 2011 at Symbiosis College, Pune.

Department of Electronic Science

1. **Name of the Department :** Department of Electronic Science
2. **Year of Establishment:**
   B.Sc. Electronic Science: June 1985
   M.Sc. Electronic Science: June 1993
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
   B.Sc. Electronic Science
   B.Sc. Electronic Science (Vocational)
   Post Graduate: M.Sc. Electronic Science
   Research: Ph.D. Electronic Science
4. **Names of Interdisciplinary courses and the departments / units involved :** Nil
5. **Annual / semester / choice based credit system (programme wise) :**
   B.Sc. Electronic Science : Semester Pattern
   B.Sc. Electronics (Vocational) : Semester Pattern
   M.Sc. Electronic Science : Semester Pattern
   Ph.D. Electronic Science : Six month reports /presentation.
6. **Participation of the department in the courses offered by other departments :**
   M.C.A. Science: Embedded System
   M.Sc. Chemistry: Analytical Chemistry
7. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
8. **Details of courses / programmes discontinued (if any) with reasons :** Nil
9. **Number of Teaching posts**

	Sanctioned	Filled
Professors	-	-
Associate Professors	03	03
Asst. Professors	10	10

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

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No. Of Ph.D. Students Guided for the last 4 year
Prof. S.R.Chaudhari	M.Sc.M.Phil	Associate Professor	M.Sc. Physics; M.Phil. Electronic Sc.	23	-
Prof. D.B.Gaikwad	M.Sc. A.D.C.S.S.A.	Associate Professor	Electronic Sc.	23	-
Prof. B.B.Yenage	M.Sc. A.D.C.S.S.A.	Associate Professor	Physics	23	-
Prof. T.B.Sonawane	M.Sc. SET	Assistant Professor	Electronic Sc	3	-
Prof. T.R.Kumbhar	M.Sc. SET	Assistant Professor	Electronic Sc	1	-
Prof. M.R. Bodke	M.Sc.	Assistant Professor	Electronic Sc	5	-
Prof. A.V.Kamble	M.Sc.	Assistant Professor	Electronic Sc	9	-
Prof. P.S.Varade	M.Sc. SET	Assistant Professor	Electronic Sc	9	-
Prof. R.V.Vidap	M.Sc.	Assistant Professor	Electronic Sc	5	-
Prof. Ameeta A Kulkarni	M.Sc.	Assistant Professor	Electronic Sc	9	-
Prof. G.M.Tarte	M.Sc. SET	Assistant Professor	Electronic Sc	3	-
Prof. U.N.Kothavade	M.Sc.	Assistant Professor	Electronic Sc	3	-

11. List of senior visiting faculty :

- Dr U N Hivarkar, IGATE
- Dr A D Shaligram, Professor and Head of the Departmnet of Electronic Science, Pune University.
- Dr. Smt. Damayanti C.Gharpure, Professor, Departmnet of Electronic Science, Pune University.
- Prof. S.B. Bhagwat, Associate Professor, Fergusson College, Pune-5.
- Dr. SATISH SHARMA, Associate Professor and Head, Department of Electronics and Computer Science, Rashtrasant Tukadoji Maharaj Nagpur University.
- Dr.P.K.Bhadane , Head of the Department Nowrosjee Wadia College , Pune-1
- Mr Ganesh V. Shinde (KPIT)

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

UG : 5%
PG : 10 %

13. Student-Teacher Ratio (programme wise):

UG 15:1
PG 16:1

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

One post of Faculty Clerk, in the college office is sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	6	5

15. Qualification of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil. / P.G. :

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. Of Staff	12	1	-	-	-

16. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. And total grants received :

Sr No	Name of the project	Year/Funding Agency	Name of Principal Investigator	Major /Minor	Amount Sanctioned
1	Effect of RF radiation on plant growth	2008-2010 BCUD	Prof. R.V. Vidap (PI) Prof. A.V. Kamble (CO I)	Minor	Rs. 1,00,000/-
2	"Modeling, Simulation and experimental study of Fiber Optic Tilt Sensors and their applications"	2009-11 BCUD	Prof . S. R Chaudhari (PI) Prof. D. B. Gaikwad (CO I)	Minor	Rs. 2,50,000/-

17. Research Centre / facility recognized by the University

Post Graduate Research Centre in Electronic Science is recognized by the University, Pune -411007 (Maharashtra).

18. Publications :

Name of the faculty	Papers			Books			Total publications	Total impact factor	Total citation	h-Index
	International	National	Presented in Conference	International	National/ Local	Book chapter				
Prof. S.R.Chaudhari	1	2	2	0	23	0	28	-	-	-
Prof. T.B.Sonawane	4	2	1	-	-	-	6	7.921	2	1
Prof. T.R.Kumbhar	2	-	-	-	-	-	2	1.1	2	1
Prof. M.R. Bodke	3	2	-	-	-	-	-	-	-	-
Prof. R.V.Vidap	3	0	7	-	-	-	10	6.277	6	1

19. Areas of consultancy and income generated: Nil

20. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards

Nil

21. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme: 80%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: 20%.

22. Awards / Recognitions received by faculty and students:

Faculty		
1	B.B.Yenage	Captain NCC
2	A.V.Kamble	NCC
3	P.S.Varade	Best NSS Officer by Pune University
4	S.R.Chaudhari	Vice Principal
Students		
1	Mrs. Varsha Bapat	SET.,Assistant Professor,Modern College ,Ganeshkhind, Pune-53
2	Mr. Rajesh Joshi.	Sr. Manager ,Business Development Dynalog India Ltd.
3	Mr. Sandesh Kashikar	Engineering Manager at Ericsson Austin, Texas Information Technology and Services.
4	Miss. Richa Deshpande	Proprietor ,Eltech Electrodesigns, at Lonavala
5	Mr.Manoj Nerlekar	Police Inspector , Samarth Police Station , Pune
6	Mr. Mangesh Dayaphule	Project Staff, CMET , Pashan Pune
7	Mr.Pravin Rane	M/s. Prowiz Systems
8	Mr. Kapil Hole	SET , NET , Lecturer A.T.S.S. I.I.C.M.R., Chinchwad
9	Mr. Gajanan Tarate	NET, Lecturer, Modern College , Pune-5
10	Mr. Yogesh Darekar	Sr. Software Engineer IBM , Pune
11	Mr. Rajesh Wagle	Pcsmile Technology , IT Firm
12	Mr. Babasaheb Kadam	Asst. Manager Intelux Electronics Pvt. Ltd.
13	Mr. Vikram Upadhye	Sr. ASIC Engineer, Intel India Private Limited.
14	Mr.Rahul Deo	Design Engineer,Minda Stoneridge Ins. Ltd.
15	Mr.Rajendra Thombre	Deputy Manager at UNO MINDA,NK Minda Group
16	Mr. Mayur Gaikwad	Software Developer, Minda Stoneridge Instruments Limited.
17	Mr. Sameer Kelkar	Manufacturing Engineer , Honeywell Automation India Ltd
18	Mr.Piyush Manavar	Project Engineer , IIT Bombay
19	Mr. Bhaven	Senior Research Associate, IIT Mumbai
20	Mr.Avinash Shingte	M.Phil.,Asst. Professor, ,Indira College of Commerce and Sc.
21	Mrs.Jyoti Shrote	SET,Asst. Professor,College of Commerce and Science, Pune
22	Dr. Harshad J. Gelada	B.Ed., Ph.D.Asst. Professor,Sinhgad College of science,
23	Ms. Shruti Deshmukh	Asst. Prof. In Electronics,Sinhgad College of Science.
24	Ms. Jayashri Bangali	M.Phil.,Asst. Professor,Kaveri College of Science and Commerce
25	Mr. Anand Buddhikot	M.Phil.,Asst. Professor,Kaveri College of Science and Commerce
26	Mrs. Poonam R Kadam	Lecturer ,Abasaheb Garware College,Pune
27	Mrs. Meghana Palkar	NET,Asst. Professor,Abasaheb Garware College,Pune
28	Mrs. Archana Apte	SET,Lecturer,Modern College Pune-5
29	Mr.Walunj Madhukar B.	SET.,Lecturer,Abasaheb Garware College,Pune
30	Mrs.Misar Medha S	SET,Asst. Professor,B R Gholap College , Sangavi
31	Mr Varade Prabhakar S.	SET, Asst. Professor,Modern College Pune-5
32	Mrs. Hailkar Pallavi B.	SET.,Assistant Lecturer, MIT ASC , Alandi
33	Mrs.Shaikh Atiya Irfan	SET.,M.Phil,Assistant Professor, Abeda Inamdar College, Pune
34	Mrs. Kishori Kasat	M.B.A,,M.Phil, NET, Lecturer,Symbiosis college of Arts & Com.
35	Mr. P. K. Shinde	NET-JRF,Assistant Professor,Sangamner College
36	Mr. Kurne Inamdar Faizahmed Hamid	Asst. Professor,Head DOES,Abeda Inamdar College

23. List of eminent academicians and scientist / visitors to the department:

- Dr.A. D. Shaligram, Head of the Department of Electronic Science Pune University , Pune 411 007
- Prof. Z.B.Pathan , AKI's Poona College of Arts,Science & Commerce, Camp, Pune-411001
- Prof M B Patil, Professor, IIT , Mumbai
- Dr. K.S.Chari, Scienctist G, DIT, New Delhi
- Kuber Madhav, Scientist F, DIAT Pune.
- Dr. Satish Sharma, Associate Professor and Head, Department of Electronics and Computer Science, Rashtrasant Tukadoji Maharaj Nagpur University.
- Prof. D. S. Patil, Department of Electronics, North Maharashtra University, Jalgaon [Maharashtra], India.
- Dr. Sharad Pustake, Advisor, Department of Science and Technology Park, Pune.
- Dr. R.K. Kamat, Department of Electronics, Shivaji University, Kolhapur – 416 004.
- Dr. M. D. UplaneDepartment of Electronics, Shivaji University, Kolhapur – 416 004
- Dr. Mangesh Kashyap, Society for Environment Education, Research and Management (SEERAM) Varad, 250/A/8,Shaniwar Peth, Pune- 411030 Maharashtra,India.
- Dr. Arvind Joshi President, CanArian International Inc, Toronto, Canada.

- Prof. P.B. Buchade, Head of the Department Electronic Science, Abasaheb Garware College, Karve Road, Pune - 411004.
- Prof. Bhimrao Ladgaonkar, Professor and Head, Post Graduate Department of Electronics,S.M.Mahavidyalaya, Akluj
- Dr Girish Phatak, Scientist, CMET, Pune.
- Dr Neelima Iyer, Scientist, NCL, Pune.
- Prof J V Khedkar, Head, Department of Electronic Science, Fergusson College, Pune.
- Dr R.R.Mali, Director, Instrumentation, IMD, Pune
- Mr V N Savant, Maintenance manager, Vishay Component, Pune.
- Dr M N Awatade, Vasantdada Sugar Institute, Manjri, Pune.
- Mr. Sandip Thange, Krish Infotech, Pune.
- Shri Madhav Kuber, Sc-F, Defence Institute of Advanced Technology, (Deemed University), Pune.
- Dr. S. S. Sadistap Dy. Director CEERI Pilani.

24. Seminars / Conferences / Workshops organized & the source of funding

a. National:

- National workshop on Embedded system Design using ARM processor was held on 2-22 Oct 2008., BCUD Rs. 125000/-

25. Student profile programme / course wise:

B.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	297	95	61	34	51.35
2011-2012	361	79	57	22	48.38

M.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	59	26	9	17	86.95

26. Diversity of Students

B.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	98.08	1.92	0.00

27. How many students have cleared national and state competitive examination such as NET,SLET,GATE, Civil Services, Defense Services, etc.?: - NET / SET/NET Qualified Students:

1.	Tarate G M	NET
2.	Walunj M B	SET
3.	Mr. P. K. Shinde	NET
4.	Mrs.Shaikh Atiya Irfan	SET
5.	Mrs. Jyoti Shrote	SET

28. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	1%
PG to Ph.D	0
Ph.D to Post-Doctoral	0
Employed	
• Campus selection • Other than campus recruitment	2% 10%
Entrepreneurship/ Self-employment	2%

29. Details of Infrastructural facilities

a) Library- Total Books : Departemntal e-library
b) Internet facilities for Staff & Students : WiFi and 24 computers with 10 mbps leased line Internet
c) Class rooms with ICT facility : 2
d) Laboratories : 5

30. Number of students receiving financial assistance from college, University, Government or other agencies:

The figures represent the total number of students of the Science Faculty and the Post Graduate students of the department.

Year	Total number of students
2010-11	50
2011-12	74

Two students are receiving financial assistance from Pune University under the Earn and Learn Scheme.

31. Details on student enrichment programmes (special lectures /workshops / seminar) with external experts:

Course	Duration	Batches
Embedded System Development with Hands-ontraining using ARM processor	20- 22 October 2008.	One
State Level PLC Training Program with hands-onExperience	20-24 March 2008	one
Digital System Design Using VHDL	13 March 2010	one

32. Teaching methods adopted to improve student learning :

- Use of ICT
- Online examination for internal assessment
- Recorded lectures , online NPTEL lectures

33. Participation in Institutional Social Responsibility (ISR) and Extension activities :

- Tree plantation program
- E-waste management Campaign
- E-waste collection centre

34. SWOC analysis of the department and future plans :

Strength:

- Well equipped laboratories
- Well qualified, proficient in techniques, and research oriented staff
- ICT based Laboratories and Digital Classroom
- Virtual Laboratory

Weakness:

- The students enrolled at first year are generally of average percentage
- Busy schedule of the labs and space constraint restrict number of extra activity programs.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- To avail of the ever emerging opportunities in the field of electronic science and its applications by:
  - Conducting certificate courses
  - Conducting more hands-on training programs
  - Organizing industry academia meets
  - Preparing e-brochure of students for enhancing student employability
- Enhancing the quality of education, through the collaborative activity with Pune University, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.
- The department has initiated virtual laboratory facility in collaboration with IIT Mumbai, enabling quality-improved practical based teaching-learning activity.

Challenges:

- To enhance student employability and to motivate them for establishing their own business
- To establish research and development culture in such a way that the students will acquire positions in national /international research laboratories/industries.
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plan:

- Further improvement in the infrastructural facilities in the PG laboratory and the recognized research center.
- More effective and efficient use of the Virtual Laboratory developed in the collaboration with IIT, Mumbai.
- Publishing a research annual about the research activities carried out in the department.
- More add-on courses.
- E-brochure for better placement of the students.

Departmental Activity:

Department of Electronic Science of the college is actively engaged in various academic, curricular and extracurricular activities through out the year. The student strength of the department is about 630, which includes Junior, Senior and P.G. students. Department contributes to major work in college activities ,Prof. S.R. Chaudhari is IQAC co-ordinator , Prof. B.B.Yenage and Prof. A.V. Kamble leads NCC units, Prof. P.S. Varade is NSS officer ,Prof. Y.S. Thipse looks for Open University B.Tech. Course, Prof. A.S. Apte is coordinator for 11th result committee. Undergraduate and postgraduate results are comparable to university courses. Many of the PG students are placed various job.

- **Activities conducted during the year 2010-11**

1. Practical Handbook prepared for S.Y. B.Sc. computer Science and Electronic Science students.
2. Laboratory Manuals for M.Sc. Electronic Science were prepared for the practical courses Analog Electronics and Embedded system.
3. More than 250 e-books of subject electronics are made available to students. Also more than 100 e-magazines made available in the form of pdf files to the staff and students.
4. Remedial coaching for F.Y.B.Sc. Students were conducted in the month of November 2010.

5. M.Sc. Part II students participated in state level 3 days training Program on Embedded system development on 08.09. 10 October 2010.
6. Tree plantation: Tree plantation drive was conducted at Modern College of Biotechnology, Paud with the help of NSS and NCC students on 24/07/ 2010 and 21/08/2010.
7. Demonstration of e-learning software 'Sparsh' was organised on 24th November 2010.
8. Poster exhibition on Electronic science projects at PG level on 25th February 2011.

- **Workshop, National Seminar Participation by the staff members:**

1. Prof. S.R.Chaudhari worked as Advisory Committee member for National Conference on "Sensor Networks and Embedded Systems (NCSNES-2011) (2,3,4th Feb. 2011) organised by department of Electronic Science at Abasaheb Garware College , Pune -4.
2. Prof. D.B. Gaikwad worked as resource person at one day workshop on "Advanced trends in Embedded Technology" at Pratibha College of Commerce and Computer Studies, Chinchawad, Pune 411019. (11 January 2011)
3. Prof. D.B. Gaikwad delivered a guest lecture on " Embedded System " at Indira College Wakad, (12 February 2011)
4. Prof.S.R. Chaudhari delivered a guest lecture on " Role of electronics in Agriculture" " at Fergusson College Pune-4, (07 February 2011)
5. Prof. R.V. Vidap resource person at one day workshop on "Advanced trends in Embedded Technology" at Pratibha College of Commerce and Computer Studies, Chinchawad, Pune 411019. (1 January 2011)
6. Prof. S.R.Chaudhari , attended one day workshop on " Teaching methodology for Matlab and C programming" on 8th January 2011 at Fergusson college Pune-4
7. Prof. T.R. Kumbhar , attended one day workshop on" Teaching methodology for Matlab and C programming" on 8th January 2011 at Fergusson college Pune-4
8. Prof. D.B. Gaikwad and Prof. T.B. Sonawane participated in two day workshop on" Robotics" organised by IIT , Mumbai on 20, 21 August 2010.
9. Prof. D.B. Gaikwad and Prof. M.R. Bodake participated in two day workshop on "VLSI Design using Verilog" organised by Department of Electronic Science, University of Pune on 06, 07 August 2010.
10. Prof. A.V. Kamble delivered Lecture for College staff on 6th DEC 2010 the occasion of 'Dr Babasaheb Ambedkar Maha Pari Nirvan Din' the subject was Contribution of Dr Ambedkar in Indian Constitution.
11. Prof. A.V. Kamble delivered Guest lecture on DSP processors at Mamasaheb Mohal College, Pune. On 27 January 2011.

- **Educational Trips**

This year department has successfully organized one/two day's trips at different places. These are listed as below.

Place	Staff Members	Students	No. of Days
State level workshop on "Development of Embedded system using ARM " at Akluj	Mr. U.N. Kothawade Mr. G.M. Tarate	19 P.G. Students	8,9,10 October 2010.
KISAN Exhibition at Moshi	Prof. B.B. Yenage Prof. T.B. Sonawane	22 UG students	19 December 2010
Mahesh Electricals Sangameshwar , Ratnagiri	Prof. T.B. Sonawane Prof. G.M. Tarate Prof.U.N. Kothawade Prof. K.K. Hole Ms. Ameeta Kulkarni	36 PG Students	15, 16 February 2011

- **Guest lecturers –**

This year Department organized guest lecturers as below.

Date	Speaker	Topic
27/08/2010	Prof. S.S. Bhagwat , Fergussion College	Scope of Analog Electronics
19/10/2010	Amol Wagh , Vikram Gaikwad e-infochip	Current trends in Embedded systems
20/10/2010	Mrs. Guari Nirgude, Eclat training services	SPI Protocol
11/10/2010	Mr. Diptar Banik, Eclat training Services	I^2C and RTC Applications
09/09/2010	Mr. Vishal Raut, KPIT	Development of embedded system using PIC
11/10/2010	Prof. A.G. Buddhikot	RTOS Applications
09/02/11	Prof. S.S. Bhagwat Fergussion College	Control System
10/02/11	Imran Patil	
	Rajesh Wagle	
	Pravin Shinde	

- **Research Paper Presentation , Refresher courses by Staff Members**

1. Prof. SR.Chaudhari and Prof D.B. Gaikwad presented a research paper titled, "Modeling, Simulation and Experimental Study of Fiber Optic Tilt Sensors and Their Applications" at the university level conference INNOVATION -2010 at H.V. Desai College Pune. On 24th December 2010.

2. Prof. SR.Chaudhari and Prof D.B. Gaikwad presented a research paper titled "Modeling, Simulation and Experimental Study of Fiber Optic Tilt Sensor and Its Applications" at AVISHKAR in Fergusson college. Mr. Mangesh Anil Dayaphule, Ms. Snehal D. Benkar M.Sc. Electronics Science students participated in this competition to present the work done .
3. Prof. B. B. Yenage completed NCC refresher course from 25th Oct 2010 to 23rd Nov 2010 Passed in 'A' Grade.
4. Refresher course for N.S.S. officer , Prof. P.S. Varade from 4th Feb 2011 to 9th Feb 2011.

- **Project competition Participation:**

1. Umesh Kothawade , First prize for the project " PC based FM Tuner Card" at Career Mahotsav organized at Balgandharv mandir.
2. Tejas Gadariya Second prize for Simulation of Log periodic Antenna using Matlab at Career Mahotsav organized at Balgandharv mandir.
3. Mr. Pushkar Naik and Ms. Vijaya Raskar successfully carried out M.Sc. Project work at 'Uday Ydyog , Pvt. Ltd.' with topic "High current SMPS", and Universal Data Aquisation System".
4. Ms. Sheetal Hulgae our past student working as marketing manager at "Sparsh learning technology", Bangalore visited to department on 24th November and demonstrated e-learn software 'Sparsh' to our students .

- **Achievements by Staff Members :**

1. Prof. S.R. Chaudhari . Head of the department is appointed as Vice principal of the college from July 2010.
2. Prof. A.V. Kamble is elected as a member of Local Management Committee of the college from 30 March 2010 for the tenure of 5 years.
3. Prof. B. B. Yenage has been awarded grade "A" in NCC refresher course from 25th Oct 2010 to 23rd Nov 2010 .
4. Prof. A.V. Kamble has been awarded as Best ANO by group Headquarter NCC Pune, in the academic year 2010-11 .
5. Prof. P.S. Varade has been appointed as regional coordinator for NSS by University of Pune.
6. Department welcomes to the staff members K. K. Hole, Umesh Kothawade and S. R. Patil newly appointed in this academic year.
7. Department also welcomes to Prof. M.R. Bodake transferred from Modern college , Ganeshkhind to our department.

***- S. R. Chaudhari,* Head, Dept. Electronic Science**

Department of English

1. **Name of the department:** Department of English
2. **Year of Establishment:** 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.A. English
   M.A. English
4. **Names of Interdisciplinary courses and the departments/units innvolved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):**

   B.A. English: Annual Pattern
   M.A. English: Semester Pattern
6. **Participation of the department in the courses offered by other Departments:**

Participation in teaching to:

- B. Sc. Bio-Technology and M. Sc. Zoology.

7. **Courses in Collaboration with Universities/Industries/Foreign Institutions:**

- Blended English Course with the British Council Library,
- A course in Translation Studies in collaboration with BITS, Pune, for PG students
- Technoknit, Pune, conducts training sessions for MA students

8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

Post	Sanctioned	Filled
Professors	-	-
Associate Professor	1	1
Assistant Professor	4	4

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

Name	Qualification	Designation	Specialization	Experience	No. Of Ph.D students guided
Prof. Mrs. Alka A. Kamble	M.A.(Pursuing Ph.D)	Head of the Department	ELT / Dalit & Marginalised Feminism	14 years	-
Prof. Sangita Sarma	M.A., M.Phil.,L.L.B, L.L.M	Asst.Prof.	Language & Literature	4 Years	-

11. **List of Senior Visiting Faculty**

- Dr. P. F. Patil, Formar Principal, Arts, Science and Commerce, Lasalgaon, Dist.Nasik.
- Dr. Deepaneeta Bhanja, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-7
- Dr. Triveni Goswami Mathur, Freelancer Teacher and Creative Writer, Director, Symbiosis Studies of Mass Media, Pune.

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

B.A. English: Nil

M.A. English: 25%

13. Student Teacher Ratio (Programmewise)

B.A. English: 20:1
M.A. English: 16:1

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

One post of Faculty Clerk, in the college office is sanctioned and filled.

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

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	4	1	-	-	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

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

18. Research Centre /facility recognized by the University:

Few of the staff members are actively involved in research and research publications. The department intends to apply for the Research Centre in the near future.

19. Publications:

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Prof. Mrs. Alka A. Kamble	-	-	3	-	-	-	3
Prof.Sangita Sarma		-	2	-	-	-	2

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees :

b) International Committees

Prof. Alka Kamble is associated with Rotract International for coordinating various programmes for stuents in the college.

c) Editorial Boards

Prof. Alka Kamble

- Associated with Dr. Nicole Thiara, Center for Postcolonial Studies, Nottingham Trent University, UK.
- Member of the Editorial Board of an international conference on 'Employabilty Enhansment through proficiency in Indian and foreign languages'.
- Member of HR Lingua, New Delhi, Association of Language Professionals regarding language employability.

22. 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

23. Awards / Recognitions received by faculty and students:

Two students from the department have received the 'Best Student Award' of the college.

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

- Prof. W.N.Herbert, Professor of Creative Writing and eminent poet
- Leah Guren, Owner of Cow T.C., Israel, associated with World Technical Writing Association
- Prof. Christina DeCoursey, HongKong Polytechnic, HongKong
- Dr. Roger Nunn, Petroleum University, Abu Dhabi.
- Dr. Dhirawit P Nathangarn, Suranaree University, Thailand
- Dr. Rajul Bhargava, Jaipur Universiy, Jaipur

25. Seminars/Conferences/Workshops organised and the source of funding

a. International: International Conference on 'Employabilty Enhansment through proficiency in Indian and foreign languages', funded by ICSSR, Delhi and BCUD, Pune University, Pune.

b. State:

- Workshop organised in January 2011, on Career Opportunities in Languages in association with the daily newspaper Maharashtra Times, Pune.
- Workshop arranged on Review Writing

26. Student profile programme/course wise:

B.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	239	234	143	91	100.00

M.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	95	60	28	32	100

27. Diversity of Students:

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	94.87	4.27	0.85

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	70%
PG to M.Phil	05%
PG to Ph.D	05%
Ph.D to Post-Doctoral	-
Employed	
➨ Campus selection ➨ Other than campus Recruitment	10% 50%
Entrepreneurship/Self-employment	30%

30. Details of Infrastructural facilities:

a) Library: Common library
b) Internet facility for staff and students: Available, 10 mbps leased line
c) Class room with ICT facility: Available
d) Language laboratories: Available (10 cubicles with PCs on which Language Lab Software is installed)

31. Number of students receiving financial assistance from college, University, government or other agencies:

The figures represent the total number of students of the Arts Faculty and Post Graduate students of the department.

Year	Total number of students
2010-11	68

- Nothangarn- Sureenaree University, Thailand, and Sandeep Nulkar- BITS, Pune, for North-East Student who is first in MA
- Postmatric Scholarship for students from North-East regions, Funds given by Dr. Dhirawit P.

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

- Conduct remedial coaching classes and workshops
- Association with BCL Pune for Blended English Course
- Spoken English Sessions for weak students

33. Teaching methods adopted to improve student learning:

- Group Discussion in M.A., S.Y.B.Sc.and T.Y.B.A. classes
- Film shows related to the literature prescribed
- Field visit: EFLU Hyderabad and Deccan College, Pune
- Reference skills study material for assignments and presentations
- Poster Competition
- 'Book Club' for undergraduate students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Spoken English sessions for communicatevly weak students

35. SWOC analysis of the department and future plans:

Strength

- Team work
- Association with language industry professionals

Weakness

- Placement activity at departmental level needs to be strengthened.

Opportunities

- Ample scope for promotional actitivties in the area of multilingual communication skills, translation and interpretation skills

Challenges

- Meeting the requirements of multilingual communication skills ermerging out of globlaization process
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans

- To introduce new courses
  - A Certificate Course in Industrial Translation and Content Writing
  - Certificate Course in Appreciation of Literature
- To conduct the sessions for NET and SET examination preparation in the subject English Language and Literature
- Remuneartive services about counselling on career in languages

Departmental Activity:

Department of English organized the following events to enhance the skills for language and literature learning

1) Lecture Series was organized for P.G. students on " Doing Research" on 25th and 26th August 2010. Following resource persons were invited to guide students.
   a) Dr. Ashok Thorat : Dean of Faculty of Arts and Fine Arts, UOP Pune
   b) Dr. S. B. Gokhale : Department of English , UOP, Pune
   c) Dr, Shirish Chindhade : Critic and a Poet
   d) Dr. Madhuri Gokhale : T. J. College, Khadaki,Pune
2) A Film Show of " My Fair Lady" was organized for TY BA Students .
3) T.Y. BA and P.G. students attended a workshop on NET and SET preparations on 4th and 5th January 2011 organised by Fergusson College, Pune
4) T.Y. BA and P.G. students attended a workshop on " Writing Answers" on 23rd February 2011 organised by St. Mira's College, Pune
5) Ms. Shruti Nadgauda won the prize in essay competition organized by Modern College of Arts. Science and Commerce, Ganeshkhind.
6) Language Laboratory software was installed to conduct Spoken English Classes to enhance Speaking Skills. Presntations (Power point) by SYBsc and TYBA students was organized.

Department of Geography

1. **Name of the department:** Department of Geography
2. **Year of Establishment :**1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.A. Geography
   M.A/M.Sc. Geography
4. **Names of Interdisciplinary courses and the departments / units involved :**

   The department is involved in the teaching and coordination of a course on 'Envioronment Awarness'.
5. **Annual / semester / choice based credit system (programme wise) :**

   B.A. Geography : Annual Pattern
   B.Sc. Geography : Semester Pattern
   M.A./M.Sc. Geography : : Semester Pattern
6. **Participation of the department in the courses offered by other departments:**

   The faculty is involved in teaching Remote Sensing and GIS to the Post Graduate students of the Department of Botany.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons :** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	02	02
Asst. Professors	02	02

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 year
Dr. Mrs. N. J. Kulkarni	M.A., .A(Mar)., M.Phil., Ph.D	Associate Professor	Economic Geography	30	-
Dr. V. B. Kamble	M.A., M.Ed. Ph.D., SET	Associate Professor	Economic Geography	20	-
Prof. N. L. Wayal	M.A., NET	Assistant Professor	Economic Geography	04	-
Dr. A. E. Sonawane	M.A., B.Ed., SET, Ph.D.	Assistant Professor	Population Geography	01	-

11. List of senior visiting faculty :

- Dr. S. W. Gaikwad, S.P. College, Pune.
- Dr. J. A. Jadhav, D.Y.Patil College, Pimpri, Pune.

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

U.G.: 34% lectures and 25% Practicals.
P.G.: 33% lectures and 50% Practicals.

13. Student-Teacher Ratio (programme wise) :

UG.: 20: 1
PG.: 12: 1

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

One post of Faculty Clerk, in the college office is sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	2	2

15. Qualification of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil. / P.G.

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	1	-	3	-	-

16. Number of faculty with ongoing projects from a) national b) International funding agencies and grants received :
One (National), Rs, 1,**40,000/-**

17. Departmental projects funded by DST-FIST; UGC,DBT, ICSSR, etc. and total grants received :

Prof. N. L. Wayal: 'Ground Water Management for Sustainable Agricultural Development: A case Study of Akole Tahsil District Ahamednagar, Western Maharashtra'. Funds granted Rs. 1,40,000/- by UGC under Minor Research Project.

18. Research Centre / facility recognized by the University:

The staff members are actively involved in the research activities. However, the department is yet to be recognized as a Research Centre in Geography by the Pune University, Pune.

19. Publications :

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Dr.Mrs. N.J.Kulkarni	1	-	1	-	6	-	8
Dr. V.B. Kamble	-	-	2	-	-	-	2
Dr. A. E. Sonawane	-	5	1	-	1	-	7

20. Areas of consultancy and income generated:

Every year, the department conducts village surveys at nearby villages. The findling of scoio-economic nature from such surveys are discussed with the villagers and they are advised to take appropriate measures to overcome the problems they face. This consultancy by the department is of non-remuneartive nature.

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards

Sr.	Name	Membership	
1.	Dr. Smt. N. J. Kulkarni	Life Member of • Indian Institute of Geography • National Geographer Association India	• Deccan Geographer • Maharashtra Bhoogol Shastra Parishad • Member of Editorial Board of 'Earth Exploration', Research Journal July, 2011.
2.	Prof. N. L. Wayal	Maharashtra Bhoogol Shastra Parishad	
3.	Dr. A. E. Sonawane	Maharashtra Bhoogol Shastra Parishad	

22. 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

23. Awards / Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientist / visitors to the department:

- Dr. V.C. Vaidya, JNU, New Delhi.
- Dr. Praveen Saptarshi, Indsearch Institute
- Dr. Abhay Deswandikar, IB, Australia
- Dr. Ramhotra, Head, Department of Geography, Shivaji University, Kolhapur.
- Dr. Y. S. Khan, Department of Geography, Solapur University, Solapur.
- Dr. Mrs. P. S. Arkasali, Head, Department of Geography, Mahatma Phule College, Pimpri, Pune.

25. Seminars / Conferences / Workshops organized & the source of funding

a) **National:** Nil
b) **International:** Nil; **State:** 01

- 'A state level conference on Role of Tourism in the Regional Development' was organized on 27th and 28th February 2012. It was sponsered by BCUD University of Pune (Under Quality Improvement Programme). One hundred and twenty five participants attended the conference and nearly fifty research papers were presented in the conference.
- The department had organized two days workshop on SET and NET Examinations on 27th and 28th October 2010.

26. Student profile programme / course wise :

B.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	239	204	134	79	57.89

M.A./M.Sc.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	77	26	15	11	86.66

27. Diversity of Students

B.A., B.Sc., B.Com

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.A./M.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100.00	0.00	0.00

28. How many students have cleared national and state competitive examination such as NET,SLET,GATE, Civil Services, Defense Services, etc.?: NET / SET Qualified Students: 09

29. Student progression :

Student progression	Against % enrolled
UG to PG	10 %
PG to M.Phil.	-
PG to Ph.D	1%
Ph.D to Post-Doctoral	-
Employed	
• Campus selection	-
• Other than campus recruitment	20%
Entrepreneurship/ Self-employment	-

30. Details of Infrastructural facilities :

a) Library: Central library with separate section of Geography and also departmental library with 366 Books. Digital library is also available.
b) Internet facilities for staff & students: Internet facility is available for staff and students with 10 Mbph internet connection.
c) Class rooms with ICT facility: Yes
d) Laboratories : 03 equipped with ICT facility

31. Number of students receiving financial assistance from college, University Government or other agencies:

The figures represent the total number of students of the Arts Faculty and the Post Graduate students of the department.

Year	Total number of students
2010-11	51

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external

experts :

Enrichment Programme

- Career development programme in NET/ SET: 27th and 28th October, 2006.
- Research in Social Sciences.
- Competitive Exam Guidance Workshop: - 17th, 18th and 27th January,2011.

Experts :

Shri. Amol Gaikwad Prof. Yusuf Shaikh
Shri. R. K, Kane Prof. Tukaram Jadhav
Prof. Sachin Thiswandkar Prof. Ramesh Dhumal

One day workshop on 'Application of GIS in Population and Settlement Planning and Management' on 5th February 2011.

33. Teaching methods adopted to improve student learning:

- Chalk and talk method
- Use of ICT
- Discussion Method
- Film show on certain topics

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- A rain water harvesting unit installed by the college is maintained by the Deparment of Geography.
- Village Surveys are completed to find out Socio-economic characteristics and problems.

35. SWOC analysis of the department and future plans :

Strength :

- Well qualified and experienced staff
- Enriched collection of departmental books, periodicals and equipments
- Well-equipped and upgraded laboratories.
- Abundant educational aids for teaching Geography.

Weakness:

- Constraints arising out of syllabus.
- Traditional evaluation method as per the university policy.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Shaping the careers of students through self-employment courses like Travel and Tourism, GIS, etc.
- Soft skill development programmes to improve overall development of the student
- Improving communication skills of students of Geography to facilitate their employment prospects

Challenges:

- To improve overall personality of students
- To inculcate research aptitude among the students
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans

- Certificate Course in GIS
- Certificate Course in Travel and Tourism
- Post Graduate Research Centre in Geography
- Research Annual in Geography

Departmental Activity:

Department of Geography actively arranged many programmes and study tours for the students.

Study Tour and Excursion:

Post Graduate Wing –

There are….. Students in the post graduate wing in this academic year. …. Students Arts faculty geography at special level. From Science faculty students after geography.

Village surveys and study tours are arranged for the geography students. Reports are prepared by the students.

1. Village survey of Gorhe Budruk was conducted by the department in September 2010 & village survey report was prepared. All members of the staff & post graduate students participated in the village survey.
2. A lecture by Dr. J.A.Jadhav on 'New trends in Geography' was organized for Geography students on 14th Jan. 2011.

Departmental Activities :

In the department beyond class room teaching many activities are conducted for the students.

Special Achievements :

In this year we are very proud regards one occasion. Our lab Assistant Mr. Tukaram Tandale was felicitated by Progressive Education Society, for his services as non teaching staff with the award of excellence.

Post Graduate Wing –

1. Village survey of Gorhe Budruk was conducted by the department in September 2010 & village survey report was prepared. All members of the staff & post graduate students participated in the village survey.

2. A lecture by Dr. J.A.Jadhav on 'New trends in Geography' was organized for Geography students on 14th Jan. 2011.

Senior Wing –

Excursion –

1. On the 13th Jan 2011 an excursion was arranged for S.Y.B.A. & T.Y.B.A. (Geography Special) students at Nagaon & Kihim accompanied by Dr. Nayana Kulkarni, Prof. Navnath Wayal & Shri. Shendkar.
2. On 29th September 2010 a study tour was arranged for M.A. Geography Sem-I students at Revdanda & Nagaon accompanied by Prof. Amit Sonawane Prof. Sunita Gaikwad & Shri. Shendkar.
3. On 15th Feb 2011 a study tour was arranged for S.Y.B.Sc. students at Mahableshwar with department of Botany.

Department of German

1. **Name of the department:** Department of German
2. **Year of Establishment:** 2010
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)**
   B.A. German (General): 2010
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual/ semester/choice based credit system (programme wise)**
   B.A. German: Annual Pattern
6. **Participation of the department in the courses offered by other departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   - A1 and A2 courses in collaboration with Max Mueller Bhavan, Goethe Institute.
   - Summur course in German Language with the support of Humboldt University, Berlin.
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts.**

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	2	1

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

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. Sanjeevani Kuvalekar	M.A.	Asst. Professor	German	35	-

11. **List of senior visiting faculty**
    Dr. Sunanda Mahajan, Professor, Department of German, Pune University, Pune.
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**
    B.A. German : 35%
13. **Student -Teacher Ratio (programme wise)**
    BA : 20:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled**
    One post of Faculty Clerk, in the college office is sanctioned and filled.
15. **Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./PG.**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	1	-	-	-	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University:** Nil
19. **Publications:**

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Prof. Sanjeevani Kuvalekar	-	-	-	-	4	-	4

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees: Mrs. Sanjeevani Kuvalekar is a member of Der Indische Deutschlehrerverband (InDaF).

b) International Committees: Mrs. Sanjeevani Kuvalekar is a member of **PASCH (Partner Schulen, Germany)**

c) Editorial Boards: Member of Editorial Committees of Tilak Maharashtra Vidyapeeth and Member of Maharastra State Board.

22. 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

23. Awards/ Recognitions received by faculty and students

- Member of Board of Studies for German Language in Tilak Maharashtra Vidyapeeth.
- Convener, Board of Studies of Foreign Languages, Maharashtra State Board.

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

- Dr. Christoph Senft (DAAD)
- Dr. Anja Hallacker (DAAD)
- Dr. Sunanda Mahajan, Department of German, Pune University, Pune.

25. Seminars/ Conferences/Workshops organized & the source of funding

a. National: Nil

b. International: International Conference on Employabilty Enhansment through proficiency in Indian and foreign languages (Funding from ICSSR and Pune University).

26. Student profile programme/course wise:

Name of the Course/programme - B.A. German	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	7	7	3	4	-

27. Diversity of Students

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	---
PG to M.Phil	---
PG to Ph.D	---
Ph.D to Post-Doctoral	---
Employed	
• Campus selection • Other than campus Recruitment	---
Entrepreneurship/Self-employment	---

30. Details of Infrastructural facilities

a) Library: Departmental Library available with approx. 60 books, and audio visual aids

b) Internet facilities for Staff & Students: Yes

c) Class rooms with ICT facility: Yes

d) Laboratory: Yes

31. Number of students receiving financial assistance from college, university, government or other agencies

The figures reperesnt the data of the Arts Faculty.

Academic year	Number of students
2010-11	42

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

- An innovative activity 'Stamm Tisch', under which the students of German Special from Modern College, Fergusson College and S.P.College meet every Saturday at 5.00 pm in Kamal Neharu Park and interact in German language on a

particular topic in the presence of a native German and German teachers. Students learn German through games and songs under this activity.

- Lectures by German Experts for Students of Modern College, S.P. College and Ferguson College on the topic 'German Culture'.
- Cultural Activity: Christmas Celebration, where German learning students from India, Afghanistan and Mauritius presented ways of Christmas celebration in their countries.

33. Teaching methods adopted to improve student learning

- Interactive Teaching with the use of audio-visual aids and internet.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

35. SWOC analysis of the department and Future plans

Strength

- Add on language courses
- Support through MOU of PASCH & college authorities
- Good collection of books & teaching aids
- Organization of workshops, conferences & lectures by experts

Weakness

- Shortage of adequate competent faculty
- Placement activity at departmental level needs to be strengthened.

Opportunities

- To have MOUs with foreign universities
- To establish Foreign Language Cell which will be beneficial for all professional courses like engineering
- To attract students other than Maharashtra & India

Challenges

- Floating faculties
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans

- To undertake research projects and involve students in research
- To start a Film Club
- To develop collaborations with other German Universities for research projects
- Collaborating with the Max Muellar Bhavan, the department will be offereing Level 2 and Level 3 courses in German language.
- To have Faculty Exchange Programme with German, Austrian and Swiss universities

Departmental Activity:

Achievements of Mrs. Sanjeevani Kuvalekar

- Invited by PASCH to take part in **international seminar** for German teachers. This seminar took place from 6th June 2010 to 26th June 2010 in **Hamburg and Freiburg, Germany**.
- The two cities Hamburg and Freiburg are metropolitan cities. One is in North Germany other is in South and both have varied cultures. Through this seminar participants from all over the world got to interact with each as also they got opportunities to learn new teaching techniques.
- Successfully completed online course of **Didactics and Methodology** which was conducted by Goethe Institute, Munich, Germany.
- Participated in the State Curriculum Framework Workshop which was organized by the Maharashtra State Board of Education and Balbharti in September 2010.
- Along with **Mrs. Shilpa Rege and Mrs. Alka Kulkarni,** she participated in a Film Workshop and the yearly PASCH meet.

Achievements of students

- A student, Ms. Rucha Khare (F.Y.B.A) was selected to participate in a youth camp in Germany through an essay writing competition by PASCH.
- Many of our students enjoyed German Film Festival and a German Musical Band "Foto". Both these activities were organized by PASCH. Also a number of students were invited by PASCH to participate in a youth camp at Hidden Oasis.
- Students also participated in an essay writing competition in MMCC College.
- Our football team represented in the tournament among PASCH Schools and Colleges.
- Some students attended a Film Workshop in MMB and made a short film on one German poem.

Mrs. Sanjeevani Kuvalekar involved in the group activities at the course in Germany.

Department of Hindi

1. **Name of the department:** Department of Hindi
2. **Year of Establishment:** 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** B.A. Hindi (Special): 2006
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual/ semester/choice based credit system (programme wise) :**
   B.A.: Annual Pattern, F.Y.B.Com.: Annual Pattern
6. **Participation of the department in the courses offered by other departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
   Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts**

	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Assistant Professors	-	-

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D Students guided for the last 4 years
Prof. Sunita D Purohit	M.A. B. Ed	Head of the Department	Hindi Literature	31	NA

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:** Nil
13. **Student -Teacher Ratio (programme wise)**
    B.A.: 20:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**
    One post of Faculty Clerk, in the college office is sanctioned and filled.
15. **Qualifications of teaching faculty with D.Sc./ D.Litt./ Ph.D./ M.Phil./PG.:**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	1	-	-	-	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University:** Nil
19. **Publications:**

Name of the faculty	Papers			Total publications
	International	National	Presented in Conference	
Prof. Sunita D. Purohit	2	2	-	4

20. **Areas of consultancy and income generated** : Nil
21. **Faculty as members in**
    a) **National committees**
    b) **International Committees**
    c) **Editorial Boards**

- Prof. Sunita Purohit is a member of Board of Studies in Hindi and Examination Board at St. Mira's College, Pune.
- Prof. Sunita Purohit was a member of Editorial Board of International Conference on Employability Enhancement through proficiency in Indian and Foriegn languages, organized by the Language Departments of the college.

22. **Student projects**

a) **Percentage of students who have done in house projects including inter departmental/programme**: 30%

Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil

23. **Awards/ Recognitions received by faculty and students**

Students

- First Prize for play and two prizes for Best Actor in a competition held by Maharashtra Rashtrabhasha Sabha, Pune. Prof Sunita Purohit won the First Prize for direction.
- Miss Sujata Bhalerao, a student from SY BA got First Prize in essay writing competition organized by Poona College, Pune, in 2010. She also received First Prize in 2011 in an essay competition organized by Modern College, Ganeshkhind, Pune.

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

- Prof S.M Shah, Ex- Principal and President, Maharashtra Rashtrabhasha Sabha
- Dr. Kanti Lodhi, Head, Department of Hindi, N.Wadia College, Pune.
- Prof. Neela Mahadik, Department of Hindi, Garware College, Pune.
- Dr. Rajani Ranapise, Head, Department of Hindi, Fergusson College, Pune.
- Dr. Neela Borwankar, Head, Department of Hindi, Garware College, Pune.
- Dr. Shubhada Moghe, Head, Department of Hindi, Saint Meera's College, Pune.
- Dr. Omprakash Sharma, Department of Hindi, Garware College, Pune.
- Prof. Shailaja Mandke, Head, Department of Hindi, Garware College, Pune.
- Dr. Sunil K. Deodhar, Hindi Officer, Akashwani Kendra, Pune.
- Dr. Padmaja Ghorpade, Head, Department of Hindi, S.P. College, Pune.

25. Seminars/ Conferences/Workshops organized & the source of funding

a. International: International Conference on 'Employabilty Enhansment through proficiency in Indian and foreign languages' (Funding from ICSSR and Pune University).

26. Student profile programme/course wise:

Name of the Course/programme - B.A. Hindi	Application received	Selected	Enrolled		Pass %
			*M	*F	
2010- 2011	239	75	33	42	100

27. Diversity of Students

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	0	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?: Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil.	5%
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	-
• Other than campus recruitment	5%
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

a) Library: Centralized Library
b) Internet facilities for Staff & Students: Yes
c) Class rooms with ICT facility: Available
d) Laboratories: Language laboratory available

31. Number of students receiving financial assistance from college, university, government or other agencies:

The figures represent the total number of students of Arts Faculty.

Academic Year	Total number of students
2010-11	42

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning:

- Lectures, discussions in classes, Group Activities, Competitions like Essay Writing, Grammar Workshops, and activities like 'Multiple Words for One'.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Participation in various One-Act Plays for social awareness and current social issues, organized by Maharashtra Rashtrabhasha Sabha.
- Donations offered to various NGO's.

35. SWOC analysis of the department and Future plans:

Strength:

- A good collection of reference books on Hindi literature
- Contribution of the department faculty in co-curricular and extra-curricular activites

Weaknesses

- Limited job opportunities for students
- Placement activity at departmental level needs to be strengthened.

Opportunities

- To achieve proficiency in Hindi language and thereby contribute to National Integration

Challenges

- To overcome the difficulties in introducing Post Graduate course in Hindi
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans

- Hindi Translation Course
- Rajbhasha Hindi Course.

Departmental Activity:

1) 12th Aug, 2010-Various competitions were organized on the occasion of "tulsi Jayanti' for the students of F.Y.S.Y., T.Y.B.A. & F.Y.B.Com. Classes like essay writing, advertisement writing & news writing. Successful students were **F.Y.B.A.**
   a) i) Gopal Hazare ii)Medha Pawar
   b) **S.Y.B.A. & F.Y.B.Com.** i) Jyoti Lokhande (B.A.) ii) Aakash Zore(B.Com.) Purnima Patel (B.A.) iii) **T.Y.B.A.** i) Sujata Bhalerao.
2) Organized Lecture series by experts in Hindi Literature.
   3rd Sept.- Dr. Rajani Ranpise.
   4th Sept.-Prof. Neela Mahadik
   6th Sept.-Dr. Shubhada Moghe.
3) 17th Sept. 2010 Organized a 'Hasya Kavi Sammelan' on the occasion of Hindi Day (14th Sept.) Honorable Guest was Prin. S. M. Shah – Maharashtra Rashtrabhasha Sabha-Pune. Mr. Sanjay Bharadwaj – Editor of 'Kshitij' was the co-ordinator of this program. Poems were presented by Mr. Madhu Salunke & Mrs. Swati Thakar.
4) 21st Feb. 2011 – Sujata Bhalerao a student of T.Y.B.A. Hindi special, got first prize in Hindi essay competition organized by Modern College, Ganeshkhing. She wrote on 'Sahitya Ka Jeevan Main Mahatav'.

Individual Activities

Mrs Sunita Purohit

1) 3rd March 2010 – Delivered a speech on Pune radio in a Hindi Programme 'Kalash' – Sub. - Book review.
2) 4th June 2010 – Compered a Dance Programme on culture of Maharashtra organized by Rochit Kathak Dance Academy.
3) 8th Oct. 2010 – 'Krishanayan' a classical dance programme organized by Nrityabharati Kathak Dance Academy. Concept, Research & script writing.
4) 8th July 2010 – A story by Pushpa Gujarathi was read on Pune Radio ib Hindi programmeKalash and was reviewed.

22nd Oct. & 1st Nov. 2010 – Participated in Kavisammelan's organized by Maharashtra Rashtrabhasha Sabha. Pune.

Department of History

1. **Name of the department:** Department of History
2. **Year of establishment:** 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
   B.A. History (Special)
4. **Names of Interdisciplinary courses and the departments / units involved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):**
   B.A. History: Annual Pattern
6. **Participation of the department in the courses offered by other Departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	2 (1 FT, 1 PT)	2 (1 FT, 1 PT)

10. **ulty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience	No. of Ph.D. Students are

				in years	working Under guidence for the last 4 years
Dr. Rajesh Kulkarni	M.A.(History), M.A. (Communication),Ph.D.	Head of the Department	Traditional Knowledge	16	-
Dr. M. K. Admane	M.A.,(History), M.Phil., Ph.D.	Assistant Professor	Medival and Modern India	19	-

11. List of Senior Visiting Faculty: Nil

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty: Nil

13. Student – Teacher Ratio (program wise):

B.A. History: 20:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled- Administrative Staff:

One post of Faculty Clerk, in the college office is sanctioned and filled.

15. Qualification of teaching faculty with DSc / D.Litt / Ph.D. / MPhil / PG.- Ph.D., PG:

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	-	-	2	-	-

16. Number of faculty with ongoing projects from a) National b) International Funding agencies and grants received: Nil

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

18. Research Centre /facility recognized by the University: Nil

19. Publications:

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Dr. Rajesh Kulkarni	-	-	1	-	8	-	9
Dr. M. K. Admane	-	-	3	-	-	-	3

20. Areas of consultancy and income generated:

Non-remunerative cunsultancy on Indian Cultural Heritage and Traditional Knowledge of Meditation has been provided to various sectors of society.

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards

Nil

22. Student Projects:

Students on their own internet created 2 projects

a) Percentage of students who have done in house projects including inter departmental/programme: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students: Nil

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

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National: Nil
b. International: Nil

26. Student profile programme/course wise:

Name of the Course/programme - B.A.	Application received	Selected	Enrolled		Pass %
			*M	*F	
2010- 2011	239	168	117	51	100

27. Diversity of Students:

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.: Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil	10%
PG to Ph.D	1%
Ph.D to Post-Doctoral	-
Employed	
• Campus selection • Other than campus Recruitment	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities:

a) Library: Yes. Main Library has reference books, textbooks, special references

b) Internet facilities for staff & Students: Yes, 10 mbps leased line

c) Class room with ICT facility: Yes

d) Laboratories: History museum.

31. Number of students receiving financial assistance from college, University, government or other agencies:

The figures represents the total number of students of the Arts Faculty.

Year	Total number of students
2010-11	42

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

The department conducts an add-on Certificate Course on *Modi* script.

33. Teaching methods adopted to improve student learning:

- Use of ICT
- Visits to historical places and museums

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Through NSS
- Dr. Rajesh Kulkarni has written books, and prepared CDs on various topics of social relevance.

35. SWOC analysis of the department and future plans:

Strength:

- History museum
- A document on a brief Historical account of the college since its inception
- Hundred percent staff is Ph.D. qualified
- Consistently hundred percent result in last five years
- Collection of traditional knowledge (books, scripts, etc)
- Linkage with NGO 'Satya Sangha'

Weaknesses:

- Subject offered at UG level only.
- Limited job opportunities for the subject.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Students inclined towards competitive examinations have added advantage of opting History.
- Students and staff can provide technical support and services to nearby private History museums.

Challenges:

- To encourage the students to develop the appropriate perspective of studying History
- To inculcate research aptitude among the students
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plans:

- To start Post Graduate Centre in History.
- A compilation of information on historical monuments in the city
- To prepare e-brochure for better placement
- To establish linkages with historical monuments and film archive institutes and other research institutes to create awareness about the importance of studying History
- To provide guidance to students for preparation of competitive examinations
- Starting a Meditation Course for the students preparing for Competitive Examinations

Departmental Activity:

????history???

- Dr. Rajesh Kulkarni, Head of the Department

Department of Marathi

1. **Name of the department:** Department of Marathi
2. **Year of Establishment:** 1970
3. **Names of Programs / Courses offered**

   B.A. Marathi
   M.A. Marathi
   Ph.D. Marathi
   Add-on course on Translation (English to Marathi)
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual / semester / choice based credit system (Programme wise)**

   B.A.: Annual Pattern
   M.A.: Semester Pattern
   Add-on on Translation: Annual Pattern
6. **Participation of the department in the courses offered by other departments:**
   - Department of Commerce: Functional Marathi
   - Faculty of Science: Prescribed Text and Functional Marathi
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

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

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

Name	Qualification	Designation	Specialization	Experience in years	No. of Ph.D. Students are working Under guidance for the last 4 years
Dr. Snehal Tawre	M.A., Ph.D.	Associate Professor	Modern-Ancient Marathi Literature, Linguistics	30	7 and One Foreign Student (Open University, Mauritius)
Prof. Nisha Bhandare*	M.A., NET, M.Phil.	Associate Professor	Modern Marathi Literature, Novel	16	-
Dr. Madhura Koranne	M.A., Ph. D.	Associate Professor	Modern Marathi Literature, Drama	15	-
Dr. Vaijayantimala Jadhav*	M.A., NET,SET, Ph.D.	Assistant Professor	Modern Marathi Literature	5	-

(* Worked in the Leave Vacancy of Prof. Nisha Bhandare, who was on a sabbatical leave of UGC-FIP for pursuing Ph.D.)

11. **List of Senior Visiting Faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty:**

    B.A. Marathi: Nil
    M.A. Marathi: 37%
13. **Student -Teacher Ratio (programme wise):**

    B.A. Marathi: 20:1
    M.A. Marathi: 13:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled- Administrative Staff**

    Two posts of Faculty Clerk, in the college office are sanctioned and filled.
15. **Qualification of teaching faculty with DSc / D.Litt / Ph.D / MPhil / PG**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	-	1	2	-	-

16. **Number of faculty with ongoing projects from a) National b) International Funding agencies and grants received:**
17. **Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University**:

    Post Graduate Research Centre in Marathi is recognized by Pune University
19. **Publications:**

- **Books Edited:**

  Dr. Snehal Tawre - 9

- **Books with ISBN/ISSN numbers with details of publishers:**
  1. Snehavardhan Prakashan, Pune.
  2. Yasawant Publication, Nasik.

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Dr. Snehal Tawre	6	5	5	-	15	7	38
Prof. Mrs. Nisha Bhandare	-	-	1	-	-	-	1
Dr. Madhura Koranne	0	3	-	-	3	1	7
Dr. Vaijayantimala Jadhav	1	2	-	-	-	1	4

20. Areas of consultancy and income generated:

The department provides non-remuneative consultancy in publication business.

21. Faculty as members in

a) National committees: Nil

b) International Committees:

- External Guide - Open University of Mauritius
- Dr. Snehal Tawre is a Director of Snehavardhan Research Institute Trust, Pune.

c) Editorial Boards:

- Editor at Snehavardhan Prakashan, Pune.
- Member of Editorial Committee for an International Conference on 'Employabilty Enhansment through proficiency in Indian and foreign languages'.

22. Student Projects

a) **Percentage of students who have done in house projects including inter departmental/programme:** 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. Awards / Recognitions received by faculty and students:

Awards by teachers:

Dr. Snehal Tawre

- Edited books presecribed as text and reference books in the curriculi of various universities in Maharashtra, Telangana, Karnataka, Gujarat, Goa.
- Recipient of the 'Best Teacher Award' in 2011, by Dr. D.T.Bhosale Social Foundation, Pandharpur.
- 'Best Performance Award in Education' by Progressive Education Society, Pune.

Dr. Madhura Koranne

- 'Best Performance Award in Education' by Progressive Education Society, Pune, in 2010.
- Received '*Madhav Manohar Smriti Puraskar*' (2010) from *Rangat Sangat Pratishthan* and *Sahil Foundation* Pune.

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

2010-11

- Mr. Ashok Kotawal, Eminent Writer in Marathi Literature

25. Seminars/ Conferences / Workshops organized & the source of funding

a. National: Nil

b. International: Nil

c. State: Nil

26. Students profile program / course wise:

B.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	239	153	100	53	75.00

M.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	32	15	11	4	75.00

27. Diversity of Students

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100.00	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.: 01

29. Student progression

Student progression	Against % enrolled
UG to PG	PG strength is less as compared to UG. Out of Total students admitted for PG, more than 70% are our UG students.
PG to M.Phil.	-
PG to Ph.D.	2%
Ph.D. to post –Doctoral	-
Employed	
- Campus selection - Other than campus recruitment	-
Entrepreneurship / Self-Employment	20%

30. Details of infrastructural facilities

a) Library - Yes
b) Internet facilities for staff & Students – Yes, 10 mbps leased line
c) Class room with ICT facility – Yes
d) Laboratories – Language laboratory available

31. Number of students receiving financial assistance from college, university, government or other agencies:

The figures represent the total number of students of the Arts Faculty and Post Graduate students of the department.

Academic Year	Total number of students
2010-11	51

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- Guest lectures
- Seminars

2010-11

- Organized a lecture by Mr. Ashok Kotwal on 'Prathanechi Granth'

33. Teaching methods adopted to improve student learning:

- Traditional method
- Use of ICT in few classrooms
- Debate competitions
- Essay writing sessions and competitions

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Through NCC and NSS, Vidyarthini Manch.
- Proof Reading Course for neighberhood community

35. SWOC analysis of the department and future plans:

Strength:

- Every member of the staff has PG teaching recognition
- Books written by the staff members are prescribed by Pune University and other universities.
- Memebrs of the department have published many research articles in various research journals.

Weaknesses:

- In Maharashtra, less number of students offers Marathi at BA special level.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Involving more number of students in cocurricluar and extra curricular activites leading to improved abilities and personalities
- Improving fluency in the language and communication skills amnong the students.
- Teaching Marathi to non-marathi people coming in large number due to employment and other opportunities in Maharashtra

Challenges:

- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans:

- Better infrastructure for research.
- The Post Graduate Research Centre in Marathi will be publishing a research journal '*Samshodhan Vishwa*'.
- The department will start an add-on course named *'Vani'* to improve the knowledge of Marathi for the international students as well as for the local students.
- Add-on course on
- Drama and Stage Performance
- Event Management.

Departmental Activity:

Marathi department is a post graduate department. This department has students from Arts, Science and Commerce wing. During this year, the department had a heavy schedule of curricular and extracurricular activities.

For P.G. Section, we had 28 students and in U. G. Section for second and third year B. A., 32 students who have opted for Marathi as a special subject.

We organized a lecture by Mr. Ashok Kotwal on 4th January 2011; on text book 'Prarthanechi Ghanta'

Achievements:

Dr. Snehal Taware

1) Elected unanimously as a chairperson of Board of Studies, Marathi, University of Pune.
2) Appointed as a member on Board of Studies for Commerce and Arts in St. Mira's College for girls in Pune. It is an autonomous college.
3) Appointed as a member on Board of Studies in Dr. Babasaheb Ambedkar University Aurangabad.
4) Appointed on the editorial board for Marathi in Centre for distant education on Swami Ramanand Teerth Marathwada University, Nanded.
5) Received a prize from Apte Vachan Mandir Puraskar, Ichalkaranji for the book, 'Shivaji Maharajanvaril Mahakavya Rachana' on 13th July 2010.
6) Appointed as an examiner for Lokmat essay competition on 15th May 2010.
7) Appointed as chief guest in Rangat-Sangat Pratishthan Puraskar, on 30th November 2010.
8) Speech on 'Sant Sahitya ani yuva Pdhi' at 10th Sahiytik Kalawant Samelan, on 18th December 2010.
9) Invited as a chief guest in Varvand College, State level Seminar on 21st January 2011.
10) Chief guest at the Silver Jubilee function of Shabda Vaibhav Kalamandal and her hands the web site was released on 23rd January 2011.
11) Lecture on 'Sahitya ani Samaj' in Shahu College, on 27th January 2011.
12) A lecture on 'Publishin Gusiness' in Waghire College, Saswad on 5th February 2011.
13) Lecture on 'Lalit Gadya' in the seminar, held in Shahu College, Pune, on 4th February 2011.
14) The chairperson of State level Seminar in Shiv Chhatrapati Arts and Commerce College, Pune on 'Marathi Kavya ani Badalate Manavi Jeevan' on 12th February 2011.
15) Speech on 'Patrakariteche Mahatva ani Nokarichya Sandhi' in the state level seminar in Sanjivanee College, on 11th March 2011.
16) Prize distribution ceremony at Aabeda Inamdar College, on 11th March 2011.
17) V.C. nominee and subject expert on various interview panels.
18) Article on 'Marathi' Bhasheche Lekhan in the Akshar Vidharbhi Masik, on March 2011.

Dr. Madhura Koranne:

- Rangat – Sangat Pratishtan and Sahil Foundation awarded "Madhav Manohar Smruti Puraskar' as Prominent Natya Samikshak on 30 November 2010, towards contribution in Natya Samiksha.
- Published articles in Diwali Magazine 2010 – Subject 'Doctaranchi Badalati Navi Pratima' in Deepmala 2010.
- 'Adhunik Marathi Natakatil Stree Rupe' in Nihar 2010.

Prof. Nisha Bhadare

All India Radio, pune, in the afternoon for ladies, conversation and presentation in the program 'Snehabandh'

1.) Mahilanchi Sarvangin Saksharta
2.) Udyachi Aai Vachava
3.) Sakas Aahar Aaila, Nirogi Ayushya Balala Shritika
4.) Baburaoji Gholap Mahavidyalay, Sangavi, Marathi Division, Pune Vidyapith organized two days group discussion, Essay writing and reading on 'Marathi Sahityatil Paryavaraniy Sanvedan: Ek abhyas' related subject 'Gramin sahityatil kavita va kathemadhun disanare paryavarniya sanvedsan'.
5.) Speech on '21 Vya Shatakatil Striyanche Sthan' at Era Education society, Aarvi B.Ed. Collage under Mahila Sabalikaran one day workshop.
6.) For state level student of National Social Service from Modern collage and Pune University one day workshop on 'Stri Purush Samanta'.
7.) On Jayanti of Phule Ambedkar, speech – A.R.D.E., Pashan, April – 2011.

- Dr. Snehal Tawre, Head, Department of Marathi

Department of Mathematics

1. **Name of the department:** Department of Mathematics
2. **Year of Establishment:** UG: 1970, PG: -
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.Sc. Mathematics
   M.Sc. Mathematics

4. **Names of Interdisciplinary courses and the departments/units innvolved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):**

   B.Sc. Mathematics : Semester Pattern
   M.Sc. Mathematics : Semester Pattern
6. **Participation of the department in the courses offered by other Departments:**

- Design and Analysis of Algorithms, Numerical Analysis, Discrete Mathematics, and Operational Research from the Department of Computer Science
- Business Mathematics and Statistics from the Department of Commerce

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors		
Associate Professors	1	1
Asst. Professors	6	6

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

Name	Qualification	Designation	Specialization	Years of Experience	Ph.D. Students guided
Prof. D. S. Mane	M.Sc.	Associate Professor	Mathematics	20 yrs	-
Dr. A.N. Bhavale	M.Sc., Ph.D. ,NET	Head of the Deparmtnet	Mathematics	13 yrs	-
Prof. P.V. Gadagkar	M.Sc.,NET SET	Assistant Professor	Mathematics	3 yrs	-
Prof. P.M. Paratane	M.Sc., NET SET	Assistant Professor	Mathematics	17 yrs	-
Dr. N.H. Mahajan	M.Sc., M.Phil., Ph.D.	Assistant Professor	Mathematics	19 yrs	-
Prof. M.S. Rane	M.Sc.,NET	Assistant Professor	Mathematics	3 yrs	-

11. **List of Senior Visiting Faculty:**

- Dr. B.N.Waphare, Ex-Head and Professor, Department of Mathematics, Pune University, Pune.
- Dr. M.M.Shikare, Ex-Head and Professor, Department of Mathematics, Pune University, Pune.
- Dr. V.V.Joshi, Associate Professor, Department of Mathematics, Pune University, Pune.

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :** UG: 0% PG: 80%
13. **Student -Teacher Ratio (programme wise):**

    B.Sc.: 15:1
    M.Sc.: 12:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

    Two posts of Faculty Clerk, in the college office are sanctioned and filled.
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil /PG**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	5	-	2	-	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**

    Dr. A. N. Bhavale: Principal Investigator of one Minor Research Project (2009 - 2012) from BCUD, Pune University, Pune. Grants received Rs. 1,00,000/-.
17. **Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University:**

    Two faculty members have completed the Ph.D degree and two are pursuing their Ph.D. from Pune University, Pune. The department intends to apply for the Research Centre in the near future.
19. **Publications:**

Name of the faculty	Papers			Total publications
	International	National	Presented in Conference	
Dr. A.N. Bhavale	-	-	11	11
Prof. P.V. Gadagkar	-	-	1	1
Prof. P.M. Paratane	-	-	1	1

20. **Areas of consultancy and income generated:** Nil
21. **Faculty as members in**
    a) **National committees**
    b) **International Committees**

c) Editorial Boards

Dr. A.N.Bhavale is a Life Member of Indian Mathematical Society (IMS) and Indian Science Congress Association (ISCA).

22. 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

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

- Dr. B.N.Waphare, Ex. Head and Professor, Department of Mathematics, Pune University.
- Dr. M M Shikare, Ex. Head and Professor, Department of Mathematics, Pune University.
- Prof. M. Prakash, Director, IIT Coaching Institute, Pune.
- Prof. T.T. Raghunathan, Retd. Professor, Department of Mathematics, Pune University.
- Prof. P.P. Chikate., Ex.Head of the Mathematics Department, Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5.

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National: Nil
b. International: Nil
c. State: 03

- A one-day workshop on 'Scilab for Teachers' in the year 2011.
- A State Level Workshop on 'Fuzzy Logic and Related Topics' organized in the year 2012, funded by BCUD, Pune University, Pune.

26. Student profile programme/course wise:

B.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	297	106	65	41	74.36

27. Diversity of Students:

B.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: 03 NET + 01 Civil Services

29. Student progression

Student progression	Against %enrolled
UG to PG	40%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
Campus selection Other than campus recruitment	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities:

a) Library: Central Library along with Digital Library is available for the students

b) Internet facilities for Staff and Students: The department has 6 PCs and 1 laptop all of which are equipped with internet facility of 10 mbps leased line.

c) Class rooms with ICT facility: One for F.Y.B.Sc.(Science) and two for M.Sc. Mathematics. One LCD projector is installed in the department and one stand by LCD projector is also available

d) Laboratories: Common Computing Laboratory available

31. Number of students receiving financial assistance from college, University, government or other agencies:

The figures represent the total number of students of the Science Faculty and Post Gradate students of the department.

Year	Total number of students
2010-11	49

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

- A workshop entitled 'How to be independent in study habits?' was arranged with the help of Psychology Department. Prof. Mrs. Shraddha Sakatkar guided the students.
- Two eminent guest speakers: Prof. Bhambre and Dr. V. V. Acharya delivered lectures on 'Ring Theory'.
- The students of M.Sc Part I attended a workshop on Group Theory arranged by *Bhaskaracharya Pratisthan*.
- Prof. Deepali Lodh from Department of English guided the students on 'How to face the seminar'
- The former head of the department and an eminent professor Mrs. P. P. Chikate delivered a talk focused on 'Independent Study Methods'.
- Mr. A. K. Bhosale (Alumni of The College), Director L. K. Infotech guided the students for the job opportunities in IT field. He elaborated the structure of different units of the IT industry.
- Four guest lectures by eminent mathematicians from Pune University, Pune, were arranged for M.Sc. students.
- Conduced three counselling sessions for S.Y.B.Sc. students to help and facilitate them to overcome their diffucilties regarding study methods and related areas.

33. Teaching methods adopted to improve student learning:

- Chalk and Board
- Use of ICT
- Group Discussions
- Assignments and Seminars

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Through NSS and NCC activites

35. SWOC analysis of the department and future plans:

Strength:

- Very encouraging response for Mathematics at B.Sc. since the introduction of the subject by the college and many of these students were in the merit order of the university.
- Post Graduate course in Mathematics is available in very few colleges and ours is one of them.

Weakness:

- The subject is in great demand at UG as well as PG. However, due to limited intake capacity, the demand cannot be fulfilled.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- The staff members have apportunites to undertake Minor/Major Research Projects

Challenges:

- To inculcate research aptitude in students
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plan:

- To start a Research Center in Mathematics
- To conduct State/ National level Workshops/Seminars/Conferences
- To start a Certificate Course on 'Latex', a mathematics type setting package for undergraduate students.

Departmental Activity:

The Department of Mathematics has always tried to impart quality education at Junior and Senior level. In this academic year, the strength of F.Y.B.Sc., S.Y.B.Sc. and T.Y.B.Sc. was 131, 91 , 41 respectively. Results of academic year 2009-10; out of the 45 students in TYBSc, 70% of students passed 13 students secured first class with distinction. Further, average result of every subject was above 90%.

In the academic year 2010-2011, thirty two students of IX th and XII Science registered for Regional Mathematics Olympiad and appeared for the examination. About twenty students of Std XII secured more than 90 marks in Mathematics at the H.S.C. Examination of 2009-10. Ms. S.M. Gaitonde took V.R.S. and retired on 31st December 2010 she worked as a teacher of Mathematics in our college for twenty years.

Departmental Activities:

a) Workshop on Scilab : A one day workshop for teachers on SCILAB was organized on 21st January 2011 coordinated by Dr. Mrs. Nivedita Mahajan . This workshop was a part of the Quality Improvement Programme of University of Pune. Dr.M.M. Shikare was invited as the chief guest for the Inaugural function. Principal Dr. R. S. Zunjarrao presided over the function. Eminent personalities from University of Pune, Bhaskaracharya Pratishthana and I.I.T. Powai guided the participants. The workshop was aimed at Scilab training for Mathematics teachers in Computer Science course. Participants from Pune, Nagar and Nashik were present. A Scilab handbook was published on this occasion. The workshop was of great help to teacher.

b) Remedial coaching**:** Prof. D.S. Mane worked as a chairman of Remedial Coaching Committee. The faculty members of the Department provided remedial coaching to B.Sc., B.Sc. (Computer Science) and B.Com. students.

c) Students of S.Y.B.Sc. participated in "Madhava Mathematics Competition" in January 2011.

d) A guest lecture of Prof.M. Prakash was arranged for S.Y.B.Sc. and T.Y.B.Sc. students which was helpful to students for developing their interest in Mathematics .

e) Teacher's Day was celebrated by T.Y.B.Sc. students.

f) A one day trip was organized for T.Y.B.Sc. students to Pali.

Activities of Staff Members:

a) Prof. D.S. Mane worked as a resource person in the re- structuring of T.Y.B.Sc. Mathematics syllabus in Nowrosjee Wadia College. He also worked as a resource person in "Refresher course in Life science" organized by Department of Microbiology , University of Pune.

b) Prof. Mrs. Pooja Paratane delivered lecture in Balaji Institute to the staff members regarding the topic "Preparation for NET SET Exams".

c) Prof. Mrs. Milan Rane cleared her NET exams in this academic year.

d) Dr. Mrs. Nivedita H. Mahajan delivered a lecture in Kashibai Navale college of Engineering Sinhagad Institutes on the topic "Teachers Training Programme". She was also appointed as a Judge for the Interschool Teaching Aid Competition for teachers in Maharashtra Education Society's English medium School, Shirwal.

e) Prof. A.N. Bhavale is a co- author of a book for XII Arts and Science (Mathematics paper I) of Maharashtra State Board of Secondary and Higher secondary Education. He successfully completed "Orientation Programme" which was held in University of Pune and is currently working on a Minor Research project funded by BCUD, University of Pune. He also delivered a guest lecture on 29/12/2010 in Poona District Education Association Arts Commerce and Science College, Pirangut, Pune – 42.

f) Prof. P.V. Gadagkar delivered lectures on preparation for NET-SET Exam in various Institutes viz. Institute of Science – Mumbai, Shivaji University - Kolhapur, Basweshwara College –Latur, Indira College of Science and Commerce –Wakad. He delivered guest lectures in Baburaoji Gholap College-Sangvi, MAEER' MIT College –Alandi .He worked as a resource person in Lecture series for undergraduate students in Mathematics conducted in Bhaskaracharya Pratishthana – Pune. He also worked as a College Co-coordinator of Madhava Mathematics Competition for B.Sc. students conducted by S.P. College in January 2011.

Department of Microbiology

1. **Name of the department:** Department of Microbiology
2. **Year of Establishment:** 2005
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.Sc. Microbiology
   M.Sc. Microbiology
4. **Names of Interdisciplinary courses and the departments/units innvolved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):**

   B.Sc.: Semester Pattern
   M.Sc.: Semester Pattern
6. **Participation of the department in the courses offered by other Departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**

   An add-on course on 'Pharmaceutical Techniques' in collaboration with various pharmaceutical industries.
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts**

	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Assistant Professors	06	06

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Shilpa Mujumdar	Ph.D	Head	Molecular Biology, PGPR	04	-
Prof. Vivek Bobade	M.Sc. NET	Asst. Professor	Biochemistry, Pharmaceutical Biology	03	-
Dr. Smita Bhuyan	Ph. D, Post Doc	Asst. Professor	Molecular Biology, Fermentation Technology	02	-
Prof. Anushka Devale	M.Sc.	Asst. Professor	Immunology	02	-
Prof. Rupali Sawant	M.Sc.	Asst. Professor	Medical Biology	02	-

11. **List of Senior Visiting Faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**

    B. Sc. Mirobiology: Theory: 10% Practical: 10%

    M. Sc Microbiology: Theory: NIL Practical: Nil
13. **Student -Teacher Ratio (programme wise):**

    B.Sc Microbiology: 15:1
    M.Sc Microbiology: 16:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

    Two post of Faculty Clerk, in the college office are sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	3	3

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

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	07	-	02	-	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

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

18. Research Centre /facility recognized by the University:

The department has a recognized laboratory by Pune University, Pune, for research leading to M.Phil.in Microbiology.

19. Publications:

Name of the faculty	Papers			Books			Total publications	Total impact factor	Total citation	h-Index
	International	National	Presented in Conference	International	National/ Local	Book chapter				
Dr. Shilpa Mujumdar	13	2	11	-	-	2	27	40	40	16
Dr. Smita Bhuyan	4	2	3	-	-	4	13	4.5	28	3
Prof. Sheetal Pardeshi	2	-	1	-	-	1	4	-	-	-
Prof. Anushka Devale	3	-	-	-	-	-	3	-	-	-
Prof. Rupali Sawant	1	-	-	-	-	-	1	-	-	-
Prof. Madhuri Kothawade	2	-	-	-	-	-	2	-	-	-
Prof. Shradha Bashetti	1	2	-	-	-	-	3	-	-	-

20. Areas of consultancy and income generated:

Consultancy to Biofertilizer industry.
Project consultancy to student of the Tilak Maharashtra University.

21. Faculty as members in

a) National committees: Dr. Shilpa Mujumdar, AMI, EC member

b) International Committees Nil

c) Editorial Boards Nil

21. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme: 75%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: 25%

23. Awards / Recognitions received by faculty and students: Nil

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

- Dr. Yogesh Shouche, NCCS, Pune
- Dr. B. B.Nath, Department of Zoology, Pune University
- Dr. Kamlesh Jangid, NCCS, Pune
- Dr. Pranay Goel, IISER, Pune
- Dr. Chetan Gadgil, NCL, Pune
- Dr. Milind Watve, IISER, Pune
- Dr.P.K.Dhakephalkar, ARI, Pune
- Dr. Sharad kale, Scientist, BARC, Mumbai.
- Dr. N. Gore, NIV, Pune.

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National: 01 (funded by BCUD , Pune and ICAR, New Delhi)
b. State: 01 (Funded by BCUD, Pune)

26. Student profile programme/course wise:

B.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	297	42	6	36	93

M.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled	Pass %

			M	F	
2010-2011	200	40	7	33	95.84

28. Diversity of Students:

B.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	94.74	3.95	1.32

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: 08

29. Student progression

Student progression	Against % enrolled
UG to PG	95
PG to M.Phil.	-
PG to Ph.D.	04
Ph.D. to Post-Doctoral	01
Employed	
• Campus selection • Other than campus recruitment	20 80
Entrepreneurship/Self-employment	10

30. Details of Infrastructural facilities:

a) Library: Yes
b) Internet facilities for Staff & Students: Yes
c) Class rooms with ICT facility: Yes
d) Laboratories: Yes (4 Laboratories)

31. Number of students receiving financial assistance from college, University, government or other agencies:

Year	Total number of students
2010-11	3

32. Details on student enrichment programmes (special lectures /workshops / seminar) with external experts:

- Departmental Activities
- Model and Poster competition
- Microcreativity (Documentary and Microtoons)
- Lecture Series
- Quiz Competition
- Salad Dressing

33. Teaching methods adopted to improve student learning:

- Use of LCD projector,
- Animated vedios ,
- Review writing,
- Group discussion,
- Presentation.
- Assignments

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Teachers and students visit to orphanage and aware them with personal higen also, donate cloths, grocery and stationary.

Signed MOUs with

1. Satara College of Pharmacy, Satara
2. Nigdi College of Pharmacy, Pune
3. National Toxicology Center, Pune
4. Ayurved Rasshala, Pune

35. SWOC analysis of the department and future plans:

Strength:

- Well equipped labs
- Result mostly above 80 %
- Add-on course in collaboration with industry

Weaknesses:

- Placement activity at departmental level needs to be strengthened

Opportunities:

- Collabration with international Pharma and Biotech industry
- Enhancing the quality of education, through the collaborative activity with Pune University, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

Challenges:

- Higher studies and hands-on training are must for better job profile.
- Continuous advancement in the field demands frequent updation of the curriculum.
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future Plans:

- To strengthen placement activity
- To set up a Microbial Culture Collection Centre in the department.
- To improve research facilities in the department.
- To get funds from various funding agencies for research activities.

Departmental activities

- Organized the State conference on "Microbiology in the 21st century".
- All staff members were a part of the organizing committee for the International Conference on Biodiversity.
- Organized a lecture of Mr. Raghavendra Gaikawari in Association with the Association of Microbiologists of India (AMI).
- Department members were a part of Educational CD designed for XII standard CBSE students. Experiments were conducted for inclusion in the CD-ROM.
- Staff members Guided and accompanied students for the State level Microbiological Quiz organized by R. C. Patel college of Arts, Science and Commerce, Shirpur
- Department has organized Campus Interviews for past and present students in various renowned institutes.

Staff Achievements

Dr. (Mrs.) Shilpa Mujumdar :

- Paper entitled " Studies on bioemulsifier production by *Actinopolyspora spp*. A18 isolated from garden soil" is published in Indian J. of Biotechnology.
- Paper entitled "Bioemulsifier production by *Streptomyces* sp. S22 isolated from garden soil" Accepted by Indian Journal of Experimental Biology and will be published in April issue.
- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of Arts, Science and Commerce, Pune
- **Organizing secretary** for the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune
- Two posters presented at the International Conference entitled "Biotechnology for Better Tomorrow – BTBT 2011" organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Poster presentation at State level conference on "Recent Trends in Life sciences" held at Pirangut
- Ten poster presentations in the State level conference on "Microbiology in the 21st century" at Modern College of Arts, Science and Commerce, Pune.
- A poster presented at State level conference has won Best Poster award.

Mr. Vivek Bobade

- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of Arts, Science and Commerce, Pune
- Member of the organizing committee for the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune
- Two posters presented in the State level conference on "Microbiology in the 21st century" at Modern College of Arts, Science and Commerce, Pune

Miss Smita Bhuyan

- Paper entitled " Studies on bioemulsifier production by *Actinopolyspora spp*. A18 isolated from garden soil" is published in Indian J. of Biotechnology.
- Paper entitled "Bioemulsifier production by *Streptomyces* sp. S22 isolated from garden soil" submitted to Indian Journal of Experimental Biology (Under revision)
- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of Arts, Science and Commerce, Pune
- Member of the organizing committee for the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune
- Poster presentation at the International Conference entitled "Biotechnology for Better Tomorrow – BTBT 2011" organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Poster presentation at State level conference on "Recent Trends in Life sciences" held at Pirangut
- One oral presentation and eight poster presentations in the State level conference on "Microbiology in the 21st century" at Modern College of Arts, Science and Commerce, Pune
- Guided three students for the Kishore Vaignyanik Protsahan Yojana (KVPY) fellowship

Miss Sheetal Pardeshi

- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of

Arts, Science and Commerce, Pune
- Member of the organizing committee for the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune
- Awarded the best Poster for poster at the International Conference entitled "Biotechnology for Better Tomorrow – BTBT 2011" organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Third prize for oral presentation at State level conference on "Recent Trends in Life sciences" held at Pirangut
- One oral and one poster presentation at the State level conference on "Microbiology in the 21st century" at Modern College of Arts, Science and Commerce, Pune

Miss Anushka Devale
- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of Arts, Science and Commerce, Pune
- Organizing secretary for the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune
- Poster presentation at the State level conference on "Microbiology in the 21st century" at Modern College of Arts, Science and Commerce, Pune

Miss Rupali Sawant
- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of Arts, Science and Commerce, Pune
- Member of the organizing committee for the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune

Miss Madhuri Amrutkar
- Member of the organizing committee for the International conference on Biodiversity organized by Modern College of Arts, Science and Commerce, Pune
- Member of the organizing committee the State level conference on "Microbiology in the 21st century" organized by Modern College of Arts, Science and Commerce, Pune
- Poster presentation at the State level conference on "Microbiology in the 21st century" at Modern College of Arts, Science and Commerce, Pune
- Worked for an educational CD designed for standard XII CBSE students.
- Guided and accompanied students for the State level Microbiological Quiz organized by R. C. Patel college of Arts, Science and Commerce, Shirpur.

Students Achievements:
- Best Student trophy was awarded to Mr. Rajan Thakur for excellence in academic and curricular activity.
- Mr. Rajan Thakur won award for securing highest total at S.Y. B.Sc. Microbiology.
- Mr. Rajan Thakur won Best Poster award in State Level conference organized by Department of Microbiology, Modern College Shivajinagar.
- Mr. Rajan Thakur was awarded for best academic excellence at S. Y. BSc level.
- Miss Deepali Mane was awarded for best academic excellence at M.Sc (Ist year) Level.
- Mr. Rajesh Chomal was awarded for best academic excellence at M.Sc Level.
- Mr. Rajan Thakur, Ms. Shruti Kandekar and Mr. Rahul Shelar Won First prize in State level Microbiological Quiz organized by R. C. Patel college of Arts, Science and Commerce, Shirpur.
- Mr. Pankaj Picha Awarded the best Poster for poster presentation at the International Conference entitled "Biotechnology for Better Tomorrow – BTBT 2011" organized by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
- Mr. Pankaj Picha Awarded the Third prize for oral presentation at State level conference on "Recent Trends in Life sciences-RTLS 2011" held by Pune Education Society, Arts, Commerce and Science College, Pirangut.
- Lalit Lande, Kanchan Jadhav, Sunny Gaikawad and Ravindra Baviskar attended State level conference on "Recent Trends in Life sciences-RTLS 2011" held by Pune Education Society, Arts, Commerce and Science College, Pirangut.
- Students of Graduation and Post graduation were worked as volunteers for International and State Level Conference organized by Modern college, Shivajinagar, Pune.
- Mr. Rajan Thakur and Kiran Nilangekar cleared the first round at NCBS and TIFR for Admission for masters programme. Mr. Saurabh Chodhari, Deepali Mane and Gauri Pawar were selected for second round for Ph. D. at National Institute of Immunology, New Delhi.

Department of Physics

1. **Name of the department:** Department of Physics
2. **Year of Establishment:**
   B.Sc. Physics 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
   B.Sc. Physics
   M.Sc. Physics
4. **Names of Interdisciplinary courses and the departments/units innvolved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):**

F.Y. B.Sc. : Annual Pattern
S.Y. and T.Y. B.Sc.: Semester Pattern
M.Sc.: Semester Pattern

6. **Participation of the department in the courses offered by other Departments:**
A course in Physics and Biophysics in the Department of Biotechnology of our College.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	3	3
Assistant Professors	8	6

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D Students guided for the last 4 years
Prof. A. V. Deshpande	M. Sc. D. H. E.	Head	Material Science	32	-
Prof. S. R. Wagh	M. Sc., M. Phil, ADCSSA	Associate Professor	Electronics	25	-
Prof. V. T.Shelke	M. Sc.	Associate Professor	Electronics	23	-
Prof.Nileshkumar Pardeshi	M. Sc. SET	Assistant Professor	Material science	1	-
Prof. Amishi Rindani	M.Sc. M.Phil. SET	Assistant Professor	Quantum Mechanics	8	-
Prof.S. S. Thengadi	M. Sc.	Associate Professor	Applied Electronics	23	-

11. **List of Senior Visiting Faculty:**
- Dr. Devayani Patil, Department of Physics, Pune University, Pune-7.

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**
B.Sc.: 28%
M.Sc.: Nil
13. **Student -Teacher Ratio (programme wise):**
B.Sc. Physics: 15:1
M.Sc. Physics: 12:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**
Two posts of Faculty Clerk, in the college office are sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	2	2
Class 4	13	11

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

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	5	2	2	-	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University:** Nil
19. **Publications:**

Name of the faculty	Papers			Books			Total publications	Total impact factor	Total citation	h-Index
	International	National	Presented in Conference	International	National/ Local	Book chapter				
Prof.Nileshkumar Pardeshi	01	-	-	-	-	-	01	3.5	1	1

- **Books with ISBN/ISSN numbers with details of publishers:**

20. **Areas of consultancy and income generated:**
Few staff memebers of the Department of Physics are on the panel of consultants on Siddhivinayak Technologies, Bhosari, Pune and Prowiz Systems, Pune. The consultancy is of non-remunerative nature.
21. **Faculty as members in**
    a) **National committees:** Nil
    b) **International Committees:** Nil
    c) **Editorial Boards:** Nil
22. **Student projects**
    a) **Percentage of students who have done in house projects including inter departmental/programme:** 73 %.
    b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research**

laboratories/Industry/ other agencies: 27 %.

23. Awards / Recognitions received by faculty and students:

Achievements of Non Teaching Staff:

Mr. S. S. Kamthe has been elected as

- Member, All India Federation of Non Teaching Staff of colleges and Universities.
- Chairman, Maharashtra State Federation of Non-Teaching staff of non-agricultural colleges.

Other Achievements:

Participation of students in other Institute:

- Mr. Jitin P. completed winter course in Karnataka University on Experimental/Theoretical Physics.

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

- Prof. C. V. Dharmadikari, Emeritus Professor from IISER, Pune
- Prof. S. D. Dhole, Department of Physics, Pune University.
- Dr. Priyadarshani Karve, Director, Appropriate Rural Technological Institute (ARTI), Phaltan, Pune.
- Dr. Uday Tade, Scientist from ISRO, Pune
- Shri M. L. Soman, Head, Training Division, TATA MOTORS, Pune
- Shri Mayuresh Prabhune, Science Editor, Times Group, Pune

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National: 01 (National Conference on Hazardous e-waste Management)
b. International: 01

26. Student profile programme/course wise:

B.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	297	197	108	89	58.82

27. Diversity of Students:

B.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:

Four students from our department have cleared Defence Service Examination

29. Student progression

Student progression	Against % enrolled
UG to PG	25 %
PG to M.Phil	Nil
PG to Ph.D	5%
Ph.D to Post-Doctoral	Nil
Employed	
➨ Campus selection ➨ Other than campus Recruitment	- 10%
Entrepreneurship/Self-employment	Nil

30. Details of Infrastructural facilities:

a) Library- Departmental library
b) Internet facilities for Staff & Students:
Yes, Speed: 10 MBPS and Wi-Fi, No. of Nodes: 14
c) Class rooms with ICT facility: Yes (02)
d) Laboratories: Number of Labs: 04 (Dark room-01, General lab-02, and computer lab-01)

31. Number of students receiving financial assistance from college, University, government or other agencies: The figures represent the total number of students of the Science Faculty and the Post Graduate students of the department.

Year	Total number of students
2010-11	47

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

Lectures:

- Prof. C. V. Dharmadikari, Emeritus Professor from IISER, Pune
- Prof. S. D. Dhole, Department of Physics, Pune University.
- Dr. Priyadarshani Karve, Director, Appropriate Rural Technological Institute (ARTI), Phaltan, Pune.
- Dr. Uday Tade, Scientist from ISRO, Pune
- Shri M. L. Soman, Head, Training Division, TATA MOTORS, Pune
- Shri Mayuresh Prabhune, Science Editor, Times Group, Pune
- Workshop: Star Gazing at Paud, Panshet

33. Teaching methods adopted to improve student learning:

- Poster Exhibition/Competition
- Power point presentation competition
- Project competition
- Demonstration method
- Use of ICT
- Seminar Activity
- Chalk and Talk

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil

35. SWOC analysis of the department and future plans:

Strength:

- Well equipped laboratories
- Several student centric co-curricular activites
- Very effective use of ICT

Weakness:

- Placement activity at departmental level needs to be strengthen

Opportunities:

- Enhancing the quality of education, through the collaborative activity with Pune University, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

Challenges:

- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plan:

- Establishing Post Graduate Research Centre in Physics
- To inculcate Research Culture among under graduate students through research proposals undertaken by teachers
- To start an add-on course on Instrumentation with reference to Automation of Control System (PLC).

Departmental Activity:

The department has completed all the academic work in time during the year 2010-11. This year also the working of the department was very smooth.

Student Strength:

F.Y. B.Sc. – 180
S.Y. B.Sc. – 108
T.Y. B.Sc. – 17

Activities For Students

1. **Study tours** – As a part of the curriculum, the department had arranged different study visits for F.Y., S.Y. and T. Y. B.Sc.classes.
   a) T.Y. B.Sc. students visited IT expo, an exhibition at Marroit Hotel, Pune. Prof S.R.Wagh, Prof.V.T.Shelke and Prof .S.S. Thengadi accompanied the students.
   b) F.Y B.Sc.and S.Y. B.Sc students visited Pune Expo, an exhibition of Agricultural and Industrial products. Prof S.R.Wagh, Prof.V.T.Shelke and Prof .S.S. Thengadi took the efforts in organization and smooth functioning of these study visits.

Solar eclipse 15/01/2010

Contribution by the teachers:

1. New experiments for the synthesis of nano particles of silver were developed in the laboratory by Prof. Nileshkumar Pardeshi.
2. New experiments like Four probe method, Hall effect, Susceptibility measurement etc. were introduced at T.Y.B.Sc. class. These experiments were set up in the laboratory by Prof. S.S. Thengadi, Prof. S.R. Wagh and Prof. V.T. Shelke.
3. Prof. A.V. Deshpande participated in the Virtual University program of EMMRC, University of Pune.
4. Prof. S.R. Wagh and Prof. S.S. Thengadi are participating in the Census work of India 2011.

Participation in workshops by the teachers:

1. Prof. V.T. Shelke & Prof. S.R. Wagh participated in one day workshop of T.Y.B.Sc (Physics) practical on G.M. Counter at N. Wadia College, Pune..
2. Prof. S.S. Thengadi and Prof. A.V. Deshpande, participated in 2 days workshop for computer interface experiments in T.Y.B.Sc (Physics)syllabus at Ahmednagar College, at Ahmednagar.

1.

Participation by Non Teaching Staff :

2. Shri R.S. Dalvi participated in a workshop for non-teaching staff arranged at Prof. Ramkrishna More College, Akurdi.

Shri. V.J. Ghanvat participated in the electoral roll updating work of Government of India.

Achievements of Non Teaching Staff :

1. Mr. S.S.Kamthe has been elected as Chairman, Maharashtra State Federation of Non-Teaching staff of non-agricultural colleges. He was felicited in the department at the

Felicitation of Shri Shashikant Kamthe by Principal(Retd) S.Y.Gambhir

hands of Principal (Retd) Prof. S.Y. Gambhir.

- A.V. Deshpande, Head, Department of Physics

Department of Political Science

1. **Name of the department:** Department of Political Science
2. **Year of Establishment:** 1970
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** B.A. Political Science
4. **Names of Interdisciplinary courses and the departments/units innvolved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):** B.A. Political Science: Annual Pattern
6. **Participation of the department in the courses offered by other Departments:**Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Asst. Professors	1	1

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D Students guided for the last 4 years
Prof. Khokle D. L.	M.A. M.Phil	Asst. Professor	Political Science	14	-

11. **List of Senior Visiting Faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** B.A. Political Science: 28%
13. **Student -Teacher Ratio (programme wise):** B.A. Political Science: 20:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** One post of Faculty Clerk, in the college office is sanctioned and filled.
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil /PG**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	-	1	-	-	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University:** Nil
19. **Publications:** Nil
20. **Areas of consultancy and income generated:** Nil
21. **Faculty as members in**
    a) National committees, b) International Committees, c) Editorial Boards
    Nil
22. **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
23. **Awards / Recognitions received by faculty and students:** Nil
24. **List of eminent academicians and scientists / visitors to the department:** Nil
25. **Seminars/ Conferences/Workshops organized & the source of funding:**

a) **National:** Nil b) **International:** Nil

26. **Student profile programme/course wise:**

Name of the Course/programme- B.A. Political Science	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	239	212	131	81	100.00

27. **Diversity of Students:**

B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:** 01
29. **Student progression**

Student progression	Against % enrolled
UG to PG	50%
PG to M.Phil	-
PG to Ph.D	-
Ph.D to Post-Doctoral	-
Employed	
➨ Campus selection ➨ Other than campus Recruitment	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities:

a) Library- College Library
b) Internet facilities for Staff & Students: Common Computing facility in the College Library
c) Class rooms with ICT facility: Yes
d) Laboratories:

31. Number of students receiving financial assistance from college, University, government or other agencies:

The figures represent the total number of students of the Arts Faculty.

Academic Year	Total number of students
2010-11	42

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts,: Nil

33. Teaching methods adopted to improve student learning:

- Traditional method
- Group Discussions
- Seminars by students on subjects related to current issues in state politics

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Students participation in social work through NSS and NCC

35. SWOC analysis of the department and future plans:

Strength:

- Student's enthusiasm for opting this subject for Civil Servies Examinations

Weakness:

- Subject offered at UG level only.
- Limited job opportunities for the subject.
- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Increased participation in the activities of Competitive Exams Guidance Centre can improve the success rate of students in the competitive examinations.

Challenges:

- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plan:

- The department will be offering a Postgraduate Course- M.A. Political Science.
- With the help of NSS students, the department will be reaching villages near by Pune city and make the villagers aware of the importance of different schemes of the state and central governments.
- The department will be arranging regular visits of the students to various Social Sciences institutes in and around Pune city.

Departmental Activity:

The Department of Political Science saw a new addition with Shri. Vishnu Shrimangale Joining as C.H.B lecturer for the Grantable section.

The Department was a part of the State level Seminar on Research Methods in Social Sciences conducted on 7th and 8th January 2011. Dr. Nitin Birmal of Dr. Babasaheb Ambedkar College, Pune ; resource person for the seminar addressed the audience regarding research methodology in Political Science. Prof. Khokle, Ms. Neha Agashe, Shri. Vishnu Shrimangale took part in the seminar.

Ms. Neha Agashe got selected for three days teachers training workshop organised by the Department of Political Science, R.T.M Nagpur University and the International Committee for the Red Cross (New Delhi) held from 25th -27th November 2010 on 'International Humanitarian Laws'.

Ms. Neha Agashe accompanied students of F.Y.B.A – Gopal Hazare, Shrinivas Naiknavare and Indrajit Kendre for a one day District level workshop on 'participatory Democracy' held at H.V. Desai College, Pune on the 19th January 2011.

Ms. Neha Agashe is now a resource person for a certificate course on 'Understanding Contemporary World Politics' in S.P. College and has delivered several lectures on issues in World Politics.

Following the inter-disciplinary trend, the Department of Political Science with the Department of English arranged lectures on 'Conflict in Nigeria' in order to encourage student's deeper understanding of the subject. The department will also now be collaborating with the Department of Commerce to organize lecture on 'the Indian Constitution and its purpose'.

Department of Psychology

1. **Name of the department:** Department of Psychology
2. **Year of Establishment:** 1971
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**
   B.A. Psychology
   M.A. Psychology (Clinical Psychology, Counselling Psychology)
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):**
   B.A: Annual Pattern
   M.A.: Semester Pattern
6. **Participation of the department in the courses offered by other Departments:**
   Faculty is involved in teaching courses like Personality Development and Bargaining Skills for P.G. students of the Department of Economics, Geography, Marathi, and English.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
   Nil. However, the department conducts skill development training workshops on Graphology, Flower Remedy, HIV AIDS counselling, Diagnostic Testing and Research Methodology by inviting experts from hospitals and other institutions.
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	1	1
Assistant Professors	4	4

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D Students guided for the last 4 years
Dr. Amruta Oke	M.A., M. Phil, Ph.D	Associate Professor	Clinical Psychology	28	-
Prof. Smt. Vijaya Jagtap	M.A., M.Ed.	Assistant Professor	Clinical Psychology	11	-
Prof. Smt. Smita Vaidya	M.A., SET	Assistant Professor	Clinical Psychology	9	-
Prof. Mrs. Shradha Sakatkar	M.A., SET, B.Ed.	Assistant Professor	Counseling Psychology	03	-

11. **List of Senior Visiting Faculty:**

- Dr. Ujjwal Nene, Clinical Psychologist, KEM Hospital, Pune.
- Dr. Vaishali Mardhekar, Academic Counsellor, IGNOU,

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**
    UG: Nil ; **PG:** 4%
13. **Student -Teacher Ratio (programme wise):**
    UG: 20:1; PG: 16:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**
    One post of Faculty Clerk, in the college office is sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	2	2

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

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	5	-	2	-	-

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** 02
17. **Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:**
18. **Research Centre /facility recognized by the University:**
    Dr. Amruta Oke is a recognized guide for M. Phil. course of Pune University.
    The staff members are actively involved in the research activities. The department intends to apply for the Research

Centre in the near future.

19. Publications:

Name of the faculty	Papers			Total publications
	International	National	Presented in Conference	
Dr. Amruta Oke	-	-	2	2
Prof. Smt. Vijaya Jagtap	-	-	1	1
Prof. Smt. Smita Vaidya	-	-	3	2
Prof. Mrs. Shradha Sakatkar	-	-	2	3

Books with ISBN/ISSN numbers with details of publishers:

- Dr. Amruta Oke has written two books with ISBN number.
- *Manasshastra*, co-author 2010 Dorling Kindersley (India) Pvt. Ltd. ISBN

20. Areas of consultancy and income generated:

Non-remunerative consultancy on Psychological Counselling, Aptitude Testing and Career Guidance till March 2016, after which, the consultancy is given on remunerative basis.

21. Faculty as members in

a) National committees: Nil

b) International Committees: Nil

c) Editorial Boards:

Dr. Amruta Oke

- Joint Secretary of Indian Association of Human Behavior, which is a multidisciplinary national organization.

22. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme: 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

However, the faculty guides 100% students for data collection from organizations like NGOs, hospitals, schools, BPOs and rehab centers.

23. Awards / Recognitions received by faculty and students: Nil

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

- Dr. C. G. Deshpande — Department of Applied Psychology, Mumbai University
- Dr. Medha Kumthekar — Department of Psychology, S.N.D. T. University, Pune
- Dr. Jitendra Mohan — Panjab University
- Dr. C. R. Mukundan — Institute of Behavioural Science, Gujarat Forensic Sciences University.
- Dr. Radha Sharma — Management Development Institute, Gurgaon.
- Dr. Anagha Lavlekar — JPIP, Pune
- Dr. Shobhana Abhyankar — Fergusson College, Pune
- Dr. Kelkar Sandeep — Equipkids, Thane
- Dr. Alka Wadkar — Department of Psychology, Pune University, Pune

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National: Nil
b. International: Nil
c. State: A preconference workshop on 'Bringing Emotional Intelligence in Classroom' funded by BCUD.

26. Student profile programme/course wise:

B.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	239	134	68	66	90.62

M.A.

Name of the Course/programme	Application received	Selected	Enrolled		Pass %
			M	F	
2010- 2011	72	52	5	47	88.88

27. Diversity of Students:

B.A.

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2010-11	100	Nil	Nil

M.A.

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2010-11	86.21	6.90	6.90

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:

Two students from our department have cleared NET Examination

29. Student progression

Student progression	Against % enrolled
UG to PG	25-30
PG to M.Phil	-
PG to Ph.D	4-5%
Ph.D to Post-Doctoral	-
Employed	
➨ Campus selection ➨ Other than campus Recruitment	20-25% 60-70%
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities:

a) Library- Yes, Central Library

- In-house Remote Access to e-resources: facility available under teacher's supervision
- Assistance in searching Database: provided by respective research guides/ subject teachers

b) Internet facilities for Staff & Students:

- Internet available: 10 mbps leased line
- LAN Facility: available
- Number of computers with internet facility: 6

- The department staff has access a total of 4 desktop computers and 2 laptops, all having internet connection via LAN and Wi-Fi. Two desktops and one laptop are available for use by post-graduate students under the supervision of staff members for statistical analyses, and accessing online resources.

c) Class rooms with ICT facility: Yes

- Lectures are frequently conducted using power-point presentations in the laptop and projector-enabled classrooms. As the classroom is Wifi-enabled, the teachers can introduce the students to online resources like educational documentaries, e-books, etc.
- The department has educational CDs that are useful in better understanding of subject and in making the teaching-learning experience more effective
- The department has 7 movie CDs related to psychological aspects that are, on some occasions used for screening to educate the students about psychological phenomena in a more interesting audio-visual manner. Such screenings are followed by discussion with students by subject teachers/ experts in the field, or assignments based upon the screened movie.

d) Laboratories: Eight cubicles for conducting practical

31. Number of students receiving financial assistance from college, University, government or other agencies:

The figures represent the total number of students of Arts Faculty and the Post Graduate students of the department.

Year	Total number of students
2010-11	47

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

- **Quiz Competitions**
- **Seminars**
- **Guest lectures**
  - Suicide - Dr. C.G.Deshpande, Dr. Ulhas Luktuke, Dr. Medha Kumthekar
  - Psychological Research - Dr. Vaishali Mardhekar
  - NEO-PI - Dr.Savita Deo
  - Psychology testing application - DR. Sucharita Gadre
  - Neurocognitive Science - Dr. Awasthi
- **Workshops**
  - Pre marital counseling workshop – Mrs. Haldankar
  - HIV –AIDS Workshop – Dr. Ujjwal Nene
  - Dignostic Psychological Assesment - Dr. Ujjwal Nene
  - Dance Therapy - Mr. Tonmoy Haldar

- Rorschach Administration - Dr. Ujjwal Nene
- Geriatric Counseling - Mrs. Vanita Jadhav
- School Counseling - Mr. Pawan Gaikwad
- Soft Skills - Smita Dongare & Anuja Kolhatkar
- Career Counseling - Dr. Shreeram Geet
- Yoga Therapy - Mr. Shankar Khedkar
- Drug Addiction & Rehabilitation - Mr. Indrajeet Deshmukh

- **Visits**
  - Prasana Autism centre
  - Christian Counseling Centre, Vellore
  - Sumpark Balgram
  - Muktangan
  - Schizophrenia Awareness Association (SAA)
  - Ratnagiri, Mental Hospital
  - Kavalyadham & Manshakt
  - Delhi, Hypnotherapy-National seminar -JNU
  - Kripa Foundation, Pune Drug De-addiction Centre IPH, Thane
  - Schizophrenia Awareness Association (SAA)
  - Bal Kalyan Sanstha, Pune
  - Little Kingdom Montessori School, Pune.
- **Other Activities and Programs**
  - Earnst and Young Foundation Career Awareness program in Corporation schools
  - Organized a "Psychology Book Exhibition" by Forward books Counselling camp
  - Pragatee Foundation Group Testing & Career Awareness programEarnst and Young Foundation Career Awareness program in Corporation schools

33. Teaching methods adopted to improve student learning:

- Role plays
- ICT
- Activity-based assessment
- Hands-on experience
- Collaborative learning
- Learning through play

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Sr. No.	Institutional Social Responsibility (ISR) Activities
I.	Counseling Service: *(Free counseling service provided throughout the year to stake holders, special cases identified during counselling camp, and cases requiring further sessions)*
II.	Counselling Camp: *(Free counselling service provided every year since 2008)*
III.	Aptitude Testing & Career Counseling: *(Free computer-based aptitude testing followed by career counselling by experts provided throughout the year since 2011)*

Sr. No.	Extension activities
I.	Guest lecture on Suicide- C.G.Deshpande, Vilas Luktuke, Kumthekar Ma'am (27/01/10)
II.	Visit to Prasanna Autism centre (27/07/11)
III.	Visit to Schizophrenia Awareness Association (SAA) (20/07/11)
IV.	HIV –AIDS Awareness Workshops (Each year)
V.	Guest Lecture by Paramheet members (12/08/12)
VI.	Study visit to Muktangan (17/02/12)

35. SWOC analysis of the department and future plans:

Strength:

- Many co-curricular activities with emphasis on practical skills and applications of theoretical concepts not covered in the syllabus
- Staff is encouraged and sponsored to participate in seminars and workshops

Weakness:

- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Active participation in revision of syllabi of Pune University.
- Provide psychological counselling to nearby communities

Challenges:

- Mentoring students with average performace and students from diverse backgrounds
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plans:

- To publish an annual Research Journal
- Establishment of Consultancy-cum-Training Centre-'Centre for Excellence'
- To strive for seeking recognition for Post Graduate Research Centre from Pune University, Pune.
- To start a Diploma Course in 'Industrial Psychology'

Departmental Activity:

During the Academic year 2010-2011, total strength of students, admitted at Undergraduate and Post-Graduate level in Psychology Department are 143, including 6 international students.

Along with full-time teachers Dr. Ujjwal Nene, Dr. Vaishali Mardhekar and Smt. Himani Swami are the visiting faculty of the department.

This year, University of Pune sanctioned one Additional Division of M.A. Psychology (Part 1). The second division commenced in the month of August.

Seminar's attended:

Staff members and students of Psychology Department attended following seminars:-

1) National level seminar on "Psychometric Soundness and Industrial Applications of five Personality factors" organized by K.M.C College, Khopoli on 17th and 18th August 2010.
2) State level seminar on ' Saalaoya va mahaivalayaIna samaupdoSana garja samasyaa va]paya ' organized by Personality Development centre on 10th and 11th October 2010.
3) UGC sponsored National seminar on "Health and well-being: Contemporary Issues and Perspectives" organized by Fergusson College on 17th, 18th and 19th January 2011.
4) National level seminar on "Industrial- organizational psychology An Answer to HR Challenges" organised by Wadia College on 24thand 25thJanuary 2011.
5) State Level seminar on "Mental Health" organized by Dr. D. Y. Patil College Pune-18 on 4th and 5th February.
6) Training programme in "Career Management" conducted by Academy of Personality Development Pune on 29th and 30th December 2010.
7) State level seminar on "Research Methods in Social Sciences: Techniques and trends" held at Modern College, Shivajinagar, Pune-5 on 7th and 8th January 2011.
8) One Day workshop on "Psychiatry" for MSW/M.A. students by Maharashtra Institute of Mental Health (MIMH) at Sasoon Hospital, on 12th February 2011 .

Paper Presentation:

This year our students and teachers not only attended the seminars but also presented papers at National level seminars.

Smt. Smita Vaidya presented papers in National level seminars at Khopoli and Fergusson College.

Mrs. Shraddha Sakatkar presented papers at National level seminar held at Fergusson College.

Shradha Sakatkar wrote an article on "ga`aimaNa BaagaatIla s~I ijavana", which was published in Smita Smruti, Nagpur an annual magazine.

Full paper by Mrs. Shweta Kakade was published in the proceedings of Health and well-being: Contemporary Issues and Perspectives.

Invitation as a resource person:

Mrs. Amruta Oke was invited for chairing a session at National seminar held at Khopoli. She was also invited as a resource person to conduct a workshop for Female Police officers on 'Effective Parenting' which was held at Police Commissioner's office Pune.

Smt. Shraddha Sakatkar was invited to deliver special lectures on 'Different Therapies used in Marital Counselling" course organized by Nanawati Institute of Management Pune on 8th and 11th February 2011.

Smt. Smita Vaidya was invited as a visiting Faculty at Modern College of Physiotherapy.

Past Students contribution:

Our past student Miss. Tanvi Galwankar donated Rs. 11,000/- for purchasing books and tests.

Miss Deepa Thakur presented set of 20 books which is useful for M.A. students.

Activities organized by the Department:

1. **Workshops:** on HIV- Counselling, Projective techniques, Autism, Play Therapy and Study Skills were organized for M.A. students. Dr. Ujjwal Nene, Mrs. Shraddha Sakatkar and Pooja Prabhavalkar were the resource persons.
2. **Study Visit**: To develop research orientation amongst the students, visit of T.Y.B.A. students was arranged at Jnana Prabodhini's Institute of Psychology. This institute is well-known for its research and application of Psychology.
3. **Film Show**: A film show was organized for students. The movie 'maaJaI gaaoYT', based on schizophrenia, was screened. After screening the film, question answer session was held in which experts from Schizophrenia Awareness Association answered the queries of the students.
4. **Counselling Camp**: Our department is offering specialization in M.A. Counselling Psychology. M.A. Part II students learn many counselling skills and techniques during this course. In order to make the use of their knowledge and skills for the benefit of society, 2 days counselling camp was organized on 17th and 18th February 2011. This camp was open for all. All types of psychological problems were tackled during this camp.

Faculty Development Programme:

Mrs. Shradha Sakatkar, P.G. faculty member underwent an orientation and training Programme for administration and interpretation of Emotional Intelligence and Martial Satisfaction tests.

Mr. Amol Bawale faculty member was sent for training in Aptitude testing and Career Counselling.

Visits to our Department:

Dr. Varsha deshpande Cilnical Psychologist from U.K. visited our department to disscuss the current status of psychology syllabus.

Eminent psychologist in the feild of Learning Disability also visited our department.

T.Y.B.A. students and faculty member, Mrs. Anuradha Patil from Desai College, Pune visited psychology laboratory to gain information about psychological tests and instruments.

Students Achievements:

Academics: Result analysis of M.A. Psychology Part II shows that from last two years, our result is 100%. Our staff members take special efforts to achieve this success.

Our T.Y.B.A. result is also 91%. 8 students obtained distinction and 10 students obtained first class.

The Top scorers of the academic year 2009-2010 are Mr. Amol Bawale, who stood 1st in M.A. (Clinical Psychology) Examination and Boruach Binny stood first at T.Y.B.A. (Psychology special) examination.

Co-Curricular Activities: The M.A. Part II Students presented papers at National level seminar, and one student at State level seminar.

Miss. Smita Dongre, Miss. Sneha Wable, Miss Sapna Agale, Miss Gayatri Vartak, Miss Sonali Vohra, Miss Pritha Das, Mrs. Vaishali Surve presented papers at National Level seminar held at Fergusson College.

Full papers by Miss Smita Dongre and Miss. Sneha Wable were published in the proceedings of the seminar.

Mr. Anand Gore presented paper at State Level seminar, held at D.Y.Patil College.

Participation in sports: Miss. Gayatri Vartak represented the Indian Team for Uber Cup. She was a part of the Indian Team for Asian Badminton Championship. She ranked in top 3 in the Indian Women Singles.

Mr. Amol Bawale represented the college in Kabbadi at Intercollegiate level (Pune City Zone) organised by Chandrashekhar Agashe college. The college secured third place.

NSS – Sandeep Kale of T.Y. BA has been awarded a title BEST VOLENTEER of NSS 2010-2011.

Placement:

All the students who passed during this academic year are placed in schools NGO's or in colleges, as a counsellors or teachers.

- Mrs. Amruta S. Oke, Head, Department of Psychology

Department of Statistics

1. **Name of the department:** Department of Statistics
2. **Year of Establishment:**

   B.Sc. Statistics 1979
   B.Com.Statistics (Special) 1970
   M.Com.Statistics (Special) 1979
   M.Sc. Statistics 2009
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.Sc. Statistics
   B.Com. Statistics (Special)
   M.Com. Statistics (Special) M.Sc. Statistics
4. **Names of Interdisciplinary courses and the departments/units innvolved:**

   Computer Science: A theory paper on Data Mining at M.Sc. Statistics.
   Department of Mathematics: A theory paper on Mathematical Analysis at M.Sc. Statistics.
5. **Annual/ semester/choice based credit system (programme wise):**

   B.Sc. Statistics: Semester pattern
   B.Com. Statistics: Annual Pattern
   M.Com. Statistics: Semester Pattern
   M.Sc. Statistics: Semester Pattern
6. **Participation of the department in the courses offered by other Departments:**

   Faculty is involved in teaching courses on Biostatistics in the Departments of Botany, Biotechnology, Microbiology and Zoology.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**

- The Department has organized a course entitled 'A certificate course in SAS software' in collaboration with CYTEL Software Company Ltd., Pune.
- The Department has organized a course entitled 'A certificate course in SAS software' in collaboration with Data Science Company Ltd., Pune.

8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	3	3
Assistant Professors	8	8

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph. D Students guided for the last 4 years
Prof. P. G. Dixit	M.Sc. M.Phil	Associate Professor and Head	Statistical Process Control and Stochastic Process	31	-
Prof. P.S. Kapre	M.Sc. M.Phil	Associate Professor	Actuarial Statistics	31	-

Dr. M.M. Sane	M.Sc. M.Phil Ph.D.NET	Associate Professor	Statistical Inference	15	-
Prof. R.M. Umrani	M.Sc. SET M.Phil.	Assistant Professor	Sampling Methods	12	-
Prof. A.T.Kamble	M.Sc. M.Phil, SET	Assistant Professor	Directional Data Analysis, Survival Analysis	04	-
Prof. T.N. Choudhary	M.Sc. M.Phil	Assistant Professor	Clinical Trials	6	-
Prof. A. S. Chinchanikar	M.Sc.	Assistant Professor	Probability Distributions	1	-

11. List of Senior Visiting Faculty:

- Dr. G. B. Marathe (University, Pune)
- Dr. M.S. Prasad (Bharati Vidyapeeth, Pune)
- Dr. S.S. Deo (University, Pune)
- Prof. A. R. Darekar (Abasaheb Garware College, Pune)
- Prof. M.S. Kasture(New Arts, Commerce Science college, Ahmednagar)
- Mr. Kotkar M.S. (CYTEL Software Pvt. Ltd. Pune)
- Dr. Sachin Adnaik (S.P. College, Pune)
- Dr. S. G. Purohit (University, Pune)
- Dr. S. R. Deshmukh (University, Pune)

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

13. Student -Teacher Ratio (programme wise):

B.Sc.: 15:1
M.Sc.: 12:1

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

Two posts of Faculty Clerk, in the college office are sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	3	3

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D./ M.Phil. /PG

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	5	4	2	-	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

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

Prof. P.S.Kapare: Co-Director of a Major Research Project entitled 'Emotional Intelligence Among Adolescents: Tool Development Enhancement Through Training and Study of Corellates' funded by ICSSR. Grants approved Rs. 17,00,000/-

18. Research Centre /facility recognized by the University:

The staff members are actively involved in the research activities. The department intends to apply for the Research Centre in the near future.

19. Publications:

Name of the faculty	Papers			Books			Total publications
	International	National	Presented in Conference	International	National/ Local	Book chapter	
Prof. P. G. Dixit	-	1	11	-	37	-	49
Prof. P.S. Kapre	-	-	-	-	9	-	9
Prof. A.T.Kamble	5	-	-	-	-	0	5

20. Areas of consultancy and income generated:

Statistical analysis consultancy activity is of non-remunerative and is offered to research students of various faculties. It is not done as a professional service.

21. Faculty as members in

a) National committees:

b) International Committees:

c) Editorial Boards:

22. Student projects

a) Percentage of students who have done in house projects including inter departmental/programme: 90% for T.Y. B.Sc. and M.Sc.

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Industry 10% with NSSO, NIBM and Gokhale Institute

23. Awards / Recognitions received by faculty and students:

Teachers:

- **Prof. P. S. Kapre:** Working as Nodal Officer, AISHE, Delhi.

Students:

- Dr. Rajendra Gurav, a past student of the department was awarded Ph.D. in Statistics from Pune University, Pune-7.
- Ms. Kirti Gaikwad, a past student is appointed in the Central Government in Indian Statistical Services (ISS) as Statistical Officer.
- Mr. Pande Dilip promoted to the post of colonel in Indian Army currently posted in Pune.
- Santosh Payas promoted to Deputy Director in the office of Census. He received appreciation award in the form of medal by President of India for Best Population Census Work.

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

Date	Name of the guest
29/06/2011	Dr.Anant Patki, Retd. Scientist, ISRO, Bangalore.

25. Seminars/ Conferences/Workshops organized & the source of funding:

a. National: 3 Workshops
b. International: 1 Pre-conference
c. State: 1 Workshop
d. District: 2 Workshops (At University Level)

Sr. No.	Year	Name	Source of Funding
1	2009-10	Five days Refresher training on Biostatistics for ISS officers.	Ministry of Statistics and Programme Implemenation, Delhi.
2	2010-11	National Workshop on Medical Statistics and Clinical Trials (Dr. PV. Sukhatme Birth centenary memorial)	Pune University

26. Student profile programme/course wise:

B.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	297	81	55	26	84.21

M.Sc.

Name of the Course/programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	145	26	8	18	63.15

27. Diversity of Students:

B.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

M.Sc.

Year	% of students from the samest state	% of students from other States	% of students from abroad
2010-2011	98.21	1.79	0.00

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:

Name of examination	No. of students
SET	02
Civil Services	01

29. Student progression

Student progression	Against % enrolled
UG to PG	50-55%
PG to M.Phil	-
PG to Ph.D	-
Ph.D. to Post-Doctoral	-
Employed	
➨ Campus selection ➨ Other than campus Recruitment	22-25% 20%
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities:

a) Library: Departmental Library and the Central Library of the college
b) Internet facilities for Staff & Students: Yes, 10 mbps leased line for internet
c) Class rooms with ICT facility: 03
d) Laboratory: Yes

31. Number of students receiving financial assistance from college, University, government or other agencies:

The figures reperesnt the total numbe of students of the Science Faculty and the Post Graduate students of the department.

Year	Total number of students
2010-11	52

32. Details on student enrichment programmes (special lectures/ workshops/seminar) with external experts

- Guest lectures by eminent resource person in statistical field are organized by the department for students.
- Statistics Fest : Department organizes every year a Statistical Fest for S.Y., T.Y. B.Sc., M.Sc.(I and II) Students. Case studies, Quize, Statistical Crossword, puzzle solving and Guest Lectures are the events of this fest.
- Quiz Competition for F.Y. B.Sc., F.Y. B.Sc. (Computer Science) and S. Y. B.Sc. is organized every year.
- Final round of Intercollegiate Quize Competiton was arranged for two years.

33. Teaching methods adopted to improve student learning:

- Assignments
- Problem Corner
- Seminars
- Power Point Presentations
- Projects

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Prof. P.G. Dixit is Secretary of Advisary Board for NGO Students Welfare Association, Pune. He is also a member of Excecutive Counsil of Schizophrenia Awareness Association, Pune.

35. SWOC analysis of the department and future plans:

Strength:

- Laptops are provided to all the student for the practical sessions
- Availibility of statistical softwares like SPSS, R, Minitab and Matlab
- Varied and enriched co-curricular activities

Weakness:

- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Increasing demand of statisticians in various fields including IT sector
- The department has potential to give remunerative consultancy
- Enhancing the quality of education, through the collaborative activity with Pune University, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

Challenges:

- It is difficult to obtain real data from industries for the projects by students
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plan:

- Enhancing the placement activity
- Prepare study material for newly introduced theory papers in the syllabi
- To use statistical softwares for conducting all the practicals of UG classes

Departmental Activity:

Department of Statistics completed successfully all academics activities during 2010-11. The first batch of M.Sc. Statistics is passing out. It is proud to Modern College that 10 students from M.Sc. got placement at TATA Consultancy Services(TCS), Pune before they get degree.

1. **Academic Activities :** Kirti Gaikwad was topper among all T.Y. B.Sc. subjects at college in the examination held in 2009-10.

Department of Statistics, Modern College of Arts, Science and Com. Pune -05. and Pune University Statistics Association (PUSA) jointly organized following activities:

A) **Quiz:** FY B.Sc. and FY B.Sc.(Computer Science), S.Y. B.Sc. quiz Round I was organized on 28/01/2011. Prof. P.S. Kapre was co-ordinator of the first round of S.Y.B.Sc. quiz..Second round conducted by T.C. College, Baramati on 27/02/2011. Prof. P.G. Dixit has worked as judge for this round

Result of the quiz as follows :

Class	Name of the Students	Rank

F.Y. B.Sc.	1. Temgire Sujata 2. Kardile Rahul	I st II nd
F.Y.B.Sc.(Comp. Science)	1.Ms. Madhura Joshi 2. Ms.MAdhura Bapat	I st II nd
S.Y. B.Sc.	1.Dhekane Sumit 2.Ubhe Ravindra 3. Shinde Amruta	I st II nd II nd

II nd Result of the quiz as follows:

B) Project Competition: It is an important part of T.Y. B.Sc. curriculum which develops independent thinking and it gives hand on experience. A project competition of T.Y. B.Sc. students was organized by PUSA at S.P. College, Pune on 1st March 2011. Our students participated in it.

Sr. No.	Title of the Project	Names of the Students
1	Analysis of Height and weight of human population.	1.Samadhan Ghubade 2.Vishwas Jadhav 3.Tanvi Kadam
2	Usage of internet among college students	1.Kiran Agarwal 2.Yogesh Babar 3.Manju Choudhary 4.Anurag Pote
3	State wise production of crop	1.Akshay Bavare 2.Varun Panchbhai 3.Vijay Thaware

C) Poster Competition

A poster competition was organized at the time of National Conference on Medical Statistics and Clinical Trials during 18-20th December 2011. Our T.Y. B.Sc. students Mr. Samadhan Ghubade, Mr. Vishwas Jadhav and Mr. Sagar Garudkar got second prize. It was pictorial representation of analysis of school dropouts of village Bhose, Tal. Khed, Dist. Pune. It was appreciated by Dr. Anil Gore very well.

2. Workshop, Seminars and Guest Lectures Organized :

A. Refresher Course Organized : It was prestigious event in the history of Modern College. A five days " Refresher Training Program on Biostatistics" for senior Indian Statistical Service officers of higher cadre was successfully organized during 20-24 September 2010 by the Department. It was in collaboration with National Academy for Statistical Administration (NASA), Delhi, Dr. A.P. Gore, former Head of Statistics Department, University of Pune was main resource person and Academic advisor. Mr. Ajay Sathe(CEO, CYTEL Software Co.) Smt. S.A. Paranjape, Dr. S.G. Purohit, Dr.S.R. Deshmukh, Dr. M.B. Kulkarni, Dr. Mahajan, Dr. Mathilee Jog, Dr. Ankur Patwardhan, Dr. Gandhe K.R., Dr. Anand Padhye and Dr. R. Mungikar were eminet persons. Prof. V.R. Pawagi , Prof. M.B. Kulkarni and Prof. S.A. Ranade conducted laboratory session on free domain statistical software R.

Field trip was organized to study biodiversity of butterflies , birds and plants western hot spot Tamhini Ghat, Mulashi, Pune. Study material was prepared by Dr. Anil Gore, Prof. M.B. Kulkarni, Dr. S.A. Paranjape

B. National Conference on Medical Statistics and Clinical Trials: It was organized during 18th -20th December 2010. The conference organized by Department of Statistics under the Quality Improvement Program, University of Pune. The workshop was dedicated to Dr. P.V. Sukhatme due to his birth centenary year. It was a grand gathering of 157 participants from all over India attended the workshop. Participants were from diverse fields of education : Science, Medical, Pharmacy, Agriculture etc. Dr. Anil Gore (Member of National Statistical Commission, Delhi), Mr. Ajay Sathe (CEO CYTEL Statistical Software Company , Pune)Mr. Kunjir U.D. (Chief Statistician of Maharashtra) were the Chief Guests at the time of inauguration and valedictory function. In all 16 eminent persons delivered 18 lectures with case studies and relevant material on clinical trials, epidemiology, genetical statistics etc. The valuable course material was due to the enormous efforts taken by Dr. Anil Gore, Dr.S.A. Paranjape and Prof. M.B. Kulkarni. Dr. Vijay Kulkarni collected research work by Dr.P. V. Sukhatme and gifted to college in the form of 2 bound volume. There were 9 research papers submitted by participants which were judged by Dr. M.P. Gadre and Dr. Mohan Kale from University of Pune.

There was poster competition for the students from various colleges . In all 21 students send their poster on various topics. The workshop was a grand success due to efforts by staff in the department.

3. Guest Lectures organized :

Sr. No.	Date	Name of the Guest	Topic
1.	16/04/2010	Mr. P.H. Khopakar, Dy. Director General, NSSO, Pune and Mr. Maitee K.D. Dy. Director General (Training) National Academy for Statistical Administration (NASA), New Delhi.	Addressed our M.Sc. Statistics for opportunities in Government sector. Addressed our M.Sc. Statistics for opportunities in Government sector. They also guided the students how to prepare for such examinations.
2.	27/07/2010	Dr. R. N. Rattihalli Former Head of Statistics Department, Shivaj University, Kolhapur	Statistical Inference
3.	30/07/2010	Past Students Mr. Iyer and Mr. Shaligram	Talked about the career in IT.
4.	14/08/2010	ISS Officers Ms. Ambika Anand, Mr. Lakhairajsingh Jadeja, Mr. Sri Sumit, Mr. Kamal	How prepare for ISS examination

		Pandey (National Academic of Statistical Adminastration (NASA), New Delhi.	
5.	19/10/2010	Dr. D.T. Shirke Head of Statistics Department, Shivaji University, Kolhapur	Applications of Simulation
6.	20/10/2010	Dr. Mahajan Former Head of Statistics Department,Mahatma Phule Krishi Vidyapeeth, Rahuri	Genetical Statistics On the occasion of World Statistics Day
7.	02/02/2011	Dr. Mulgund Shriram, Actuary, Toronto, Canada	Application Statistics in Actuarial Science

4. Personal Achievements workshop attended etc. :

Students Participation: Our M.Sc. Part II students MS. Sulkasha Gawas and Wageshwari Suchita attended the program by National Academy for Statistical Administration (NASA), New Delhi, during 24th -29th May 2010 on official statistics. It gave exposure, how statistics is collected and interpreted by Government offices.

A. Prof. P.G. Dixit:

1. Worked as a member of text book writing committee for Xth std. Mathematics at Maharashtra State SSC board Pune.
2. Worked on syllabi revision committee for M.Sc. Statistics at Shivaji University, Kolhapur.
3. Attended state level workshop on Statistical Process Control, as Chief Guest at Mahaveer P. Mirjee College, Belgum, Karnataka held on 17th April 2010.
4. Delivered lecture at NSSO office, Akurdi, Pune on the occasion of Statistics Day on 29th June 2010.
5. Joined Training program for University Teachers during 4th -9th July 2010 at National Academy for Statistical Administration(NASA), New Delhi. On official statistics.
6. Worked as resource person in the workshop at KTHM college, Nasik during 17th -18th July 2010.on revised syllabi of T .Y. B.Sc.
7. Worked as resource person at the workshop at Modern College, Pune -05 on 11th October 2010. For T Y B.Com. revised syllabi.
8. Worked as resource person at workshop for T.Y. B.Sc. revised practical syllabi at S.P. College on 2nd and 3rd December 2010.
9. Delivered lecture for candidates appearing for SET examination at Department of Commerce, University of Pune on 8th ,9th December 2010
10. Delivered lecture at MIT College of Computer Science, Alandi on application of statistics on 5th Jan.2011.
11. Attended the workshop at Z. B. Patil College Dhule on 12th February 2011as Chief guest
12. Worked as judge for S.Y.B.Sc. Quiz at T.C. College Baramati on 27th February 2011.
13. Participated in the workshop on Clinical Trials at Ruparel College on 4th March 2011.
14. Delivered lectures on Research Methodology at IBMR, Pimpri, Pune.

B. Dr. A.A. Dharmadhikari

1. Elected as a member of Board of Studies in Mathematics and Statistics for faculty of Commerce, University of Pune for the period 2010-2015
2. Worked as a member of text book preparation committee for the following text books
   a) Mathematics and Statistics for Arts, Science St.XII
   b) Mathematics and Statistics for Commerce for std. XI and XII.
3. Supervised a project (PICC)
4. Worked as the external referee for M.Phil. thesis of a student from Shivaji University, Kolhapur.

C. Prof. P.S. Kapre

1. Worked as a organizer of SY B.Sc. first round of Quiz.
2. Worked as officer for Census of India 2011.

D. Dr. M.M. Sane

1. Attended the workshop on implementation of Revised syllabus for statistics practical in TYBA / TY B.Sc. on 2nd and 3rd December 2010 at S.P. College, Pune
2. Worked as resource person for the seminar on " Research Methodology and Biostatistics" at Dinanath Mangeshkar Hospital, Pune on 23-24th October 2010.
3. Co-opted as a member of Board of Studies of Statistics in Science faculty University of Pune for the period 2010-2015.
4. Attended refresher course during 5th March to 25th March 2011.
5. Worked as member of practical examination slips preparation committee.

E. Prof. A.T. Kamble

1. Completed orientation Program organized by Academic staff college, University of Pune, during 10th – 07th December 2010.
2. Worked as member of practical examination slips preparation committee.

F. Prachi Kulkarni

Attended lecture Series on Actuarial Sciences conducted at S.P. College, Pune -30 held on 6th – 7th October 2010.

G. Mrs. Mangala Salunke (Laboratory Attendant) achieved "Sarswati Samjseva Gauravpatra" from Bhagini Nivedita Pratishthan, Pune on 21st February 2011.

5. Prizes :

A. Late Sou Indirabai Chirputkar Prize

1. Ms. Swati Patil(S.Y. B.Sc.)
2. (S.Y. B.Com.)

B. Late Nirmala Eknath Potnis Prize

1. MS. Kirti Gaikwad (T. Y. B.Sc.)
2. Kothawala Rupali (T.Y. B.Com.)

C. V.R. Dhongade Prize
Ms. Musale Swati (F.Y. B.Sc.)

D. V.R. Prayag Prize
Deserving needy student in T.Y. B.Sc. Statistics- Mr. Samadhan Ghubade

- Prof. P.G. Dixit, Head, Statistics Department

Department of Zoology

1. **Name of the department:** Department of Zoology
2. **Year of Establishment:** 1970
3. **Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):**

   B.Sc. Zoology
   M.Sc.Zoology
   Ph.D. Zoology
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual/semester/choice based credit system(programme wise):**

   F.Y. B.Sc. : Annual Pattern
   S.Y. and T.Y. B.Sc.: Semester Pattern
   M.Sc.Zoology – Semester Pattern
6. **Participation of the department in the courses offered by other Departments:**

   Few of staff members conduct lectures and practical sessions in Zoology for the UG and PG students at the departments of Biotechnology, Agri-Biotechnology and Microbiology.
   Animal Diversity and Systematics, Embryology, Applied Zoology: Department of Biotechnology.
   Developmental Biology: Department of Microbiology.
   Applied Zoology, Entomology: Department of Agri-Biotechnology.
7. **Courses in collaboration with other universities,industries,foreign institutions,:**

   Our department conducts Integrated Vermitechnology Training Course (IVTC), two batches per year in collaboration with Praj Foundation, Pune and Institute of Natural Organic Agriculture (INORA), Pune.
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	02	02
Asst. Professors	02	02

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

Name	Qualification	Designation	Specialization	No.of Years of Experience	No. of Ph. D Students guidedforthe last4years
Dr. H.V.Ghate	M.Sc., Ph.D.	Head of the department	Developmental Biology	29	5
Dr. A.M.Bhalerao	M.Sc., Ph.D.	Associate Professor	Entomology	28	-
Prof. Narendra Madhukar Naidu	M.Sc. M. Phil.	Associate Professor	Developmental Biology	25	-
Prof. Bharat Thalu Kalbage	M.Sc.	Assistant Professor	Cell Biology	15	-
Dr. Shubhangi S Puranik	M.Sc., Ph.D.	Assistant Professor	Zoology	07	-

11. **List of Senior Visiting Faculty:**

- Dr. Hemant V. Ghate, Eminent Professor
- Dr. Arun M. Bhalerao, Eminent Professor
- Dr. Sushama J. Thatte, Eminent Professor
- Prof. B. B. Nath, Eminent Professor

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
13. **Student-Teacher Ratio (programme wise):**

    B.Sc. : 15:1
    M.Sc. : 12:1
14. **Number of academic support staff (technical) and administrative staff;sanctioned and filled:**

    Two posts of Faculty Clerk, in the college office are sanctioned and filled.

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	4	4

15. **Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./MPhil/PG**

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	4	1	4	-	-

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

- Dr.Yugandhar S.Shinde has been awarded a Minor Research Project worth Rs. 2.2 lakhs from BCUD,Pune University.

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

18. Research Centre/facility recognized by the University:

Department of Zoology of our college has one of the oldest Post Graduate Research Centre affiliated to the Pune University. It has a recognized centre for research in Zoology.

19. Number of publications listed in International Database (For Eg:Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory ,EBSCO host, etc.):

Name of the faculty	Papers			Books			Total publications	Total impact factor	Total citation	h-Index
	International	National	Presented in Conference	International	National/ Local	Book chapter				
Dr. Hemant Ghate	15	27	-	-	-	1	43	-	607	14
Prof.Narendra Madhukar Naidu		1	-	-	-	-	-	-	-	1

20. Areas of consultancy and income generated:

- Taxonomy and Biodiversity (Dr.H.V.Ghate and Dr.A.M.Bhalerao)
- Maharashtra Pollution Control Board (Dr.A.M.Bhalerao)
- Vermitechnology and Waste management (Mr.Narendra M.Naidu). Currently, it is a non- remunerative consultancy.

21. Faculty as members in

a) Nationalcommittees: Nil

b) InternationalCommittees: Nil

c) Editorial Boards:

- Prof. N.M.Naidu was the Joint Editor for the Proceedings of the International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education', organized by our college. He is also the Editor of the College Annual Magazine since last three years.
- Dr. Hemant V. Ghate as reviewer for International Journals- Zootaxa, Zoological Journal, Taprobanica Indian Journals - Journal of Threatened Taxa,Biosystematica.

22. Student projects

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

Approximate 20% students from F.Y. and S.Y. B.Sc. are involved in projects with Zoology department. More than 60% T.Y. B.Sc. Zoology students have done in- house departmental projects

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

About 18% T.Y. B.Sc. Zoology students have done/ doing project outside institute.

23. Awards/Recognitions received by faculty and students:

Dr. H.V.Ghate

- Receipient of the 'Best Teacher Award' by the Government of Maharashtra in 2010

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

- Magnus Apelqvist,Jönköping University, Sweden (Jan. 2010)
- Prof. (Mrs.) Dipsikha Bora, Dibrugarh University, India (Nov. 2010)

25. Seminars/Conferences/Workshops organized & the source of funding:

a. **National:** Nil
b. **International:** 01 International Conference on Innovations in Teaching Learning and Evaluations in Higher Education, funded by Pune University, Pune.
c. **State:** Nil.

26. Student profile programme/course wise:

B.Sc.

Name of the Course/ programme	Applications received	Selected	Enrolled		Pass %
			M	F	
2010-2011	297	163	50	113	81.81

27. Diversity of Students:

B.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:

NET: 01, GRE: 01

29. Student progression

Student progression	Against % enrolled
UG to PG	44
PG to M.Phil	-
PG to Ph.D	2
Ph.D to Post-Doctoral	2
Employed	
➨ Campus selection ➨ Other than campus Recruitment	- -
Entrepreneurship/ Self-employment	-

30. Details of Infrastructural facilities:

a) Library : i) Stacking cupboards for books ii) Laboratory space for reading whenever available.
b) Internet facilities for Staff & Students: Six separate ports of internet available within the laboratory. 10 mbps leased line for internet connection with Wi-Fi.
c) Class rooms with ICT facility: All the three classrooms where courses in Zoology conducted have ICT facilities.
d) Laboratories: Two laboratories for under graduate level and one laboratory for PGRC.

31. Number of students receiving financial assistance from college, University, government or other agencies:

Year	Total number of students
2010-11	49

32. Details on student enrichment programmes (special lectures/workshops/ seminar) with external experts

- Visit to Ralegan Siddhi, an ideal village developed by the villagers inspired and guided by the great social worker Shri.Anna Hazare.
- Visit to the College of Agriculture and Central Bee Research and Training Institute, Pune.
- One-day educational trip to Shirgaon and areas nearby the backwaters of Pawana Dam with the intention of studying biodiversity of water bodies.
- Visit to Fish-Seed Farm at Hadapsar.
- Visit to Bio- Era at Tathavade, Chinchwad, to have know-how of new equipment purchased by our college in the recent past and also to get familiar with sophisticated instruments and techniques in advanced biology.
- Integrated Vermitechnology Training Course-two batches per year
- A lecture by Dr.Bhuvanesh Awasthi on 'How do we 'see' this world--Neuroscience of visual perception'
- Formal and informal interaction sessions of the past students were organized for the benefit of the present students of final year. Mr.Aditya Takale, Mr.Rohit Nagalgaon, Mr.Rajan Thakur, Mr.Shashank Nambiar and Ms.Ushma Shukla shared their experiences.
- A Guest lecture by Mr. Vinayak Kelkar, PRAJ foundation, Mr. Abhijit Deshmukh of Sai Samartha Seva and Dr. Mrs. Manju Tadwalkar, INORA, on urban waste management training for the benefit of UG students.
- ZooVision – An exhibition of models and charts related to Zoology

Activities carried out under UGC-CPE Scheme:

- For effective teaching during practicals, e-learning material was prepared. Departmental staff members and under-graduate students dissected different animals viz. Earthworm, Starfish, Scoliodon, Pila, and Grasshopper and also prepared whole mount of chick embryo. Video recording of the dissection steps was done.
- Guest lecturers of following eminent personalities from industries and research institutes were arranged.

Projects for Students:

- Each staff member of the department has taken responsibility of a group of interested students and simple projects in Life-Sciences have been assigned to them. Areas covered are freshwater fauna, biodiversity of spiders, experiments in vermiculture, survey methodology, basic entomology, life-cycle study of certain insects, physico-chemical properties of rivers and nearby agricultural soil and their effects on freshwater fauna, basic anthropology and *Drosophila* culture.
- Two students had Hands on-training in Pathology and three students in Dietetics.
- Extra- practicals (out of syllabus) were conducted for F.Y. BSc. students and also for T.Y. BSc. Students. Staff members from Department of Biotechnology and Department of Microbiology extended their full cooperation in this activity.

Special Workshop on Microscopy:

A two-day workshop on Microscopy was organized by our department in collaboration with the Department of Zoology, Pune University, for the last three years in two batches.

Dr.B.B.Nath, Professor and Head of the Department of Zoology, Pune University conducted this workshop very effectively. The participants had hands-on-training experience on microscopy. His research students Dr. Leena Thorat, Dr.

Rahul Gaikwad and Ms.Pallavi Gaikwad also conducted few practical sessions during the workshop.

The sessions of the second day were conducted at the Department of Zoology, Pune University. Dr. P. S. Kudnar worked as the Coordinator, under the guidance of Narendra M. Naidu.

Activities of the Post-Graduate Research Centre (PGRC):

- Ph.D. research students enrolled in our P.G.R.C. submitted their half yearly progress report.
- Dr. H. V. Ghate and Mr. N.M. Naidu published their research paper in International Journal.
- Mr.N.M.Naidu went for Survey work to places in around Kolhapur and Beed.He also made a Study visit to ZSI, Kolkata.
- Prof. B.T. Kalbage registered for Ph.D. under Pune University

Alumni activities

- Past students visited our department for delivering lectures and often for informal interaction with the present batches. These were Dr.Ananda Babrekar, Dr.Bhuvanesh Awasthi, Mr.Sachin Ranade, Dr.Manisha Modak, Dr.Mandar Kulkarni, Dr. Meghana Kanitkar, Mr.Sachin Borse, Mrs.Manuja Mundhe and Miss Apeksha Rao.
- Four students viz. Ashutosh Alekar, Pallavi Shewale, Prashant Gundal and Sneha Kamat, from the previous batch, under the guidance of Dr.Shinde designed and prepared a display chart on Career Opportunities in Zoology.
- The entire year was full of activities which kept the students , non-teaching staff and teaching staff busy and active throughout the academic calendar

33. Teaching methods adopted to improve student learning:

- ITC
- Models Charts, preserved specimens
- Demonstration in groups of preserved dissected specimen.
- Field visits
- Institutional visits
- Guest lecturers- Invited- Visits of national and international experts.
- Quiz based on syllabus
- Student seminar
- Group discussions
- Students Projects
- Research environment /active involvement of staff in PhD/ postdoctoral research
- Library facility
- Home assignments
- Remedial coaching
- Revision of practical
- Alumni

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Our department conducts Vermitechnology course (IVTC) and extension work of the same.
- Department also collaborates with NSS for Vasundhara Environmental Film Festival, waste management and other social issues.
- Extension work on Health and hygiene for school students of rural as well as slum area also carried out.
- Our faculty conducted a workshop for school students, in order to increase scientific temperament and research attitude among them.
- Prof. N. M. Naidu is actively associated with Baba Amte's Anandwan and a Spiritual organization 'Chinmaya Mission'. Hence, several activites for the benefit of students and staff in the areas of social work and value based education are regularly arranged. These programmes sensitize our students about social issues and also help them in personality development.

35. SWOC analysis of the department and future plans:

Strength:

- Our department has the oldest Post Graduate Research Centre in the college. It has maintained reputation of being one of the best research centres in Zoology under Pune University.
- Retired teachers of our department are often invited as visiting faculty. They are available for academic and administrative guidance whenever it is necessary.
- Alumni of the department informally visit the department and interact with the staff and students. Our past students who have noteworthy achievements are formally invited to deliver talks and motivate the present students for academic pursuits.
- The department has strong bonds with educational and research institutes, NGOs and other organizations since beginning. These contacts prove useful to organized several programmes for students.
- Dr. H.V. Ghate and Dr. A. M. Bhalerao contributed in Board of Studies.
- Zoology Association is active in arranging lectures, workshop, contests and exhibitions.

Weakness:

- Placement activity at departmental level needs to be strengthened.

Opportunities:

- Funds received from various funding agencies DBT/UGC/BSR etc. are useful to involve students and staff in research projects, contests and several other academic activities without financial constraints.

- The department can launch new activities in research and teaching for the benefit of students.
- Enhancing the quality of education, through the collaborative activity with Pune University, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

Challenges:

- Ban on dissections on animals has lead to searching alternatives for such practicals with respect to understanding anatomy and also the skill needed in dissections.
- Issues related to environmental and biodiversity are increasing recently. The teaching and inputs in syllabus need to immediately address these issues.
- Most of the animal types included in the syllabus are exotic species. It is essential that description of Indigenous fauna be added in the syllabus.
- Considering the advances in practicals of Molecular Biology, Cell Biology, Developmental Biology and Biochemistry, all concerned staff should undergo rigorous hands-ontraining so as to impart the best to their students.
- Genuine multifactorial limitations of the students coming from varied socio-economic background creates heterogeneity in the class and addressing the needs of all of them in the same class is a challenging task.

Future plan:

- Addition to the existing short term skill development courses which would include:Apiculture, Basic taxonomy and biodiversity, Micro-technique, Instrumentation, Public health and hygiene and Nature Photography.
- Increasing participation of students in projects and hands-on training including summer training.
- Our department will also take efforts towards career guidance, campus interviews and creating a placement cell.
- Organizing visits / training for staff and laboratory assistant for enhancement of skills.
- Contribution of research students at our PGRC in teaching and practical for UG and PG students.
- Half yearly meeting of research students and guides of department with research scholars and university authorities.
- Further efforts for establishing the remunerative consultancy services

Departmental Activity:

The department conducted one day tour of the various institutions around Pune for S.Y.B.Sc. 'B' students. This tour exposed the students to actual scientific work being done in these institutions and they also had a chance to interact with the scientists. The staff members participating in this study tour were: Mr.B.T.Kalbage and Mrs.Manasi Bapat.The institutes visited included Government Fish Farm, Hadapsar and BAIF, Uruli Kanchan for study and observation of Fisheries, Sericulture and Vermiculture.

Study tour for T.Y.B.Sc.Zoology students was conducted during January 2011 by Mr.B.T.Kalbage. Students visited coastal Konkan area to study marine life at various locations such as Ratnagiri, Dapoli and Shrivardhan. These students had an opportunity to learn a lot about fishing methods, fishing gear and methods of fish processing, etc., from the experts. They could study fish catch and also photograph many marine animals on the coast. They also visited Dr. Babasaheb Ambedkar Marathwada University's Centre for Coastal and Marine Biology Institute, Ratnagiri, the local college of fisheries and the Government Museum where live marine animals are exhibited in aquariums. On this tour students also had an opportunity to visit Konkan Krishi Vidyapeeth,Dapoli. Here they observed a large number of agriculturally important insects and projects related to Applied Entomology.

All staff members of the department took active part in the International Symposium on Biodiversity that was organized by the college during January 2011. A.M. Bhalerao and N.M. Naidu assisted in smooth conduct of the poster session. H.V. Ghate helped in academic sessions and panel discussions.

Three experienced staff members retired during this academic year. Dr. Mrs. Sushama Thatte (Senior College), along with Mrs. A.A. Satbhai and Mrs. C.V. Butala (both from Junior College) retired, after serving the college and the department for nearly three decades or more.

Dr.Mrs.Thatte delivered lectures on 'Global Warming' at the Jagannath Rathi Institute. She also contributed scripts for a Popular Science programme on AIR, Pune.

Two teachers were appointed ad-hoc to complete the work-load of senior college; Mrs. Manasi Bapat and Mr. Prashant Duraphe. For Junior College Mrs. Ashwini Deshkar **w**as appointed**.**

H.V. Ghate was due to retire on 31st March 2011 but the recent increase in the age of superannuation by the Government of Maharashtra is likely to extend his services by two more years.

Dr.A.M.Bhalerao devotedly_worked as a member of Organizing Committee, 'Advisor' of Poster session Committee as well as 'Judge' for the assessment of certain Posters during the International Conference on Biodiversity and State –level Conference on Microbiology by our college in the months of Jan-Feb 2011._Similarly he_helped in the organization and conduct of two '**Add-on' departmental courses on 'Vermi-tech'** during 1st and 2nd term of this academic year. As a Chairman of Time-Table Committee, he efficiently carried out and completed the work of preparation, compilation and display of Hall-wise time-tables, essential for the disciplined and effective process of teaching and learning. A.M. Bhalerao also helped the Staff members of the Sister –Institution, Modern College, Ganeshkhind, for the effective teaching of newly introduced course from the revised syllabus in T.Y.B.Sc. Zoology. He provided necessary guidance and the available latest literature references to the staff members of Ganeshkhind College.

Dr.Bhalerao, Mr.Naidu and Mr.Kalbage took active part in the Remedial Coaching Classes conducted for the students of F.Y.B.Sc. of our college.

Mr.N.M.Naidu and Mr.B.T.Kalbage participated in the Hands-on Training Course organized by the Department of Zoology, University of Pune regarding the newly introduced TYBSc. Zoology Practicals.

Mr.N.M.Naidu was invited as a Resource person for **Remedial teaching for F.Y.BSc. students at Prof.Ramakrishna More College, Akurdi.** He was then invited as a Guest Speaker under the QIP (of University of Pune) at B.R.Gholap College, Sanghvi .The topic of his talk was "**A few Important Milestones in Developmental Biology".**Mr. Naidu also delivered talks

on " Swami Vivekananda- Life and Mission" at Modern College, Shivajinagar, NSS Camp of our college at Ghotawade, Modern College, Ganeshkhind, and later at Department of Mechanical Engineering and Department of Civil Engineering, Cusrow Wadia .He was also invited as a Resource person for an Inter-collegiate workshop organized by NSS Centre, University of Pune on "Value-Based Education" at Dr. B.N.Purandare College Lonavala. He addressed the SY and T.Y.B.Sc. (Zoology) students of S.P.College on "Career opportunities in Zoology".

Mr. N.M.Naidu attended the 3 day National level Conference on **"Examination Reforms in Higher Education"** at Christ University, Bengaluru, on behalf of Modern College.

Dr.H.V.Ghate, Dr.Mrs.S.J.Thatte and Mr.N.M.Naidu contributed as Resource Persons in the Ornitholgy Course conducted by the ELA Foundation and Garware College, Pune.

H.V. Ghate conducted routine matters of the departmental administration smoothly and took active part in the biodiversity symposium. He also completed some university assignments, such as working as an expert for assessing BCUD Project Presentations (which were held at Vidya Pratisthan, Baramati). He also completed his II term on Board of Studies as an elected member. He also visited a couple of colleges as a member of local inquiry committee of the University of Pune. The need for a workshop regarding newly introduced practicals for TY zoology students was emphasized by H.V. Ghate and, subsequently, he initiated discussions in this regard. H.V. Ghate guided several students in their MSc projects. One Post-Doc fellow, Dr. Sanket Tembe worked with him under a DBT Scheme "DNA **Barcoding of Pentatomoid Bugs**". In addition, Mrs. Gauri Sathye is working with H.V. Ghate, as a woman scientist under a special DST Scheme for Women. She will be working till September 2011. H.V. Ghate also published a few papers in National and International Journals. Recently he has been invited to collaborate on a National Projects on DNA Barcoding. He also has an ongoing international collaboration and a couple of papers will be soon published in International Journals.

Government of Maharashtra awarded H.V. Ghate with "Rajya Shikshak Puraskar" for 2009-2010 on 4th September 2010. The award includes cash prize of Rs. 5,000/- and also 2 immediate increments in the pay-scale. He is the first staff member of our college to get such a prestigious award in recognition of his work in teaching and research. Earlier he had also received Best Teacher award from University of Pune and from Progressive Education Society.

Mr.Umesh D.Gore (Laboratory Assistant) participated in a one day workshop on "Safety in the laboratory" organised by Dept. of Chemistry, B.J.S College, Wagholi and University of Pune on 31st January 2011.

Integrated Vermitechnology Training Course

Our Department in collaboration with Institute of Natural Organic Agriculture (INORA) Pune launched an add-on course in "Waste Management using Integrated Vermitechnology" since last academic year.

All staff members of our department were actively involved in conducting lectures and practicals of this course. Ms. Manjushree Tadwalkar, CEO, INORA, her associate Ms. Nutan Bhajekar and other colleagues conducted lectures and interactive sessions.

30 students completed this course in the August-September 2010 batch. 25 students completed this course in the January-February 2011 batch. Each batch was taken on a field trip to the INORA centre at Daravali.

Dr. H. V. Ghate gave the first lecture on "Need for Recycling" for both the batches. Principal Dr. R. S. Zunjarrao was present for the inaugral and the valedictory functions.

Alumni Meet

The past two batches (2008-09 and 2009-10) organised a get-together at the department in February 2011. Mr. Shriraj Jakhalekar (2008-09) and Ms. Kadambari Dixit (2009-10) took initiative and painstaking efforts to make the programme successful. Retired staff members were also invited for this reunion.

- Dr.H.V.Ghate, Head of the Department

Library

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Department of Physical Education

The ability to be in the present moment is a major component of mental wellness. Sports and Physical activities is the easiest way to achieve this. Department of Physical Education and Sports is starving to attain this mental health goal of the life with different activities which department organizing throughout the year. College has participated in **27 Events** i.e. Swimming & Diving (M & W), Netball (M/W), Boxing (M & W), Softball (M/W), Pistol Shooting (M & W), Judo (M & W), Athletics (M & W), Korfball (M & W), Baseball (M), Chess (M & W), Volleyball (M/W), Lawn Tennis (M/W), Kabaddi (M), Handball (M), Basketball (M/W), Hockey (M), Football (M), and Table Tennis (M/W) in this academic year. College was winner in Intercollegiate Korfball competition, stood second in Volleyball (M), Netball (M/W) and third in Kabaddi (M) and 4 X 400 Meter Relay.

Gymkhana Managing Committee

Programs of Departments were managed with the help of Gymkhana managing Committee (GMC). GMC consists of representatives from staff members appointed by Principal and student representative related to specific games in which, normally, college participates in the intercollegiate competitions. Following was the GMC for the academic year 2010-2011.

Sr. No.	Member Name	Designation	Sr. No.	Member Name	Designation	Sr. No.	Member Name	Designation
1	Dr. R.S. Zunjarrao	President	11	Prof. Shelke V.T.	Member	21	Neha Naik	GR (Swimming)
2	Dr. Waghmare Y.R.	Vice President	12	Prof. Tarate G.M.	Member	22	Chetan Baramatikar	GR (Hockey)
3	Prof. Chinchore J.P.	Vice President	13	Prof. Vidap R.M.	Member	23	Rutuja Salunkhe	GR (Netball)
4	Prof. Dixit P.G.	Chairperson	14	Prof. Yenage B.B.	Member	24	Rohit Ingawale	GR (Athletics)
5	Dr. D.T. Shendkar	Coordinator	15	Prof. Deepak Kute	Member	25	Tushar Jadhav	GR (Rifle Shooting)

Sr. No.	Member Name	Designation	Sr. No.	Member Name	Designation	Sr. No.	Member Name	Designation
6	Prof. Gopale K.D.	Member	16	Shri Inamdar S.R.	Member Office	26	Gaurav Patole	GR (Kabaddi)
7	Prof. Khedkar R.R.	Member	17	Ashish Patil	U.R.	27	Swapnil Gulhane	GR (Baseball)
8	Prof. Pokharkar S.R.	Member	18	Prafullakumar Bansod	ICSR (Gents)	28	Rugved Nirgudkar	GR (Basketball)
9	Prof. Salunke M.S.	Member	19	Ujwala Matale	ICSR (Ladies)			
10	Prof. Sherikar V.M.	Member	20	Radhika Fulambrikar	Ladies Representative			

INTERCOLLEGIATE 4 X 400 METER RRELAY BRONZE MEDALIST

INTERCOLLEGIATE NETBALL SILVER MEDALIST

INTERCOLLEGIATE KORFBALL WINNER TEAM

Interclass Competitions

Interclass competitions were organized to motivate and giving opportunity to athlete to exhibit their skill. It also helps to identify potential players who can be nurture so that they can represent next year's sports season. This year we have organized competitions in Chess, Badminton, Table Tennis, Kabaddi, Basketball, Seven-a-side Football and Volleyball. We have also organized Seven-a-side Hockey Exhibition match for the first time. All the competitions were organized by the G.R.s' and volunteers under the supervision of the Gymkhana Teachers. Competitions were inaugurated by Principal Dr. Rajendra Zunjarrao.

INTERCOLLEGIATE KABADDI BRONZE MEDALIST

The detail results are as follows,

No.	Event	Player's Name	Class	Division	Place	No.	Event	Player's Name	Class	Division	Place
1	Badminton Singles	Darshan Selot	M.C.S.		First	11	Chess	Akshad Dhore	S.Y.B.Sc.	B	Second
2	Badminton Singles	Prafulla Chavan	T.Y.B.Com.	C	Second	12	Chess	Indrajit Kendre	F.Y.B.A.	A	Third
3	Badminton Singles Badminton Doubles (M)	Swapnil Kambale	T.Y.B.C.S.	A	Third FIrst	13	Table Tennis	Rahul Naik	F.Y.B.Com.		First
4	Badminton Singles Badminton Doubles (W)	Prajakta Phulaware	S.Y.B.C.S.	B	First First	14	Table Tennis	Divijay Jagtap	S.Y.B.Sc.		Second
5	Badminton Singles	Madhura Joshi	F.Y.B.C.S.		Second	15	Badminton Doubles (M)	Suraj Dhule	T.Y.B.C.S.	A	First
6	Badminton Mix Doubles	Akshada Khadpekar	T.Y.B.Sc.	Biotech	First	16	Badminton Doubles (M)	Pratik Pardeshi	S.Y.B.Com.	A	Second
7	Badminton Mix Doubles	Prashant Shah	T.Y.B.Sc.	Biotech	First	17	Badminton Doubles (M)	Abhishek Karde	S.Y.B.Com.	A	Second
8	Badminton Mix Doubles	Pritam Naik	S.Y.B.Sc.	Comp.	Second	18	Badminton Doubles (W)	Savani Nijsure	S.Y.B.Sc.		Second
9	Badminton Mix Doubles Badminton Doubles (W)	Shruti Pathak	S.Y.B.Sc.	Comp.	Second First	19	Badminton Doubles (W)	Priyanka Patil	S.Y.B.Sc.		Second
10	Chess	Aditya Bhagwat	T.Y.B.Com.	C	First						

Interclass Competition: Team Event

1.	Volleyball	Runners Up	T.Y.B.Com.	'B'
2.	Volleyball	Winner	S.Y.B.Com.	'A'
3.	Kabaddi	Runners Up	S.Y.B.Com.	'A'
4.	Kabaddi	Winner	F.Y.B.A.	'A'
5.	Basketball	Runners Up	T.Y.B.Com.	'A'
6.	Basketball	Winner	S.Y.B.Com.	'D'
7.	Football	Runners Up	F.Y.B.Sc. (Com)	'A'
8.	Football	Winner	T.Y.B.Com.	'C'

Interclass Competition 2010-2011

Intercollegiate Competition Organization

Intercollegiate Handball (M & W) Competition

College has also organized intercollegiate competitions for Handball (W) on 5th October 2010 at Fergusson College Ground. Prof. Sudam Shelke, Shri Shiv Chatrapati Awardees in Handball, inaugurated the tournament. Handball (M) competition was organized from 9th to 12th October 2010 on college Ground. Total 19 Teams from different colleges were participated in Men Section and 6 Teams in women section.

Intercollegiate Korfball Competition:

Intercollegiate Korfball Competition was organized by our college on 3rd December 2010 where 7 teams participated. Matches were inaugurated by Principal Dr. Rajendra Zunjarrao.

Principal Dr. Rajendra Zunjarrao at the inaugural of Intercollegiate Korfball Competition.

Winner and Runner Teams of Inter Collegiate Korfball Competition

Interzonal Competition Organization (2010-2011):

Handball Men and Women competitions: Interzonal Handball (M/W) competitions were organized by our college on 12th to 14th October 2010 on college ground. Shri Shiv Chatrapati Awardees in handball, Mr. Sudip Waghchoure (ACP, ATS, Mumbai) was the chief guest at the occasion and Dr. Deepak Mane (Asst. Director, Board of Sports, Pune University) was the Guest of Honor. University of Pune sponsored the event by providing token grant of Rs. 14,000/-

Interzonal Handball (M/W) Competition 2010-2011

Interzonal Basketball Women Competition: Interzonal Handball (W) Competition was organized on 25th and 26th October 2010 on college ground. Prof. P.G. Dixit, Chairman of the Gymkhana Committee, was the chief guest for th e opening ceremony. Nashik, A'Nagar, Pune District and Pune City are the teams participated in this tournament. Pune City Team immerged as the winner of this tournament.

Interzonal Basketball (W) Competition

Invitational State Level Intercollegiate Volleyball Competition "Modern Karandak 2010-2011": "**Modern Karandak**" is the yearly carnival of volleyball players from different colleges from Maharashtra organized by Modern College, Shivajinagar, Pune from 10th to 12th January 2011 on the occasion of "**National Youth Day**". This is the second year of the tournament. Motivation and giving opportunity to armature college volleyball player to express their skills in volleyball in front of their counterparts and knowledgeable audience is one of the major objectives of organizing competition. Similarly developing organizing skills of our college students is also the main development. Invitation was given to 12 teams from Pune District for this competition. Tournament was inaugurated by Pune's own International Volleyball player Miss Priyanka Bora. Principal Dr. Rajendra Zunjarrao, Prof. Prakash Dixit (Chairman, Gymkhana Committee) were present at this occasion. Tournament was sponsored by Bank of Maharashtra, Quest Power House, Nu-Life Sports Wear, Mr. Rahul Sandbhor, Poonam Caterers, and Prof. Vinay Sherikar. Wide coverage daily by different news paper was the delightful for the tournament.

Prof. P.G. Dixit, Dr. Rajendra Zunjarrao and Miss Priyanka Bora at Opening Ceremony

Boys in Action

Chandrashekhar Agashe College of Physical Education was the winner of the tournament while Sharadchandra Pawar College of Arts and Commerce from Alandi were the runners up. Third place was grabbed by Modern College of Engineering by beating Sanskar Mandir College, Waraje. Mr. Abhay Kachare from C.A.C.P.E. was adjudge "Best Smasher", Babashaeb Gosavi from Sharadchandra Pawar College, Alandi as "Best Blocker" and Mr. Nilesh Waghmare from Sanskar Mandir college as "Best Player" of the tournament. Mr. Vasant Kale (Chief Manager, Bank of Maharashtra, Pune Region) was the Chief Guest for the Prize Distribution. Dr. Rajendra Zunjarrao (Principal, Modern College, Shivajinagar, Pune 5), Prof. Jagdish Chinchore (Secretary, P.E. Society), Mr. Janardhan and Mr. Kulkarni from Bank of Maharashtra, Prof. Kishor Pathare, Prof. Abhijeet Parse, Prof. Akshay Kashid, Prof. Vinay Sherikar and Mr. Ganesh Gawade were Present for the Prize Distribution. Mr. Prafulla Bansod (ICSR Gents), Miss Ujwala Matale (ICSR Ladies), Mr. Ashish Patil (UR), Mr. Rohit Ingawale, MR. Chetan Baramatikar was the lead organizer of the tournament. Myself Dr. Deepak Shendkar worked as Chief organizer and Prof. Deepak Kute as the assistant organizer for this tournament.

Boys in Action

Winner with the Guest

Best Physique Workshop: Best Physique Workshop was organized on 4th February 2011 for the Amateur Body builders from different colleges of Pune City. Prof. Anil Mare (National Body Builder) from Mamasaheb Mohal College, Kothrud and Mr. Manish Sasane (Maharashtra Shri) were the guest lectures. Prof. Anil mare enlightened the body builders regarding the Special Diet to be taken by before, during and after the major competitions. He also explained the side effects of doping. Mr. Manish Sasane elaborated the ways and method to do proper exercise. He also explained the proper postures during the posing in the competitions from judges' prospects.

Modern Karandak in News

Netball Coaching Camp: For developing the skill of the players, department has taken initiative to organized District Level Netball Coaching Camp for the players. Camp was organized from 16th to 20th January 2011. Total 24 players participated in the coaching camp. Mr. Pranit Shinde (State level Authorized Official and Coach of the Netball Association) and Mr. Prafulla Rokade devotedly trained the players. The immediate result of the camp was that the under nineteen girls' team of our college became the winner of the District Championship organized by Pune District Netball Association, at Rajgurunagar, Pune and the boys team secured second place.

Best Physique Competition: "Modern Shree"

Best physique competition of our college was conducted on 9th February 2011 at Assembly Hall. Competitions were inaugurated by Dr. Rajendra Zunjarrao. Prof. Deshmukh, Vice-principal, was also present for this competition. Prof. Anil Mare, Prof. Vikram Phale and Mr. Manish Sasane worked as official for the competition. Shri Akshay Walke (S.Y.B.Com.) was judged as **Modern Shri** and Shri Abhijit Gawade (F.Y.B.A.) as Best Poser and Second Place and Shri Vivek Bhise (F.Y.B.C.A.) as third place.

Modern Shri Akshay Walke Receiving Prize from Principal Dr. R.S. Zunjarrao and Prof. Deshmukh.

Annual Prize Distribution Ceremony

Annual Prize Distribution function was organized on 17th February 2011. Prof. Mrs. Shobha Bhagat (Shiv Chatrapati Awardee- Kabaddi) was the Chief Guest and Mr. Nandkkishor Ekbote, presided over the function. Meritorious sports persons were felicitated at this moment. List of these players was as follows,

INTERCOLLEGIATE LEVEL PERFORMER

1.	***Asif Tamboli***	***F.Y.B.A.***	***Volleyball***
a.	Intercollegiate Volleyball Competition		Silver Medal
2.	***Sharukh Shaikh***	***F.Y.B.A.***	***Athletics***
a.	Intercollegiate Athletics 4 X 400 Meter Relay		Bronze Medal
3.	***Gaurav Patole***	***F.Y.B.A.***	***Kabaddi***
a.	Intercollegiate Kabaddi Competition		Bronze Medal

4. Prashant Kamble F.Y.B.A. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
5. Tushar Jadhav F.Y.B.Com. Netball
a. Intercollegiate Netball Competition Silver Medal
6. Shripad Chandane F.Y.B.Com. Volleyball
a. Intercollegiate Volleyball Competition Silver Medal
7. Rohit Bhivare F.Y.B.Com. Athletics
a. Intercollegiate Athletics 4 X 400 Meter Relay Bronze Medal
8. Manoj Jagtap F.Y.B.Com. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
9. Sachin Chavan F.Y.B.Sc. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
10. Nikita Mahajan F.Y.B.Com. Tennis
a. Intercollegiate Tennis Competition Team Bronze Medal
11. Rohit Bora F.Y.B.Com. Korfball & Netball
a. Intercollegiate Korfball Competition Silver Medal
b. Intercollegiate Netball Competition Silver Medal
c. District Level Under 19 Netball Competition Rajgurunagar Silver Medal
12. Sumit Vetal S.Y.B.A. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
13. Nikhil Bhorde S.Y.B.Com. Volleyball
a. Intercollegiate Volleyball Competition Silver Medal
14. Rohit Ingavale S.Y.B.Com. Volleyball & Athletics
a. Intercollegiate Volleyball Competition Silver Medal
b. Intercollegiate Athletics 4 X 400 Meter Relay Bronze Medal
15. Abhishek Karde S.Y.B.Com. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
16. Pratik Pardeshi S.Y.B.Com. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
17. Shreyash Pathak S.Y.B.Sc. Netball
a. Intercollegiate Netball Competition Silver Medal
18. Digvijay Jagtap S.Y.B.Sc. Volleyball
a. Intercollegiate Volleyball Competition Silver Medal
19. Hrushikesh Shinde T.Y.B.A. Athletics
a. Intercollegiate Athletics 4 X 400 Meter Relay Bronze Medal
20. Prakash Barde T.Y.B.A. Athletics
a. Intercollegiate Athletics 4 X 400 Meter Relay Bronze Medal
21. Atul Bhosale T.Y.B.Com. Volleyball
a. Intercollegiate Volleyball Competition Silver Medal
22. Mahesh Shinde T.Y.B.Com. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
23. Pravin Padale T.Y.B.Com. Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
24. Amol Bawale M.A. Part I Kabaddi
a. Intercollegiate Kabaddi Competition Bronze Medal
25. Sachin Shikare M.A. Part II Volleyball
a. Intercollegiate Volleyball Competition Silver Medal

INTERZONAL / STATE LEVEL PERFORMERS

1. Avinash Ranpise F.Y.B.A. Wrestling
a. Interzonal Wrestling Competition Participation
2. Rohit Dhamale M.Com. Part I Kabaddi
a. Interzonal Kabaddi Competition Participation
3. Anil Bankar M.C.A. Wrestling
a. Interzonal Wrestling Competition Participation
4. Vikrant Jagtap S.Y.B.Com. Softball
a. State Softball Competition Gondiya Participation
5. Vishwesh Karambalekar S.Y.B.Com. Softball
a. State Softball Competition Gondiya Participation
6. Kunal More T.Y.B.Com. Kabaddi
a. Interzonal Kabaddi Competition Participation
7. Ameya Patil Judo
a. Interzonal Judo Competition Participation
8. Rutuja Salunkhe S.Y.B.Com. Netball
a. Intercollegiate Netball Competition Silver Medal
b. Interzonal Netball Competition Rajgurunagar Silver Medal
9. Pritam Naik S.Y.B.C.S. Volleyball & Korfball
a. Intercollegiate Volleyball Competition Silver Medal

b. Interzonal Volleyball Competition Baramati Gold Medal
c. Intercollegiate Korfball Competition Silver Medal

10. Chetan Baramatikar S.Y.B.Com. Softball/Baseball

a. Interzonal Softball Competition Daund Silver Medal
b. Interzonal Baseball Competition Pune Gold Medal

11. Shashi Pillay S.Y.B.Com. Hockey

a. Interzonal Hockey Competition Pune Gold Medal

12. Kamlesh Pardeshi S.Y.B.Com. Karate

a. State Level Karate Team KATA Competition Thane Gold Medal
b. State Level Karate Individual KUMITE Competition Thane Silver Medal
c. State Level Karate Individual KATA Competition Thane Silver Medal
d. State Level Karate Team KUMITE Competition Thane Bronze Medal

13. Rohan Mallelwar S.Y.B.Sc. Netball

a. Intercollegiate Netball Competition Silver Medal
b. Interzonal Netball Competition Rajgurunagar

14. Nilesh Jadhav T.Y.B.Com. Hockey

a. Interzonal Hockey Competition Pune Gold Medal

15. Ashish Patil T.Y.B.Com. Volleyball

a. Intercollegiate Volleyball Competition Silver Medal
b. Interzonal Volleyball Competition Baramati Gold Medal

16. Sagar Bhalgat S.Y.B.Sc. Shooting

a. Intercollegiate Shooting Competition Silver Medal
b. Interzonal Shooting Competition Pune Participation

17. Wasim Shaikh S.Y.B.Com. Athletics & Volleyball

a. Intercollegiate High Jump Competition Gold Medal
b. Interzonal High Jump Competition Pune Gold Medal
c. State Level High Jump Competition Akola Gold Medal
d. Inter University Ashwamedh Competition
e. Intercollegiate Volleyball Competition Silver Medal

NATIONAL LEVEL PERFORMER

1. Shital Yadav F.Y.B.Com. Tennis

a. Intercollegiate Lawn Tennis Competition Team Bronze Medal
b. State Level Lawn Tennis Competition Parbhani Bronze Medal
c. Nation Lawn Tennis Competition Bhopal (M.P.) Semifinal

2. Swapnil Gulhane F.Y.B.Sc. Baseball & Softball

a. Interzonal Baseball Competition Pune Gold Medal
b. Inter University Baseball Competition Participation
c. State Softball Competition Nashik Silver Medal

3. Tejas Khivsare F.Y.B.Sc. Netball

a. Intercollegiate Netball Competition Silver Medal
b. Interzonal Netball Competition Rajgurunagar
c. Inter University Netball Competition Chandigarh Participation

4. Amruta Dashwant M.A. Part I Shooting

a. Open National Shooting Championship Delhi Participation

5. Smita Dhole M.A. Part II Korfball

a. Intercollegiate Korfball Competition Silver Medal
b. Interzonal Korfball Competition Junnar Gold Medal
c. All India Inter University Korfball Competition Chandigarh Participation

6. Dipti Kadam M.Sc. Part I Korfball, Netball & Volleyball

a. Intercollegiate Korfball Competition Silver Medal
b. Interzonal Korfball Competition Junnar Gold Medal
c. All India Inter University Korfball Competition Chandigarh Participation
d. Interzonal Volleyball Competition Saswad Silver Medal
e. Intercollegiate Netball Competition Gold Medal
f. Interzonal Netball Competition Rajgurunagar Silver Medal

7. Sheetal Dhamale M.Sc. Part II Korfball, Netball & Volleyball

a. Intercollegiate Korfball Competition Silver Medal
b. Interzonal Korfball Competition Junnar Gold Medal
c. National Korfball Competition Nagpur Participation
d. Intercollegiate Netball Competition Gold Medal
e. Interzonal Netball Competition Rajgurunagar Silver Medal
f. Interzonal Volleyball Competition Saswad Silver Medal

8. Prafullakumar Bansod M.C.A. Tennis Volleyball & Volleyball

a. Intercollegiate Volleyball Competition Silver Medal
b. Interzonal Volleyball Competition Baramati Gold Medal
c. National Tennis Volleyball Competition Dholpur (Rajasthan) Participation

9. Ketaki Bhave S.Y.B.Com. Korfball & Netball
a. Intercollegiate Netball Competition Gold Medal
b. Interzonal Netball Competition Rajgurunagar Silver Medal
c. Intercollegiate Korfball Competition Silver Medal
d. Interzonal Korfball Competition Junnar Gold Medal
e. Inter University Korfball Competition Chandigarh Participation

10. Ujjawala Matale S.Y.B.Com. Korfball
a. Intercollegiate Netball Competition Gold Medal
b. Interzonal Netball Competition Rajgurunagar Silver Medal
c. Intercollegiate Korfball Competition Silver Medal
d. Interzonal Korfball Competition Junnar Gold Medal
e. Inter University Korfball Competition Chandigarh Participation

11. Akshay Deshpande S.Y.B.Com. Table Tennis
a. Pune District Championship Semifinal
b. Maharashtra State Championship Nanded Participation
c. Maharashtra State Championship Mumbai Participation
d. Open National Championship Nagpur Participation

12. Digvijay Salunkhe S.Y.B.Com. Volleyball
a. Intercollegiate Volleyball Competition Silver Medal
b. Interzonal Volleyball Competition Baramati Gold Medal
c. Inter University Volleyball Championship Partiicpation

13. Rugved Nirgudkar S.Y.B.Com. Korfball & Netball
a. Intercollegiate Netball Competition Silver Medal
b. Interzonal Netball Competition Rajgurunagar Silver Medal
c. Intercollegiate Korfball Competition Silver Medal
d. Interzonal Korfball Competition Pune Silver Medal
e. Open National Korfball Competition Nagpur Participation

14. Tanay Shah S.Y.B.Sc. Korfball
a. Intercollegiate Netball Competition Silver Medal
b. Interzonal Netball Competition Rajgurunagar Participation
c. Intercollegiate Korfball Competition Silver Medal
d. Interzonal Korfball Competition Pune Silver Medal
e. Inter University Korfball Competition Chandigarh Participation

15. Neha Naik M.Com. Part I Diving
a. Intercollegiate Diving Competition Gold Medal
b. Interzonal Diving Competition Nashik Gold Medal
c. Inter University Diving Competition Kolkata 4th Place

16. Kiran Pethe M.Com. Part I Judo
a. Intercollegiate Judo Competition Gold Medal
b. Interzonal Judo Competition Pune Gold Medal
c. Inter University Judo Competition Pune Silver Medal

17. Sonam Bhambure M.Com. Part I Judo
a. Intercollegiate Judo Competition Gold Medal
b. Interzonal Judo Competition Pune Gold Medal
c. Inter University Judo Competition Pune Silver Medal

18. Kanhaiya Babar M.A. Part I Shooting
a. Intercollegiate Shooting Competition Silver Medal
b. Interzonal Shooting Competition Pune Silver Medal
c. All India Inter University Competition Gwalior Silver Medal
d. Open National Shooting Competition Delhi Silver Medal

Department of Physical Education and Sports is very thankful to Principal, Vice Principal, Office Superintendent, University and Pune City Zonal Authorities, U.R., ICSR, Gymkhana Representatives, Sponsors, Office Staff, and all non teaching staff for their co-operation for the successful accomplishment of the programs of the department.

- Dr. Deepak Shendkar, Director, Physical Education and Sports.

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