# Annual Report 2015-2016

### **OFFICE**

The academic year 2015-2016 started with the celebration of 45<sup>th</sup> College Foundation Day on 15<sup>th</sup> June 2015.

'Modi Script' training programme was organized in the college. The formal examination for the participants of this training programme was conducted in the college. Total 80 participants registered for this training programme. Members of the teaching and non teaching staff participated in the programme.

The Administrative Staff participated in various functions organized by our college during this year. These include:

- The College Foundation day celebrated on 15th June 2015.
- International, National, State level seminars organized by various departments.
- Various functions organized by all the Committees and Associations.
- Arts Circle Week.
- Annual Social Gathering.
- Academic Prize Distribution Function.
- Gymkhana Prize Distribution Function.
- Office has also supported the social activities organized by NSS, NCC etc.

Medical examination of all First Year Students was conducted on behalf of the Savitribai Phule Pune University, by the Committee constituted by the College. The Medical checkup committee with the help of teaching and non teaching staff carried out this activity.

### • Use of Technology:

This year too, with the help of Vriddhi software on line admissions were done by the college. Identity Cards were given to the students with the help of software. Advanced technology has been used to inform students and parents about notices, alerts and examination schedules. Using SMS facility during the year, we have forwarded many instructions, notices to students and staff. The office administration has made effective use of the students Database Management 'VRIDDHI'. This has helped all the departments to share the office and library data. The office staff has made use of maximum use of new technology. Presently all the work related in the Accounts department is done on tally software.

Office along with IQAC has conducted workshop for non teaching staff. Non teaching staff were also deputed for attending various workshops at different colleges regarding salary, office administration and HR.

### • Facilities for Students:

College has sufficient number of water coolers on each floor of the building and water purifiers for both the drinking water tanks at the ground floor, to provide clean and cool water to students. The facility of ramps and two lifts is made available for benefit of the differently able students, staff, and senior citizens.

Decisions taken in the Parents-Teachers Association have been useful for both the students and staff to provide necessary facilities to the students. Well equipped gymnasium is made available for students.

### • Information for freshers:

This year too, guidance sessions (information lectures) were scheduled at the beginning of the academic year, for the first year students of all facilities who took admission in our college. Principal, Vice-Principal, Heads of departments and Chairpersons of various Committees gave basic information about various facilities, prospects, skill development programmes, library and activites carried out in the college. General information regarding office administration was also given to students.

### Congratulations for special achievements:

Congratulations to our teaching staff Associate Professor in Statistics Prof. P.S.Kapare, Assistant Teacher in Commerce Smt. Sunita Gosavi and Junior Clerk, (Office) Mrs. Sunita Sasane, for being honoured with P.E. Society's 'Kanitkar Adarsh Teaching / Non teaching Award' for academic year 2015-16.

Congratulations to all those teaching staff who have succeeded in getting financial assistance/grants for various projects, research work and scheme from various funding agencies such as BCUD, UGC, DBT, DST etc.

### • Heartfelt wishes for the retiring staff:

The following members of the staff have retired from the services after a long and fruitful service to the college:

- 1. Prof A.V.Deshpande 31st August, 2015.
- 2. Prof Dr.S.D.Joag- 31st October, 2015.
- 3. Mrs. Gharpure Sanjivini 31st July, 2015.
- 4. Mr. Jaiprakash J Pawar -30th September, 2015.
- 5. Shri. P.B.Udek 31st May, 2015.
- 6. Shri. Raghu Dalvi 31st May, 2015.
- 7. Shri. S.N.Kamthe 30<sup>th</sup> June, 2015.
- 8. Shri. S.S.Kamthe 30<sup>th</sup> June, 2015.
- 9. Shri. A.P.Shindekar 31st August, 2015.
- 10. Shri. K.T.Waghmare 31st August, 2015.
- 11. Shri. V.L.Avhad 28<sup>th</sup> February, 2016.

We wish our retiring colleagues a happy, peaceful and healthy retired life. The Chairman Local Managing Committee and Junior College Committee, The Principal and Vice-Principals constantly guided and inspired the office staff in their day-to-day work. Valuable guidance was provided by Prof. Dr.G.R.Ekbote, Chairman, Business Council, P.E.Society, Pune -5, Prof. P.S.Chirputkar, Dr.A.K.Pande Prof.Mrs J.G.Ekbote Prof S.S.Deshmukh , Prof. S.R.Chaudhari and Prof. S.S.Thengadi regarding financial and UGC matters , particularly for getting Grants for the college from the different sources and utilization of these grants. Guidance provided by Prof.A.G.Gosavi and Dr.Y.R.Waghmare regarding accounting work was beneficial to our accounts staff.

### Mr.P.D.Renuse

Office Superintendent Mr.Ravindra P.Kale Registrar

### **Department of Biotechnology**

- 1. Name of the department: Department of Biotechnology
- 2. Year of Establishment: UG: 2005 PG: 2008
- 3. Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):
  - B.Sc. Biotechnology
  - M.Sc. Biotechnology
- 4. Names of Interdisciplinary courses and the departments/units involved:
  - FY Biotechnology: Department of Computer Science, Chemistry, Mathematics, and Physics.
  - SY Biotechnology: Department of English.
- 5. Annual/ semester/choice based credit system (programme wise):
  - B.Sc. Biotechnology: Semester Pattern
  - M.Sc. Biotechnology: Semester Pattern with Choice Based Credit System
- 6. Participation of the department in the courses offered by the departments:

The faculty is involved in teaching few topics in the Department of Botany and Zoology

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

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	9	9

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. Sangeeta Vijay Bhagat	M.Sc,M.Phil,Ph.D (Biochemistry)	Head of the Department	Biochemistry	16	-
Dr. Rebecca Sandeep Thombre	M.Sc., Ph.D. (Microbiology) SET. (Life Sciences)	Assistant Professor	Microbiology	12	-
Dr. Shubhangi Sanjay Puranik (Up to April 2015)	M.Sc., Ph.D. (Zoology)	Assistant Professor	Zoology	17	-
Mrs. Rama Mandar Phadke	M.Sc., SET (Biotech nology)	Assistant Professor	Biotechnology	12	-
Dr. Geetanjali Madhusudan Litake	M.Sc., Ph.D. (Medical Microbiology)	Assistant Professor	Medical Microbiology-	5	-
Prof. Ravi L Dabhade	of. Ravi L Dabhade M.Sc., NET, GATE (Biochemistry)		Biochemistry	5	-
Dr Sangeeta Sathaye	M.Sc., Ph.D. (Biochemistry)	Assistant Professor	Biochemistry, Plant Biotech	5	-
Dr. Sharad Goswami	M.Sc. Ph.D. (Botany)	Assistant Professor	Botany	10	-
Prof. Radhika Oke	M.Sc.	Assistant Professor	Biotechnology	01	-

### 11. List of senior visiting faculty:

Mrs. Kanchan Rajadhyaksha (Retd.), Department of Mathematics, Modern College, Pune-5

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

• B.Sc. Biotechnology: 15%

• M.Sc. Biotechnology: 10 %

### 13. Student - Teacher Ratio (programme wise)

B.Sc. Biotechnology: 17: 1M.Sc. Biotechnology: 16: 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 DSc/ D.Litt./ Ph.D./ MPhil / PG.:

Qualification	PG	M.Phil.	Ph.D.	D.Litt.	D.Sc.
No. of Staff	3		6		

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

Principal Investigator	Title	Funding agency	Amount (Rs.)	Year
Dr. Sangeeta Bhagat	Screening of some indigenoud plant species for XAnthine Oxidase inhibitors- Potential remedy for gout	BCUD	1,60,000/-	2014-2016
Dr. Rebecca Thombre	Studies on bacterioruberin and membrane proteins from Haloarchaea isolated from Mumbai	BCUD	2,30,000/-	2014-2016
Dr. Geetanjali M. Litake	Studies on environmental dissemination of MDR <i>Staphylococcus</i> species	BCUD	1,80,000/-	2014-2016
Mr. Ravi L. Dabhade	Green synthesis of metal nanoparticles and studies on nitrate reductase	BCUD	1,30,000/-	2014-2016
Ms. Rama Phadke	Evaluation of potential of cytotoxicity of curcin protein from Jatropha curcas L.	UGC	3,35,000/-	2015-2017

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

Name & Designation of the Staff	Research Project Major/Minor	Funding Agency	Duration from To	Amount Rs.
Dr. Sangeeta Bhagat HOD	Minor	UGC,	Completed (2009-2011)	80,000/-
Dr. Rebecca Thombre Asst. Professor	Minor	GC-CAM	Completed (2005-2008)	6,00,000/-
	Minor	BCUD	Completed (2012-2014)	2,00,000/-
	Minor	UGC	Completed (2013-2015)	90,00,000/-
Dr. Shubhangi Puranik Asst. Professor	Minor	UGC	Completed (2009-2011)	70,000/-
Mrs. Rama Phadke Asst. Professor	Minor	BCUD	Completed	2,00,000/-
Dr. Rebecca Thombre	Major	ISRO	Completed (2013-2015)	16,04,000/-
Dr.P.P.Kanekar( CSIR Emeritus scientist)	Major	CSIR	Completed (2013-2016)	7,62,000/-

• College funded project: Mrs. Rama Phadke: Isolation and purification of lectin protein from *Jatropha curcus*. Amount funded Rs. 4,000/-.

### 18. Research Centre / facility recognized by the University

Recognized Research Centre for M.Phil. in Biotechnology.

### 19. Publications:

	Papers		Books			ons	ctor	u		
Name of the faculty	International	National	Presented in Conference	International	National	Book chapter	Total publications	Total impact factor	Total citation	h-Index
Dr. Mrs.S.V. Bhagat	2	1	9	-	-	-	14	-	-	-
Mrs. R.S. Thombre	17	9	38	-	-	8	65	13.8	43	3
Dr. Mrs.S.S. Puranik	2	3	13	-	-	-	18	-	3	1

### 4 Modern College , Pune - 5.

Mrs.R.M. Phadke	-	-	13	-	-	1	13	-	-	-
Dr. G.M. Litake	7	3	6	-	-	-	16	10.86	161	6
Mr. R.L. Dabhade	-	-	1	-	-	-	1	-	-	-
Dr. S. S. Sathaye	3	-	-	-	-	1	4	-	210	4
Dr. Sharad Goswami	-	-	2	-	-	-	2	-	-	-
Ms. Radhika Oke	4	-	2	-	-	-	5	13.8	-	-
Dr. Kanekar Pradnya	2	-	-	-	-	-	2	7.6	1254	19

- 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

B.Sc. Biotechnology: 100%

M.Sc. Biotechnology:

YEAR	% of students
2010/11	25
2011/12	33
2012-13	33
2013-14	80
2014-15	100
2015-16	100

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

M.Sc. Biotechnology:

YEAR	% of students (NCL, ARI, NIV, Serum Institute, NCCS and SPPU, Pune)
2010/11	75
2011/12	67
2012-13	67
2013-14	20
2014-15	Nil
2015-16	Nil

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

- **Dr. Puranik Shubhangi :** Recognised M.Phil. /Ph.D. guide in Zoology by Savitribai Phule Pune University
- Dr. Rebecca Thombre
- BRSI-Best Poster Award at International Conference on Bioinformatics and Biotechnology organized by Biotech Research Society of India, at Le Meridian, Pune from 25-27 November 2013.
- Best Paper Award at National Conference on e-Waste Management, PES, Modern College from 23-24 December 2013.
- Best Paper Award for paper on "Cyclodextrin glycosyl transferase" at Indian Convention of Food Scientist and Technologist (ICFOST, CFTRI, Mysore) organized by AFSTi, Yashada, Pune. (24 Feb 2012)
- Best Paper Award (Young Scientist Category) for Oral Presentation on "Nanotechnology and Cancer" at National Symposium on Life Sciences, Elphinstone College, Mumbai. (7 January 2012).

- Best Oral Presentation Award for oral paper on "Screening of alkaliphilic bacterial diversity
  of Lonar lake for industrially important cyclodextrin production at "International Conference
  on Biodiversity and its Conservation organized by Modern College, Pune , January 2011.
- Best Oral Paper Award for paper on "Studies on CGTase producing bacteria from Lonar lake" at National Seminar for women, WE-MEET organized by College of Engineering, Pune. (2010)
- Received an award, Certificate and Gold medal from Uttar Bhartiya Sangh at HV Desai College on 28th Nov 2015 for excellence in field of education.
- **Ms. Radhika Oke**: Won First Prize in poster presentation in an International conference entitled, 'Innovations in Teaching, Learning and Evaluation in higher education' organized in Modern College, Pune-05 on 29<sup>th</sup>-30<sup>th</sup> January 2016.
- **Ms. Mrunmayee Patil (F.Y. Biotech)**: Received award for overall performance in NCC (Rank-Junior Under-Officer)
- Ms. Janhavi Dave (F.Y. Biotech): Received award of 'Best Cadet of Naval NCC' (2015-16).

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

Date of Event	Name of Activity / Event	No. of Particip ants	Usefulness of Activity / Event	Other Information
21/02/2011	Lecture series on 'Career opportunities in Biotechnology'	150	Information about career opportunities	Speakers- Dr. Bikash Aich, Adv. Shreedhar Parundekar, Mrs. Soumi Dattagupta
07/02/2012	Lecture on Biofilms	130	Interaction with foreign scientist	Speakers- Dr. Susan Lang from Glassgow Caledonian University, UK
18 & 19/01/ 2013	Lecture series on 'Intellectual Property Rights-A career option for Life Sciences'	Information about career		Speakers- Adv. Ganesh Hingmire (GMGC), Adv. Shreedhar Parundekar, Mrs. Kulkarni (NCL Innovation Center)
07/09/2013	Lecture on 'Credit system implementation'	24	For faculty and PG students for implementation of newly introduced credit system for M.Sc. course	Speaker- Dr. Saroj Ghaskadbi
Feb. 2014	Lecture series on 'Advanced techniques in Genomics and Proteomics' for Life science PG students	75	Interaction with scientist Information about Mass spectrometry and Next generation sequencing	Speakers- Dr. Ashok Giri ( NCL), Mr. Sourabh Pradhan IISER
27 & 28/03/2014	Skill development workshop in PCR techniques	32	Training of T.Y.B.Sc. Botany and Zoology students	Funded by BDT STAR College
28/01/ 2015	Opportunities in National Tsing Hua University, Taiwan	200	About scholarships for higher studies in Taiwan	Prof. Yu Lin Wang and Prof. Cheng Yao Lo
10/02/2015	Scientific Writing	50	Writing project reports and scientific communication	Dr. H.V.Ghate

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

National: A national conference on 'Stem Cell Technology' was organized by Department of Biotechnology during 13-15<sup>th</sup> March 2010, sponsored by Savitribai Phule Pune University.

### 26. Student profile programme/course wise:

Name of the	Applications		Enro	lled	
Course/programme B.Sc. Biotechnology	received	Selected	M	F	Pass %
2010-11	175	42	10	32	80.95
2011-12	162	33	8	25	100
2012-13	145	54	15	39	92.00
2013-14	157	33	3	30	75.55
2014-15	145	41	8	33	98.00

Name of the	Applications		Enr	olled	
Course/programme M.Sc. Biotechnology	received	Selected	M	F	Pass %

2010-11	126	22	7	15	100
2011-12	139	26	7	19	89.00
2012-13	140	25	5	20	96.00
2013-14	133	24	5	19	100
2014-15	148	24	5	19	100
2015-16	155	23	6	17	RA

#### **27. Diversity of Students**

B.Sc. Biotechnology

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	98.31	1.69	Nil
2014-2015	96.95	3.05	Nil
2015-2016	96.21	3.79	Nil

M.Sc. Biotechnology

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	83.78	10.81	5.41
2011-2012	90.91	7.27	1.82
2012-2013	100.00	0.00	0.00
2013-2014	100.00	0.00	0.00
2014-2015	92.59	3.70	3.70
2015-2016	100.00	0.00	0.00

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

NET: 10 GATE: 20

#### **Student progression** 29.

•	
Student progression	Against% enrolled
UG to PG	99
PG to M.Phil.	-
PG to Ph.D.	10
Ph.D. to Post-Doctoral	-
Employed  Campus selection Other than campus recruitment	30 50
Entrepreneurship/Self-employment	5

#### **Details of Infrastructural facilities 30.**

- Library: Central Library facility of the college
- Internet facilities for Staff & Students: Well-equipped computer laboratory with LAN facility on 15 computers are installed for this purpose.
- Class rooms with ICT facility: Three classrooms with LCD projector facility
- Laboratories:
  - o Two UG and two PG laboratories for regular practicals and Project work
  - o Four special laboratories:
- Research laboratory
- **Animal Tissue Culture**
- Plant Tissue culture
- Bioinformatics Laboratory with Internet connection All laboratories are well equipped with latest instruments.

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

Students receiving government scholarship

Year	Total Number of Students
2010-2011	26
2011-2012	17
2012-2013	34
2013-2014	93
2014-2015	17
2015-2016	25

### Other Scholarships:

Year	Name of Student	Name of Scholarship
2010-2011	Mokshada Varma	Received scholarship from 'Malhotra Weikfield Foundation' for M.Sc. Biotechnology
2013-2014	Meenu Kuman and Elvina Joseph	Received scholarship from 'Leela Poonawala Foundation' for M.Sc. Biotechnology
2013-2014	Prachi Joshi, Sameer Sohoni and Aakankha Patil	PICC scholarship

### 32. Details of students enrichment programmes (special lecture/workshops / seminar with external experts

 Star college funded workshop based on PCR based techniques was conducted in March 2014 for T.Y.B.Sc Life Sciences students

Date of Event	Name of Activity / Event	No. of Participants	Usefulness of Activity / Event	Other Information
January. 2014	Soft skill workshop	34	Training of students for self-awareness and development	Organizer-PACEMAKERZ Group discussions and personal interviews

### 33. Teaching methods adopted to improve students learning

In addition to traditional methods of teaching,

- Interactive sessions
- Seminars
- Group discussions
- Ouiz and debates

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

• Dr. Shubhangi Puranik: NSS Programme officer, conducted health camps to improve the nutritional status of women & children of the villages.

### 35. SWOC analysis of the department and Future plans

### Strength

- Well-equipped laboratories to conduct basic as well as advanced practicals
- ICT enabled classrooms for better teaching-learning experience.
- All the members of the faculty are actively engaged in research work and have received grants from various government funding agencies.
- Preference to the department from senior scientist to run a CSIR funded project due to congenial research atmosphere and research facilities.

### Weakness

- In the present scenario, the graduates and postgraduates in biotechnology are finding it difficult to get suitable job opportunities.
- Placement activity at departmental level needs to be strengthened.

### **Opportunities**

- Good research culture in the department enables students to have better opportunities in research field.
- Placements in software development companies are also available along with biotech

companies.

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

### **Challenges**

- Higher studies and hands-ontraining are must for better job profile.
- Continuous advancement in the field needs 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**

- Skill development courses for enhancement of employability of students
- To establish research centre for Ph.D. in Biotechnology
- Submission of major research projects
- To run B.Sc. Blended course in collaboration with foreign universities

### **Departmental Activity:**

The department of biotechnology conducted many activities in the year 2015-2016. In addition to classroom teaching students of F.Y.B.Sc. to M.Sc. II were encouraged to participate in various co-curricular and extracurricular activities. The staff members of the Department were also encouraged to organize different programs for betterment of staff and students. The main program conducted by the department was "Biotech Fest 2016" from 14th to 16th January 2016.Different competitions conducted were: Best out of waste, Fuel less cooking, Debate Competition and Salad decoration. The Parent-Teacher association meeting was also conducted in this year to initiate the communication between faculty members and parents.

Another important event held on 16th Jan 2016 at the department was Alumini meet. The pass out students of M. Sc. Bitoechnology were invited to share their experiences. These students guided the current students about job profiles, interviews and current scenario about the jobs in biotechnology field.

Department of Biotechnology organized lecture series on 'Spectroscopy' by Dr. Nazma Inamdar from 29th to 31st March 2016. A lecture by Dr. Rakesh Joshi was also organized on 'Proteomics' for M.Sc .II Biotechnology students.

The achievements of staff members and students this year are as follows:

### Dr. Mrs Sangeeta Bhagat: HOD

- Research Project: BCUD research project sanctioned for the year 2014-16 "Screening of some indigenous plant species fot xanthine oxidase inhibitors Potential remedy for GOUT".
- Guided students for Avishkar competittion 2016, held in Baburao Gholap College.
- Attended 'Global Biotechnology Summit' at New Delhi on 5th and 6th February 2016.

### Rebecca Thombre

- Research Project: BCUD research project sanctioned for the year 2014-16.
- Participated in "Innovation-2015" organized by BCUD, SPPU.
- Guided students for Aavishkar Competittion 2016 held in University of Pune.
- Received an award, Certificate and Gold medal from Uttar Bhartiya Sangh at H.V. Desai College on 28th Nov. 2015 for excellence in field of education.
- Oral and Poster presentation at NHBT BRSI conference at Trivandrum, 22nd-25th Nov. 2015

### Mrs. Rama Phadke

- Research project sanction with the amount 3, 35,000/- by UGC "Study of cytotoxic potential of curcin protein from Jatropha curcas L." for the year 2015-16.
- Attended and presented a poster in "International Conference on Cancer Research, New Horizons' held at NCCS pune 19th-21st Nov .2015.
- Guided students for Avishkar comptittion 2016 held in Baburao Gholap College.
- Conducted a biodiversity visit of S.Y. and T.Y. Biotechnology students to Pashan lake, Pune in

- August 2016
- Organized a visit for undergraduate students to Someshwar Sugar Factory (Fermentation Unit) Baramati, Pune.
- Organized Biotech fest 16, in the department of Biotechnology.

### Dr. Geetanjali Litake

- Research Project: BCUD research Project sanctioned for the year 2014-16 "Evaluation of environmental dissemination of MDR- *Staphylococcus* species".
- Participated in "Innovation-2015" organized by BCUD, SPPU.
- Guided students for Aavishkar Competittion 2016 held in University of Pune.
- Worked as a member in organizing committee in national conference on 'Emotional Intelligence' by department of Psychology in Modern college of Arts, Science and Commerce.
- Participated in the two day workshop on HPTLC at Vidyapratishtan Baramati.
- Organized a visit for M.Sc.II Biotechnology students to Someshwar Sugar Factory on March 10, 2016 and at Serum Institute of India.
- Organized Biotech fest 2016 in the department of Biotechnology.

### Mr. Ravi Dabhade

- Research Project: BCUD research Project sanctioned for the year 2014-16 "Green synthesis of metal nanoparticles and their medical application".
- Participated in "Innovation-2015" organized by BCUD, SPPU.
- Guided students for Aavishkar Competittion 2016, held in University of Pune.
- Organized a visit for F.Y. Biotechnology students to Mapro foods pvt. Ltd., Wai on February 1st 2016.
- Worked as a member in organizing committee in international conference on teaching, learning and evaluation in Modern College of Arts, Science and Commerce.
- Worked as a member in organizing committee in National conference on 'Emotional Intelligence' by department of Psychology in Modern college of Arts, Science and Commerce.
- Participated in the two day workshop on HPTLC at Vidyapratishtan Baramati.
- Organized Biotech fest 2016, in the department of Biotechnology.

### Dr. Sangeeta Sathaye

- Worked as a member in organizing committee in International conference on "Innovations in teaching, learning and evaluation" in Modern College of Arts, Science and Commerce.
- Worked as a member in organizing committee in National conference on 'Emotional Intelligence' by department of Psychology in Modern college of Arts, Science and Commerce.
- Guided students for Avishkar comptittion 2016, held in Baburao Gholap College.

### 1) Dr. Sharad Goswami

- Guided students for Avishkar Comptittion 2016, held in University of Pune. (Stare Level) Round.
- Worked as a committee member for the National Conference on "Emotional Intelligence: Role in Human Life" organized by Department of Psychology by Modern college of Arts, Science & Commerce, Shivajinagar Pune from 5th -6th February 2016.
- Organized a visit for undergraduate students to Someshwar Sugar Factory (Fermentation Unit) Baramati, Pune.
- Worked as a member in organizing committee in International conference on "Innovations in teaching, learning and evaluation" in Modern College of Arts, Science and Commerce.
- Organized Biotech fest 2016 in the department of Biotechnology.
- Organized a visit for F.Y. Biotechnology students to Mapro foods Pvt. Ltd., Wai on February 1st 2016.
- Conducted a biodiversity visit of S.Y. and T.Y. Biotechnology students to Pashan lake, Pune in August 2016

#### Ms. Radhika Oke

- Compered the PTA meeting (Parent Teacher Association) of F.Y. Biotech students.
- Worked as a committee member for the National Conference on "Emotional Intelligence: Role in Human Life" organized by Department of Psychology by Modern College of Arts, Science & Commerce, Shivajinagar Pune from 5th-6th February 2016.
- Won 1st prize in poster presentation in the International conference "Innovations in Teaching, Learning and Evaluation in higher education" organized by Modern College, Pune-05 on 29th-30th January 2016.
- Organized a visit for Postgraduate students to Someshwar Sugar Factory, Baramati.
- Organized a visit for undergraduate students to Mapro Factory, Wai.

### **Other Research Achievements:**

Dr. P.P. Kanekar and Dr. S. O. Kulkarni participated in a workshop on 'Energy storage devices' held at The Institution of Engineers (India), Pune Local Centre on 5th September 2015 and presented poster paper on 'Exploring microbial product, Bacteriorhodopsin for conversion of light energy into electrical energy'. Production of BR by the haloarchaea in 1.5 L plastic container and conversion of light energy into electric potential in milivolts was also demonstrated.

### **Achievements of students:**

- Ms. Mrunmayee Patil (F.Y. Biotech) received award for overall performance in NCC (Rank-Junior Under Officer)2)
- Ms. Janhavi Dave (F.Y. Biotech) received award of 'Best Cadet of Naval NCC' (2015-16).
- M.Sc. students Ms. Sakalya Chavan and Ms. Gandhali Naiksalgaonkar qualified NET examination.
- M.Sc. students Mr. Aniruddha Bhalerao and Ms. Gandhali Naiksalgaonkar qualified GATE examination.
- Prachi Palande and Sheetal Bhosale of M.Sc II participated in 'Yuva Sanshodhak' scheme of the Research Monitoring Committee of our college.
- Aditi Lad of F.Y. B.Sc biotech participated in 'Yuva Sanshodhak' scheme of the Research Monitoring Committee of our college.
- F.Y.B.Sc.Biotech won the third prize for class wise variety programme, during
- the Annual Socail Gathering of our college.

- Dr. Mrs Sangeeta Bhagat Head

### **Department of Botany**

- 1. Name of the department: Department of Botany
- 2. Year of Establishment: UG: 1970 PG: 1994
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
  - B.Sc. (Botany as a Principal subject)
  - M.Sc. Botany (Plant Biotechnology and Angiosperm Taxonomy specializations)
  - Ph.D. in Botany

### 4. Names of Interdisciplinary courses and the departments/units involved

Since the college is affiliated to the Savitribai Phule Savitribai Phule Pune University, the department implements syllabus prescribed by the university and such interdisciplinary courses are not available in the prescribed syllabus.

A course on Environmental Awareness is compulsory for all undergraduate classes. One of the staff member works as an Assistant Coordinator for the course.

The Post Graduate Department of Botany has a compulsory course on 'Human Rights' and 'Cyber Crime' in the teaching of which the Department of Electronic Science is involved.

The courses like Biostatistics, Bioinformatics, Plant Biotechnology and Seed Technology are interdisciplinary in nature. The teaching of these courses is done with the help from the departments of Statistics, Zoology, Computer Science, Biotechnology, and Microbiology.

### 5. Annual/ semester/choice based credit system (programme wise)

B.Sc. Botany : Semester Pattern

M.Sc. Botany : Choice Based Credit System since June 2013.

Before June 2013, Semester system

### 6. Participation of the department in the courses offered by other departments

The department is involved in the conduction of a Course on Environmental Awareness, which is coordinated by the Department of Geography. Some of the staff from our department also contributes in the curriculum of the departments of Microbiology and Biotechnology.

### 7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- A skill development course on 'Biofertilizer Technology' is conducted in association with Sahyadri Biogreen, Satara (Maharashtra).
- A skill development course on 'Seed Technology' is conducted in association with Riccia Seed, Pune. The experts from this industry are visiting faculty for the said course. Apart from this, the department also invites faculty from the College of Agriculture, Pune.
- The course structure of B.Sc. Botany has a course on Medicobotany. For better teaching learning experience, we are planning to have Memorandum of Understanding with the Modern College of Pharmacy, Nigdi, Pune (Maharashtra).
- In collaboration with Multivarsity, a well-known educational organization, the department has conducted e-learning sessions for the postgraduate students of Botany.

### 8. Details of courses/programmes discontinued (if any) with reasons

The department has not discontinued any of the programmes it offers.

### 9. Number of teaching posts

	UG	UG PG		
	Sanctioned	Filled	Sanctioned	Filled
Professors	Nil	Nil	Nil	Nil
Associate Professors	02	02	Nil	Nil

**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. R.S. Zunjarrao	M.Sc., Ph.D.	Head of the Department	Cytogenetics and Plant Breeding	UG: 28 yrs PG: 22 yrs as Contributory staff	Awarded degree 01 Pursuing research 02
Dr. Mrs. N.M.Patil	M.Sc., Ph.D.	Associate Professor	Plant Physiology	UG: 24 yrs PG: 17 yrs as contributory staff	Pursuing research 03
Dr. R.B.Barmukh	M.Sc., Ph.D., SET	Assistant Professor	Cytogenetics and Plant Breeding	UG: 10 yrs PG: 9 yrs full time and 10 years as Contributory	NA
Dr. U.R.Wayase	M.Sc., M.Phil., Ph.D., NET	Assistant Professor	Plant Physiology	UG: 10 yrs PG: 10 yrs as Contributory	NA
Prof. A.P.Goggi	M.Sc., NET	Assistant Professor	Plant Physiology	UG: 04 yrs PG: 04 yrs as Contributory	NA
Prof. A.P.Kulkarni	M.Sc., NET	Assistant Professor	Plant Biotechnology	UG: 3 yrs PG: 02 yrs as contributory	NA
Prof. S. P. Salunke	M.Sc.	Assistant Professor	Angiosperm Taxonomy	UG: PG:21 yrs	NA
Dr. K.D. Gopale	M.Sc., Ph.D.	Assistant Professor	Angiosperm Taxonomy	UG: 4 yrs PG: 4 yrs	NA
Prof. R.D.Kulkarni	M.Sc., SET	Assistant Professor	Botany	UG: 3 yrs PG: 4 yrs	NA

#### 11. List of senior visiting faculty

- Dr. V.D.Ranade, Retd. Head, Department of Botany, Abasaheb Garware College, Pune.
- Dr. D. R. Shirke, Retd. Professor, Department of Botany, Savitribai Phule Pune University, Pune.
- Dr. S.D. Bonde, Retd. Scientist, Agharkar Research Institute, Pune.
- Dr. Mahesh Shindikar, Department of Environmental Science, College of Engineering, Pune.
- Mr. Shekhar Tilekar

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

B.Sc. Botany: 14% of the total workload M.Sc. Botany: 33% of the total workload

#### **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

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

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	6	6

#### **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	04	-	5	-	-

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

Number of faculty: 7 Total grants: Rs. 48,92,550/-

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

Sr. No.	Name of the faculty	Title of the project	Funding agency	Sanctioned amount (Rs)
1.	Dr. R.S.Zunjarrao (PI) Dr. R.B.Barmukh (CO-I)	Developing a digital herbarium of angiosperms of Western Ghats	UGC	9,86,750/-
2.	Dr. R.S.Zunjarrao (PI)	Ecological and life history studies of association between grouse locusts and lower cryptograms	DST	39,52,500/-
3.	Dr. Mrs. N.M.Patil	Isolation of induced mutants in linseed ( <i>Linum usitatissimum</i> ) under salt stress	UGC	12,50,800/-
4.	Dr. U.R.Wayase	Prospects of effective microorganisms in sustainable agriculture	UGC	1,20,000/-
5.	Prof. A.P.Goggi	Utilization of potential of <i>Alternanthera</i> sessilis, R.Br. – An ethanomedicinal weed	UGC	1,30,000/-
6.	Prof. A.P.Kulkarni	Antioxidant and antiprotease activity of Sonchus asper Hill.	UGC	1,25,000/-
7.	Dr. K.D.Gopale	Fatty acid profiling and molecular characterization of potential biodiesel producing microalgae from South India.	DST (SERB)	24,000,00/-
			TOTAL	89,65,050/-

### 18. Research Centre / facility recognized by the University

The Department of Botany has a Post Graduate Research Centre recognized by the Savitribai Phule Pune University since 1984. The department has a spacious and well-equipped Post Graduate Research Laboratory. Since 2013, three JRFs are working on major research projects. In the last four years, three research students were awarded the Ph.D. degree of Savitribai Phule Pune University and at present four research students are pursuing their research for the doctoral degree of Savitribai Phule Pune University.

The Post Graduate Research laboratory has following special equipment.

- HPLC
- PCR
- UV-Vis Spectrophotometer
- Microphotographyunit (Leica)
- Bomb Colorimeter

- Gel Documentation unit
- Cooling water bath
- -20 °C refrigerator
- Environmental Chamber
- Incubator shaker

### 19. Publications:

	Papers		Books			ations	factor	ion	×	
Name of the faculty	International	National	Presented in Conference	International	National	Book chapter	Total publications	Total impact factor	Total citation	h-Index
Dr. R.S. Zunjarrao	4	5	-	-	-	-	9	4.2	40	3
Dr. Mrs. N.M.Patil	9	1	-	-	-	-	10	-	25	3
Dr. R.B.Barmukh	2	-	1	-	-	-	3	0.9	73	4
Dr. U.R.Wayase	1	-	-	-	-	-	1	0.56	1	-
Prof. A.P.Kulkarni	4	-	-	-	-	-	4	0.92	40	3
Dr. K.D. Gopale	3	3	-	1	-	-	7	3.8	2	3

### 20. Areas of consultancy and income generated

- Dr. R.S.Zunjarrao, Head, Department of Botany, has developed expertise in the Plant Tissue Culture Technology since the last two decades. He has offered the consultancy to the various renowned tissue culture laboratories in and around Pune city. However, these consultancies were offered on the non-remunerative basis.
- Dr. U.R. Wayase has offered to the farmers non-remunerative consultancy on biofertilizers and their applications. He has also guided the farmers on the fruit farming of pomegranate.
- Dr. K.D.Gopale is giving a non-remunerative consultancy on the subject of biodiesel to Shirke

Biofuels, Pune, India.

• Mrs. Rasika Kulkarni is member of consulting panel of Sahyadri Biogreen, Satara on non-remunerative basis.

### 21. Faculty as members in:

### a) National committees b) International Committees c) Editorial Boards....

- Dr. R.S.Zunjarrao is a member of Boards of Editor of the Journal International Journal of Bioscience Discovery. He is also a Member of the Board of Studies in Botany, Savitribai Phule Pune University, Pune.
- Dr. Mrs. N.M.Patil is a Life Member of the Indian Society of Plant Physiologists.
- All the faculty members of UG and Prof. R.D.Kulkarni from PG are the members of Association of Teachers of Biological Sciences (ATBS).
- Prof. A.P.Kulkarni is a Life Member of Rose Society of India.

### 22. Student projects

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

All the students of M.Sc. Part II undertake a research project in the fourth semester. Thus, every year at least 24 students undertake in-house projects, that is equivalent to around 7.2% of total number of students (UG+PG) studying the subject Botany in undergraduate and postgraduate programmes.

The S.Y and T.Y.B.Sc. students have availed short duration research projects funded by Research Monitoring Committee of the college, Ignited Innovators of India, College of Engineering, Pune and college also supports students participating in Avishkar competition.

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

Up to the academic year 2013-2014, all the projects of M.Sc. Botany students were of inhouse type. However, from the academic year 2014-2015, about 60% students have undertaken the project in other institutions or industries.

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

- Dr. R.S.Zunjarao, Head of the Department of Botany and Principal of the college was awarded the Best principal Award of the Savitribai Phule Pune University in February 2014.
- Dr. R S Zunjarrao and Dr. N M Patil became recognized guides for Ph.D. degree of Savitribai Phule Pune University.
- Dr. K D Gopale was awarded for the Best Poster Presentation in the International Conference on Biodiversity and its conservation, organized by P.E. Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5, from 28th to 30th January 2011.
- Dr. N. M. Patil and Dr. K. D. Gopale were recipients of Best Poster Presentation Award in International Conference on Biodiversity and its Conservation held at Modern College of Arts, Science and Commerce in 2011.

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

- Dr. Amitabh Joshi, JNASCAR, Bangalore
- Dr. Sitaramam, Retd. Head, Department of Biotechnology, Savitribai Phule Pune University.
- Dr. S. Manchester from Natural History Museum of Florida, USA

### 25. Seminars/ Conferences/Workshops organized & the source of funding a) National b) International

The Department has successfully organized three International Conferences under the guidance of Principal Dr. R.S. Zunjarrao who was convener of these conferences.

- Dr. Mrs. Neeta Patil was an Organizing Secretary for these conferences.
- International Conference on Biodiversity and its Conservation, 28th to 30th January 2010, funded by University Grants Commission, New Delhi.
- International Conference on Business Opportunities in Life Sciences, 28th to 30th January 2012,

- funded by University Grants Commission, New Delhi.
- International Conference on Environmental Conservation by Adopting New Technologies, 28<sup>th</sup> & 29<sup>th</sup> January 2014, funded by University Grants Commission, New Delhi and National Bank for Agriculture and Rural Development (NABARD), Pune.
- Workshop details: from IQAC and DBT star college
- Workshop on Revised syllabus of T. Y. B. Sc. Botany (2010 pattern) was organized in which theory syllabus was thoroughly discussed and amended. This workshop was funded by BCUD
- Workshops on Seed Technology, Plant Tissue Culture and Microtomy were organized for undergraduate students of Botany and these workshops were funded from DBT Star College Scheme.

26. Student profile programme/course wise:

Name of the Course/programme	Applications	Coloatod	Enrolled		Dogg 0/
B.Sc.	received	Selected	*M	*F	Pass %
2010-2011	297	163	50	113	100
2011-2012	361	158	44	114	95.23
2012-2013	326	156	42	114	100
2013-2014	402	161	46	115	96.77
2014-2015	396	167	63	104	85.71
2015-2016	427	178	62	116	RA

Name of the Course/programme	Applications	Calastad	Enr	olled	Pass %
M.Sc.	received	Selected	M	F	Pass %
2010-2011	68	20	5	15	100
2011-2012	16	7	3	4	90.47
2012-2013	79	25	8	17	100
2013-2014	122	24	4	20	100
2014-2015	83	21	9	12	100
2015-2016	78	23	7	16	RA

### 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
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	0.5	0.05
2015-2016	98.59	1.19	0.22

M.Sc.

Year	% of students from % of students		% of students
	the same state	from other States	from abroad
2010-2011	84.62	11.54	3.85
2011-2012	84.62	7.69	7.69
2012-2013	100	0.00	0.00
2013-2014	100	0.00	0.00
2014-2015	100	0.00	0.00
2015-2016	100	0.00	0.00

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

NET, SET: 02 Hrishikesh Khodade and Ganesh Mankar

Defence Services: 01 Anand Pratap Singh

ICAR NET and TIFR entrance exam: Ganesh Mankar

### 29. Student progression

Student progression	Against% enrolled
UG to PG	40%
PG to M.Phil.	< 1%
PG to Ph.D.	< 1%
Ph.D. to Post-Doctoral	Nil
Employed  Campus selection Other than campus recruitment	Nil
Entrepreneurship/Self-employment	-

### 30. Details of Infrastructural facilities

- Library: Central Library of the college
- Internet facilities for Staff & Students: The department has wired as well as wireless internet facility thorugh 10 mbps leased line. The students have free access to the wired internet facility, facility of downloading the documents and printing documents.
- Class rooms with ICT facility: The classrooms used for F.Y.B.Sc, S.Y.B.Sc, and T.Y.B.Sc as well as classrooms for Post Graduate classes are equipped with LCD projectors and portable audio system.
- Laboratories: The department has three separate laboratories for UG, PG and Post Graduate Research. These laboratories are well equipped with necessary equipment and instruments.

# 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.

Academic Year	Total number of students
2010-11	59
2011-12	85
2012-13	65
2013-14	142
2014-15	169
2015-16	161

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

### The department has organized following lectures:

- Dr. H V Ghate, Head (Retd), Department of Zoology delivered a lectures on Scientific Writing to the post graduate students
- Dr. Ankur Patwardhan, Head, Department of Biodiversity delivered a lecture on 'Green Audit' on 5th February 2015.
- Dr. Pankaj Mundada from Yashwantrao Chavan College of Science, Satara has delivered a lecture on Biofertilizer Technology.
- Dr. Stevenson Manchester, Curator of Paleobotany from Florida Natural History Museum, University of Florida, US, has delivered a lecture on the subject of Palaeobotany.
- Dr. N D Bhore delivered a lecture on 20th December 2010 to the students of Botany on the subject 'Scope, Importance and Prospects in the field of Botany'.
- Dr. Sanjay Eksambekar from Phytolith Research Institute, IIT Campus, Mumbai, delivered a lecture on 'Phytolith- an emerging tool' on 14 August 2010.
- A lecture series based on the career opportunities for UG and PG students was organized on August 2010 and exhibition based on it in February 2011.

### 33. Teaching methods adopted to improve student learning

- E- learning sessions were conducted by Department of Botany in collaboration with a well-known educational organization Multiversity.
- All the faculty members use PowerPoint presentations, animations and educational videos for better teaching- learning experience.
- Students are taken to field visits and industrial visits.
- Students are exposed to participatory learning experiences by organizing various competitions like scientific model making competition, flower arrangement competition and photography competition.

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

• Labelling roadside trees with botanical names: The department has taken the initiative in

labelling the trees in the nearby areas. So far, the trees on the Modern College Road were labelled with the botanical names. This activity was extended to the trees on the Ghole Road and Apte Road.

- The faculty members from the department conducted a short-term training course for the Self Help groups in the neighbourhood communities. This course was based on the preparation of herbal cosmetics.
- All the staff members were actively involved in Indian Census activity in 2010-11
- All the staff members were actively involved in State Assembly Elections in the capacity of Presiding officers.

### 35. SWOC analysis of the department and Future plans

### Strength:

- Very effective use of ICT for enhancing the quality of teaching and learning.
- The department has well-equipped laboratories.
- A well-equipped and well established Post Graduate Research Laboratory recognized by the Savitribai Phule Pune University as a Research Center for pursuing research for Ph.D. degree
- Various high-end instruments are available in the department for research
- A well developed Digital Herbarium
- The department has a well-established Plant Tissue Culture laboratory.
- Almost all of the staff members in the department have research projects funded by UGC, DST, and BCUD etc.
- Almost all of the staff members have enhanced their qualifications in service.
- A good tradition of add-on courses

#### Weaknesses:

Placement activity at departmental level needs to be strengthened.

### **Opportunities:**

- To attract meritorious students to the subject and motivate them to take up a career in the field of Botany.
- To motivate students for pursuing research in all major areas of plant sciences.
- To improve the soft skills in the students
- Hands-on-training programmes for the students in various plant-based industries.
- To create awareness about environment related issues among the students as well as people in general through the events like 'nature walk'.
- Enhancing the quality of education, through the collaborative activity with SPPU, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

### **Challenges:**

- To motivate more students to take up career in Botany subject.
- To inculcate appropriate skills for better job opportunities
- 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:**

- More number of add on courses in collaboration with industries.
- Maximum students will be given hands-ontraining in various plant based industries.
- Industry sponsored collaborative research projects
- Publication of a research annual
- Publication of an e-brochure/ print copy brochure for better placement of the students.

### **Departmental Activity:**

Various activities were organized in the academic year 2015-2016. This year the number of students enrolled for the Botany was Std XI: 309; Std XII: 210; F.Y.B.Sc: 186; S.Y.B.Sc:117; T.Y.B. Sc: 28 and M.Sc I, II – 50. The students from Std XI to M.Sc. participated in different college and intercollegiate competitions.

- 1. Flower arrangement competition was organized under DBT star College Scheme on 23-12-2015. 60 students from F.Y.B.Sc, S.Y.B.Sc, T.Y.B.Sc B group and M.Sc Botany students participated in this event. Students made different types of flower arrangements using cultivated and wild flowers with variety of ideas. They not only enjoyed but learnt different techniques of flower arrangements.
- 2. Skill development workshop in Seed Technology conducted under DBT star College Scheme from 9/8/2015 to 26/9/2015. 25 students from T.Y.B.Sc. Botany were involved. It was practical based workshop on different aspects of seed Technology which will enable students to get an opportunity in seed industry. The workshop also involved field visit to Government Seed Testing Laboratory.
- 3. Dry Flower making and arrangement workshop from 22<sup>nd</sup>to 26<sup>th</sup> February 2016 for T Y B.Sc. Botany students. Under DBT-STAR college scheme workshop of hands-on training on dry flowers making techniques was arranged.
- 4. Photography competition Intercollegiate Photography competition was organized in association with Psychology department on the theme Emotions on 5<sup>th</sup> and 6<sup>th</sup> February. In all 150 participants were involved in the event.
- 5. Workshop on PCR (Polymerase Chain Reaction) was from 19<sup>th</sup> December 2014 to 24<sup>th</sup> December 2014 for S. Y. B.Sc. and M.Sc. Botany students. The workshop included a guest lecture followed by a demonstration of how to use micropipettes, PCR additions and PCR instrument along with various steps involved in the PCR.
- 6. Wall paper magazine activity Students from S.Y.B.Sc. and T.Y.B.Sc Botany compiled articles based on Genetic transformation, model organisms, biofuel, phytoremediation etc., for display as a part of wall paper magazine activity.
- 7. Participation of Undergraduate students in BOTANICA inter-college competition organized by Botany Department of Wadia College, Pune- More than 35 students from B.Sc. and M.Sc. participated in the competition. They received 8 gold medals, 10 Silver Medals, 14 bronze medals in different activities such as Biorangoli, Poster competition, Flower arrangement and Salad decoration.
- 8. Guest Lecture on Mushroom Cultivation was organized on 2<sup>nd</sup> September 2015. Dr. D.B. Shinde, M.Sc. (Agri) Ph.D. Mycologists, All India Coordinated Research Project on Mushroom, Pune, Centre College of Agriculture, Pune demonstrated the various techniques involved in cultivation of Mushroom.
- 9. Research Monitoring Committee **Young Sanshodhak Scheme** The Local Managing Committee and Research Monitoring Committee, together decided that funds be allocated for small research projects under the 'Young Sanshodhak Scheme' of Research Monitoring Committee. In this scheme total **fourteen** projects from **five** different departments were sanctioned. Department of Electronics, Biotechnology, Botany, Microbiology and Psychology had participated in this project scheme to promote and encourage research in students. On the eve of the Science day, 27 February 2016 the Research Monitoring Committee had organized a poster presentation of projects carried out by students under the guidance of supervisors in this scheme. The exhibition of posters was inaugurated by Dr. R.S. Zunjarrao, Principal, Prof. S. R. Chaudhari, Vice-Principal and Dr. Neeta M. Patil, Chairperson, RMC were also present for the event.
- 10. Skill development workshop in Seed Technology was conducted by Prof. Arti P Goggi during August 2015 to September 2015.

### **Study Tours and Excursion**

- 1. Botanical excursion tour was organized by the Botany Department on 15<sup>th</sup> October 2015 for F.Y. B. Sc. Botany students to Tamhini ghat for studying plant diversity.
- 2. A Botanical Excursion Tour was organized at Mahabaleshwar for the students of S. Y. B. Sc.on 23<sup>rd</sup> February 2016 for observation of Angiospermic and other plants.

- 3. A four day excursion tour was arranged at Amboli and Malvan for the students of T.Y.B.Sc. for the collection and study of marine algae from 11<sup>th</sup> to 14<sup>th</sup> January 2016.
- 4. A visit was arranged for T. Y. B. Sc. students to Seed Testing Lab, Seed processing unit was organized in January 2016.
- 5. A visit was arranged to Dive-Agar, Harihareshwar for M.Sc. II students in January 2016 to observe the algal diversity
- 6. A visit was arranged to BSI for M.Sc. I and II students in March 2016.

#### **Staff Achievements:**

### Dr. R.S. Zunjarrao

- Research project ongoing: "Optimization of Growth Rate of Potential Biodiesel Producing Microalgae.", BCUD, Savitribai Phule Pune University from 2014 – 2016, sanctioned amount: Rs. 2, 40,000/-
- Appointed as District coordinator (Pune City) to prepare National Education Policy-2015.
- Completed research project entitled "Digital herbarium" funded by UGC.
- Invited as a guest speaker at Modern High School.

### **UG Wing**

### Dr. Neeta M Patil

- Paper published titled 'Salt-Induced and Biochemical Changes in two varieties of *Linum usitatissimum* L.' in *International Journal of Current Microbiology and Applied Sciences* (2015) 4(9): 296 304.
- Paper published titled 'Comparative Qualitative Phytochemical analysis of *Sesamum indicum* L.' in *International Journal of Current Microbiology and Applied Sciences* (May-2015) Special Issue-2:172 181.

#### Dr. R.B. Barmukh

Worked as Chairman of Timetable committee One student enrolled for Ph.D.

### Dr. U.R. Wayase

### **Publications:**

- 1. Micropropagation studies in *Cocculus hirsutus* (L) Diel. International Journal of Innovative Science, Engineering & Technology, 2(8) 685-690.
- 2. QR Code: An innovative teaching learning tool. International Journal of Innovative Science, Engineering & Technology 2(7) 402-405.
- 3. Attended one day workshop on T. Y. B.Sc. Botany Revised Syllabus 2016 held on 5<sup>th</sup> December, 2015 at Abasaheb Garware College, Pune.

### Prof. Arti Goggi

- Participated and presented poster in 'International conference on Innovative methods in teaching, learning and evaluation methods' on 29<sup>th</sup> and 30<sup>th</sup> January 2016 at Modern College of Arts, Science and Commerce.
- Attended one day workshop on T. Y. B.Sc. Botany Syllabus Revision on 05 / 12/ 2015 at Abasaheb Garware College.

### **PG Wing**

### Dr. K. D. Gopale

- Presented a researcher paper entitled "Isolation and growth characteristics of biodiesel producing microalgal species isolated from South India" in National Conference on Cryptogam research in India: Progress and Prospects held at CSIR-National Botanical Research Institute, Lucknow.
- Presented a poster entitled "Effect of light emitting diode (LED) on the growth rate of Nannochloropsis and Chaetoceros: Potential source for biodiesel production" In a regional

research conference Innovation 2015.

- Invited as Guest Lecturer at Abeda Inamdar College and Modern College of Ganeshkhind Pune.
- Participated in the one day workshop on "Advances in Algal Biotechnology" organized by IIT Bombay, held on 21st November, 2015.
- Attended the workshop on 'Sensitization about Biological Diversity Act, 2002 and the Role of Academicians' organized by the Department of Botany, Savitribai Phule Pune University, Pune on 30th March 2016.
- Invited as resource person to deliver lecturer on 'Horticulture and Landscape' at Indian Railway Institutive of Civil Engineering, Pune on 6<sup>th</sup> May 2016.

### **Junior Wing**

### Prof. R.N. Ingole

He took a charge as a Supervisor of the Junior wing and guided all the activities of Junior Wing.

### Prof. Manisha Mandhare

- Resource development camp ATBS at Homi Bhabha Science Centre Mankhurd.
- Organized 'Young Chef Competition' for junior college students with IIHM Pune in collaboration with Incredible India.
- Organized 'Teacher's Chef Competition' was selected in the first 10 teachers in Pune for final round.
- Invited as a judge for 'flower arrangement competition' in Botany Department.
- Invited as a judge for 'fuel less cooking competition' in Biotechnology department
- Conducted 'Dry Flower Making Workshop' in Botany Department.
- Co-ordinator for various Competitive exams for junior college students, National Standard Exams, Science Olympiads, English and Maths Olympiads.
- Visited IISER on 15th April 2016.
- Invited as Resource person in Yashwantrao Chavan Institute Satara.
- Worked as organizing committee member in International conference on Innovative methods in teaching and evaluation methods.
- MH CET work at DMER Mumbai
- Attended the review Committee Meeting at HYAT Pune organized by NIOS Pune on 'New Policy in Education'.
- Visited Dr. Baba Amte's Anandvan, Hemalkasa and Somnath in January first week.

### Dr. R.S.Zunjarrao

Head

### **Department of Chemistry**

- 1. Name of the department: Department of Chemistry
- 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. (Chemistry),

M. Sc. (Analytical Chemistry)

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

F.Y. B.Sc. (Chemistry): Annual Pattern

S.Y. and T.Y. B.Sc. Chemistry: Semester Pattern

M.Sc. Analytical Chemistry: Semester Pattern with Choice Based Credit System

6. Participation of the department in the courses offered by other departments:

Name of the Course	Name of the Department		
Fundamentals of Chemistry	Department of Biotechnology		
	Department of Microbiology		

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

Certificate Course in Analytical techniques was conducted in collaboration with industry viz., ROSS Life Sciences, Pune.

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

Designation	Sanctioned	Filled
Professors	-	-
Associate Professors	2	2
Assistant Professors	8	7

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

Name	Qualification	Designation	Specilizatio n	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. S.R.Pokharkar (Upto 30 <sup>th</sup> September 2013)	M.Sc. M.Phil.	Ex-HOD, Associate Professor	Inorganic Chemistry	35	-
Dr.(Mrs) S. D. Joag (upto 31 <sup>st</sup> October 2015)	M. Sc, Ph. D	Ex-HOD, Associate Professor	Organic Chemistry	35	-
Dr. S. K. Ujalambkar	M. Sc. Ph. D. M.A. (Marathi) M.Com.	HOD (From 1 <sup>st</sup> Nov. 2015), Associate Professor	Physical Chemistry	33	-
Prof. H. K. Gaikwad	M.Sc , SET, NET	Assistant Professor	Organic Chemistry	16	-
Prof. S. S. Sakate	M.Sc, SET, NET	Assistant Professor	Organic Chemistry	14	-
(Mrs) P. B. Suryavanshi	M.Sc, SET, NET	Assistant Professor	Organic Chemistry	12	-
Prof. R. M. Jagtap	M.Sc, SET, NET	Assistant Professor	Organic Chemistry	08	-
Prof. L. B. Rane	M. Sc. M.Phil.	Assistant Professor	Analytical Chemistry	06	-

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Dr.(Mrs.)M. Nirgudkar	M. Sc. Ph. D.	Assistant Professor	Physical Chemistry	05	-
Prof. Tejal Dolas	M.Sc.	Assistant Professor	Organic Chemistry	04	-
Prof. A. S. Warangule*	M.Sc, NET	Assistant Professor	Organic Chemistry	02	-
Prof. M. J. Kashid	M. Sc.	Assistant Professor	Inorganic Chemistry	02	-

(\* Working in the Leave Vacancy of Prof. S.S.Sakate, who is on a sabbatical leave of UGC-FIP for pursuing Ph.D.)

### 11. List of senior visiting faculty:

Dr. P. G. Pol, Ex-HOD, Fergusson College, Pune 4.

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

UG: L: 18 % P: 12 % PG: L: 15 % P: 12 %

### 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.

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

Technical	Sanctioned	Filled
Class 3	1	1
Class 4	6	6

### 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	6	1	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:

Year	Name of the staff member	Funding agency	Amount sanctioned Rs.
2013-15	Prof. R. M. Jagtap	BCUD, Savitribai Phule Pune University, Pune 7.	2,30,000/-
2009-11	Dr. Mrs. S. D. Joag	UGC-WRO	2,00,000/-
2009-11	Prof. S.S.Sakate	UGC-WRO	2,00,000/-
2009-11	Prof. S.R. Pokharkar	BCUD-SPPU	2,50,000/-

### **18.Research Centre / facility recognized by the University:**

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

### 19. Publications:

		Papers			Books		suo	tor	s	
Name of the faculty	International	National	Presented in Conference	International	National	Book chapter	Total publications	Total impact fact	Total citations	h-index
Dr.(Mrs) S. D. Joag	2	-	1	-	-	-	3	1.12	-	-
Prof. H. K. Gaikwad	8	-	-	-	-	-	8	-	-	-
Prof. S. S. Sakate	3	-	4	-	-	3	10	•	110	5

Pro	of. R. M. Jagtap	2	-	3	-	-	-	5	5.26	-	-

### 20. Areas of consultancy and income generated: Nil

### 21. Faculty as members in

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

Dr. Sudhir Ujalambkar worked on the Editorial Board of National Conference on Chemistry organized in the college on 23<sup>rd</sup> to 25<sup>th</sup> February 2012.

### 22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: PG: 15% UG: 10%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies: PG: 05 %

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

### **Teachers**

- Dr. (Mrs) Sushama Joag reveived INSA 'Best Teacher Award' in October 2015.
- Dr. (Mrs) Sushama Joag reveived First Prize at National Competition on 'Role that chemical industry can play to enhance Chemical Education in India' organized by BASF-ICT, Mumbai in January 2011.

### **Students**

- Ms. Apoorva Bhagat' First Rank in SP Pune University at M. Sc (Analytical Chemistry) in May 2012, Ms Pratiksha Muley' 7<sup>th</sup> rank in M.Sc. (Analytical Chemistry) May, 2012.
- Ms. Amrita Yadav won Second Prize in University level 'Arnikar Lecture competition' in February 2015, First Prize in state level Ingle Lecture Competition, February 2015.
- Mrs. Sanskar Gujar received First Prize in University level Pujari Lecture Compitition, March 2015.

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

- Prof. M. S. Wadia, Ex-HOD, Department of Chemistry, SP Pune University, Pune 7.(2014)
- Prof. D. D. Dhavale, Director CIF, HOD Department of Chemistry, SP Pune University, Pune 7. (2014)
- Prof. R. S. Kusurkar, Ex-HOD, Department of Chemistry, SP Pune University, Pune 7. (2014)
- Dr. Sanjay Sonawane, Ex-Head, Analytical Division, Sai Advantium, Hinjwadi, Pune. (2010)
- Dr. Prasad Kulkarni, Sc. D., Agharkar Research Institute, Pune. (2011)
- Dr. Sourav Pal, Director, NCL, Pune.
- Dr. Prabodh Chobe, GM, BASF, Mumbai.
- Dr. Sikdar, Dy. Director, HEMRL, Pune.
- Dr. Vinay Oswal, Director, NAFARI, Pune.
- Mr. S.P.Bhagwat, General Manager, L&T, Mumbai.

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

National: National Conference on 'Perspective of Chemical Sciences' funded by BCUD, SPPU in February 2012

### 26. Student profile programme/course wise:

Name of the	Applications	pplications		Enrolled		
Course/programme B.Sc. Chemistry	received	Selected	M	F	Pass %	
2010-2011	297	207	96	111	-	
2011-2012	361	269	111	158	-	
2012-2013	326	271	99	172	-	

2013-2014	402	287	108	179	65.78
2014-2015	396	252	120	132	70.58
2015-2016	427	282	116	166	RA

Name of the	Applications		Enro	lled	
Course/programme M.Sc. Chemistry	received	Selected	M	F	Pass %
2010-2011	54	33	8	25	47.22
2011-2012	48	33	17	16	40
2012-2013	68	40	17	23	46.66
2013-2014	75	49	36	13	66.66
2014-2015	81	43	29	14	66.66
2015-2016	89	47	29	10	RA

### **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
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	0.5	0.05
2015-2016	98.59	1.19	0.22

M.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	98.63	1.37	0.00
2011-2012	98.80	1.20	0.00
2012-2013	100.00	0.00	0.00
2013-2014	98.94	1.06	0.00
2014-2015	100.00	0.00	0.00
2015-2016	100.00	0.00	0.00

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

### **29.Student progression:**

Student progression	Against % enrolled
UG to PG	40-50%
PG to M.Phil.	-
PG to Ph.D.	2-3%
Ph.D. to Post-Doctoral	-
<ul><li>Employed</li><li>Campus selection</li><li>Other than campus recruitment</li></ul>	2-3% 10%
Entrepreneurship/Self-employment	-

### **30.Details of Infrastructural facilities:**

- Library : Central Library and Departmental Library.
- Internet facilities for Staff & Students : 6 computers with 10 mbps leased line internet

connection and Wi-Fi.

• Class rooms with ICT facility: Yes

Laboratories:

o Sr. General Laboratory: 01

o L. H. Gadgil Instrumental and Physical Lab.: 01

P. G. Laboratory: 01Research Laboratory: 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	59
2011-12	80
2012-13	72
2013-14	147
2014-15	185
2015-16	179

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

Special Lectures by External Experts:

Date	Topic
23/02/2012	<ol> <li>Chemistry in shaping materials for the future</li> <li>Dr. Saurav Pal, Director, NCL, Pune.</li> <li>Career opportunities in chemical Industry</li> <li>Dr. Prabodh Chobe, Senior G. M., BASF, Mumbai.</li> </ol>
24/2/12	<ul><li>3. High Energy Materials, Science &amp; Scope,</li><li>Dr. A. K. Sikder, Dy Director, HEMRL, Pune.</li></ul>
25/2/12	<ul><li>4. Development and Application of NAA</li><li>- Dr. R. N. Acharya, Scientist 'F', BARC, Mumbai.</li></ul>
11/2/14	<ul><li>5. NMR spectroscopy</li><li>Prof. Dr. D. D. Dhavale, HOD, Dept. of Chemistry, SPPU.</li></ul>
12/2/14	<ul><li>6. C-13 NMR Spectroscopy</li><li>Prof. Dr. R. S. Kusurkar, Emeritus scientist, SPPU.</li></ul>
13/2/14	<ul><li>7. Mass Spectroscopy</li><li>Prof. Dr. M. S. Wadia, Emeritus Professor, SPPU.</li></ul>

- Certificate Course in Analytical Techniques (in collaboration with Ross Life Science Pvt Ltd) 27<sup>th</sup> to 30<sup>th</sup> March 2012.
- A training course in 'Chemical Based Product Preparation' is conducted every year

### 33. Teaching methods adopted to improve student learning:

- Use of effective pedagogy methods
- Use of molecular-crystal models
- Charts
- Use of LCD projectors
- Group Discussion
- Students Seminar

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

- Staff members of the department contribute substantially in the ISR in the capacity of Ex-Chairman (Student Welfare), Co-ordinator (NSS), Advisor (Art Circle), and Co-ordinator (Chem-Modern Competition).
- Staff members are also involved in number of extension activities such as Chemiad exam of

SPPU, Science Talent Exam of HBSCE, NNT Programme of MKCL, Teacher's Training programmes of Exploratory Science center, Science Park of SPPU, invited talks on science related topics in various institutions.

Dr. S.K.Ujambkar has worked as a Coordinator of Summar Training/Refresher Course for college and university teachers.

### 35. SWOC analysis of the department and Future plans:

### Strength:

- Good infrastructure
- Experienced, research oriented and enthusiastic staff

#### Weaknesses:

- Constraint of occasional dependence on temporary staff (CHB)
- Placement activity at departmental level needs to be strengthened.

### **Opportunities:**

- Higher studies in chemistry as well as job opportunities due to the availability of central research institutes like NCL, and chemical industries in around Pune.
- Enhancing the quality of education, through the collaborative activity with SPPU, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

### **Challenges:**

- Paucity of career oriented teachers to teach Chemistry at UG and PG level
- 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:**

- Research Centre recognized by the Savitribai Phule Pune University.
- Laboratories with improved infrastructure.
- CCTV camera system in all the laboratories
- E-brochure for better placement of the students.
- More add-on courses.

### **Departmental Activity:-**

Chemistry Department is one of the big departments in the college having about one thousand junior wing students, five hundred U.G. students and hundred P.G. students studying under its umbrella with the help of about forty full time and visiting teaching and non teaching staff.

**Dr. (Mrs) S. D. Joag**, after completing her service of thirty three years in this college with the last one year as the Head of this department retired on 31st October 2016. The department was benefited during her tenure by her sound knowledge in the subject and meticulous administration. The college authorities appointed Dr. S. K. Ujlambkar on 1st November 2016 to shoulder the responsibility as the Head.

### **Activities of the department:**

### **CHEM-MODERN COMPETITIONS:**

### A. Chemistry Quiz Competition: (12th Feb. 2016)

Organizers: Prof. (Dr.) Manisha Nigudkar, Prof. Manisha Kashid.

The 'CHEM-MODERN QUIZ' competition was held by the department of Chemistry on 12th February 2016. Two participants from each year were selected on the basis of their academic performance i.e. F. Y. B. Sc, S. Y. B. Sc, T. Y. B. Sc, M. Sc I and M. Sc II. Total five teams comprising seven students each participated in this event.

The Winners were **P. C. Ray team**:

Mr. Gaurav Tiwari (F. Y. B. Sc, Div. A), Ms. Dhanashree Gaikwad (F. Y. B. Sc, Div. B), Mr. Payal Gurav (S. Y. B. Sc, Div. A), Mrs. Pranali Kadam (S. Y. B. Sc, Div. B), Mrs. Sayali Malusare (T. Y. B. Sc), Mr. Mayur Shelke (M. Sc I), Mrs. Ashwini Sherikar (M. Sc II).

### B. Chemistry Poster Competition: (13th Feb. 2016)

Organizers: Prof. A. S. Warangule, Prof. Nilesh Tapkeer.

The 'CHEM-MODERN POSTER' competition was held by Department of Chemistry on 13<sup>th</sup> February 2016. Total 24 UG and only one PG poster were displayed by the students.

Themes given for the posters preparations were as follows:

- Drug Development
- Fuel and Renewable fuel sources
- Catalysis
- Forensic Analysis
- Natural Products
- Bioremediation
- Nuclear Chemistry
- Explosives
- Modern Analytical Techniques

Examiners: **Prof. (Dr) Milind Nikalaje, Prof. N. R. Dhatrak** (Department of Chemistry, S. P. Pune University)

Results

### **U. G. Section:**

1st Prize: Mr. Sarang Sarwade (S. Y. B. Sc) and Mr. Kishor Raut (T. Y. B. Sc)

**2<sup>nd</sup> Prize:** Mr. Tushar Wagh and Mr. Vitthal Kumbhar (T. Y. B. Sc)

3<sup>rd</sup> Prize: Ms. Kajal Kedari (T.Y. B. Sc) and Ms. Pranali Kadam (S. Y. B. Sc)

#### P.G. Section:

1st Prize Ms. Payal Pawar, Mr. Amar Suryawanshi, Mr. Pandurang Dalvi (M. Sc. I)

C. Chemistry Exhibition Competition: (13st Feb. 2016)

**Organizing Committee:** Prof. (Mrs) Lalita Rane, Prof. (Ms). Tejal Dolas.

The 'CHEM-MODERN EXHIBIT' competition was held by Department of Chemistry on 13<sup>th</sup> February 2016. Total 35 UG and 03 PG students participated in this competition. The topics given for this competition were as follows:

Total Participation : **UG -**21, exhibits (**UG -**15, **PG-**06).

Examiners : **Prof. (Dr) Milind Nikalaje, Prof. N. R. Dhatrak** 

(Department of Chemistry, S. P. Pune University)

Results:

### **UG Section**

### 1st Prize:

Ms. Ananya Pisal, Sumaiyya Sutar (F. Y. B. Sc. Div.A) and

Ms. Shukla Minal, Ms. Sayali Malusare, Ms. Shiva Kumari, Ms. Ashlesha Nimbalkar, Ms. Mamta Chejara (T. Y. B. Sc)

### 2<sup>nd</sup> Prize:

Ms. Pradnya Gaikwad, Ms. Apeksha Kambale, Ms. Swapnali Kadam, Ms. Sayali Kadam, Ms. Sana Tamboli (T. Y. B. Sc) and Ms. Priyanka Lagad, Ms. Manish Nirphal, Ms. Savita Lonkar, Ms. Savita Kamthe (T. Y. B. Sc).

### 3rd Prize:

Ms. Kajal Kedari, Ms. Ankita Kohkade, Ms. Monali Borhade, Ms. Deepali Vidhate, Ms. Sushma Gholap (T. Y. B. Sc) and Ms. Pranali Kadam, Ms. Sameeksha Shrikhande, Ms. Vijaya Kasurde, Ms. Suchita Sakure (S. Y. B. Sc, Div - B).

#### PG Section

1st Prize: Mr. Prashant Rithe (M. Sc II) and Mr. James Manikam, Mr. Shubham Kolekar (M. Sc I).

2<sup>nd</sup> Prize: Mr. Prakash Dawane, Mr. Praveen More, Mr. Aakash Khawale (M. Sc I).

3<sup>rd</sup> Prize: Ms. Kiran Gawate, Ms. Manasi Sabane (M. Sc I).

### D. Chemistry Essay Competition: (15thFeb. 2016)

### Organizer: Prof. R. M. Jagtap

The 'CHEM-MODERN ESSAY' competition was held by Department of Chemistry on 15<sup>th</sup> February 2016. Total 35 UG and 03 PG students participated in this competition. The topics given for this competition were as follows,

Chemistry in day to day life

Green Chemistry

Catalysis

Nobel Laureates in Chemistry

### Results:

### **UG Section:**

1st Prize: Mr. Dhanraj More (T. Y. B. Sc Chemistry)

2<sup>nd</sup> Prize: Ms. Sonam Parihar (S. Y. B. Sc, Div. A)

3rd Prize: Ms. Reshma Kadam (S. Y. B. Sc, Div. B)

### **PG Section:**

1<sup>st</sup> Prize: Mr. Amar Suryawanshi 2<sup>nd</sup> Prize: Ms. Payal Pawar 3<sup>rd</sup> Prize: Mr. Abhijeet Bandgar

### LECTURE COMPETITIONS:

The PG students from M. Sc. II (Analytical Chemistry) participated in various PG Lecture competitions organized by Department of Chemistry S. P. Pune University and various colleges affiliated to S. P. Pune University. The students who succeeded in these various competitions were as follows:

				<u>,                                    </u>		
			1 <sup>st</sup>	'H. J. Arnikar Lecture Competition' organized		
			Consolation	by Department of Chemistry, SP Pune		
			Prize	University, Pune on 13th Feb. 2016.		
	Ms.		2 <sup>nd</sup> Prize	<b>'Late Prof. R. J. Gandhi Lecture Competition'</b> organized by T. C. College, Baramati, on 22 <sup>nd</sup> Feb. 2016.		
i.	Yasmeen M.Sc. II Momin		Participation	<b>'Dr. M. J. Pujari Lecture Competition'</b> organized by Abasaheb Garware College, Pune on 27 <sup>th</sup> Feb. 2016.		
			Participation	<b>'Dr. T. R. Ingale Lecture Competition'</b> organized by S. P. College, Pune on 11 <sup>th</sup> March 2016.		
			Participation	<b>'H. J. Arnikar Lecture Competition'</b> organize by Department of Chemistry, SP Pun University, Pune on 13 <sup>th</sup> Feb. 2016.		
ii.	Ms.		1 <sup>st</sup> Prize	<b>'Late Prof. R. J. Gandhi Lecture Competition'</b> organized by T. C. College, Baramati on 22 <sup>nd</sup> Feb. 2016.		
11.	ii. <b>Jaylaxmi</b> <b>Swami</b>	M.Sc. II	Participation	<b>'Dr. M. J. Pujari Lecture Competition'</b> organized by Abasaheb Garware College, Pune on 27 <sup>th</sup> Feb. 2016.		
			2 <sup>nd</sup> Prize	<b>'Dr. T. R. Ingale Lecture Competition'</b> organized by S. P. College, Pune on 11 <sup>th</sup> March 2016.		
iii.	Mr. Amar Suryavanshi	M.Sc. II	2 <sup>nd</sup> Prize	<b>'Dr. B. P. Hivale Lecture Competition'</b> held at Ahmednagar College, Ahmednagar (M.S.) on		

				27th Feb. 2016.
iv.	Ms. Payal Pawar	M.Sc. II	1 <sup>st</sup> Consolation Prize	<b>'Dr. B. P. Hivale Lecture Competition'</b> held at Ahmednagar College, Ahmednagar (M.S.) on 27 <sup>th</sup> Feb. 2016.

The guidance provided by **Prof. R. M. Jagtap** to the all participants was very valuable.

### 2. EDUCATIONAL/INDUSTRIAL VISITS:

### (i) Industrial Visit to Syngenta India Ltd, Goa on 24th Jan. 2016

Organizer: Prof. R. M. Jagtap

No. of students participated: 38 students from M. Sc. I & II.

Accompanying teachers: Prof. A. S. Warangule and Prof. Prachi Joshi.

### (ii) Industrial Visit to Avanti Polymoulds Pvt. Ltd. Nanded Phata, Pune on 9th Oct. 2016.

Organizer: Prof. (Mrs.) Lalita Rane

No of students participated: 38 students from M. Sc. I & II. Accompanying teacher: Prof. (Dr.) Manisha Nigudkar

#### 3. ACTIVITIES OF STAFF MEMBERS:

### Dr. S. K. Ujalambkar

### • Workshops on preparation of 'Perfumes and Household Chemical Products'.

- i. S. M. Joshi College, Hadapsar, Pune- 28 (7th January 2016, 11 am to 1 pm).
- ii. Modern College of ASC, Pune- 5 (4th February 2016, 10 am to 2 pm).
- iii. Indian Women Scientists Association, Pune (8th March 2016)

### • Chemistry Guidance Lectures

- i. Modern English Medium High School, Warje, Pune (8th to 12th Sept. 2015)
- ii. Modern English Medium High School, Shivajinagar (20th to 25th September 2015)

### • Popular Lectures on Autobiography of Dr. APJ Abdul Kalam

- i. N.S.S. students of Modern College of ASC, Pune- 5 (14th October 2015)
- ii. Modern English Medium School, Pune- 5 (15th October 2015)
- iii. Modern English Medium High School, Pune- 5 (15th October 2015)
- iv. Modern College of Physiotherapy, Pune (15th October 2015)
- v. N.S.S. camp of Junior College wing MCASC, Pune 5 at Phulgaon (12 December 2015)
- vi. N.S.S. camp of Senior College wing MCASC, Pune- 5 at Phulgaon (18 December 2015)
- vii. Science Association Lecture for Science students of MCASC, Pune 5(09 January 2016).
- Organized a get together function for retired Chemistry Teaching and non Teaching staff on 31st December 2015.
- Organized a guest lecture by Dr. Suresh Naik (Ex. Scientist, ISRO) on 'Mangal Yan Expedition and opportunities in ISRO' on Science day, 29th February 2016.

### Prof. R. M. Jagtap

- Published an International research paper in **Journal of Sulfur Chemistry** entitled, 'Crystal Structure, Computational Studies and stereoselectivity in the synthesis of 2-aryl thiazolidine-4-carboxylic acids via in situ imine intermediate' (Publisher: Taylor and Francis, DOI.org/10.1080/17415993.2016.1156116).
- Published an International research paper in **Journal of Nanoengineering and Nanomanufacturing** entitled, 'Solar Photo catalytic Degradation of 2, 4-dichloroindophenol by La-ZnO Nanocrystallites' (Publisher: American Scientific Publisher, Vol, pp 1-6, 2015).
- Presented a paper as a poster presentation 'X-ray crystal structure and anticancer activity of (2S/2R,4R)-3-(tertbutoxycarbonyl)-2-(2-hydroxyphenyl)-thiazolidine-4-carboxylic acids' at ICC Annual Conference held at Uka Tarsadia University, Bardoli, Gujarat on 26<sup>th</sup> to 28<sup>th</sup> Dec. 2015
- Presented a research poster at 'Innovation 2016' entitled 'Synthesis and Biological activities of 2-aryl thiazolidine-4-carboxylic acids and their ester derivatives as novel antimicrobial

agents' held at Sahkar Maharshi Bhausaheb Santuji Thorat College Sangamner-422605 on 4th July 2015.

- Completed a minor research project of **Rs. 2.3 lakhs** funded by BCUD, Savitribai Phule Pune University.
- Guided two M. Sc (Analytical Chemistry) students for 'AVISHKAR-2016' Research Competition at University level organized by B.R. Gholap College, Pune on 6th October 2015.
- Guided four M. Sc II (Analytical Chemistry) students for their M. Sc Research Projects.
- Co-ordinated 'Chem-Modern Essay Competition' organized by Department of Chemistry, Modern College of Arts, Science and Commerce, Pune 5 on 15th Feb. 2016.
- Co-ordinated 'Chemiad Competition' organized by Department of Chemistry, Savitribai Phule Pune University on 7th February 2016 for F. Y. B. Sc (Chemistry) students.
- Co-ordinated 'State Level Science Talent Search Examination' organized by Balbheem College, Beed on 7th February 2016 for UG students.
- Guided four M. Sc II (Analytical Chemistry) students for P.G. lecture competitions organized by various colleges and SP Pune University. Total six prizes were won by the PG students.
- Delivered a guest lecture on Pericyclic Chemistry at 'Chemistry Lecture Series' organized by S. M. Joshi College, Hadapsar on 22th October 2015.

### **Prof. A. S. Warangule**

- Co-ordinated 'State Level Science Talent Search Examination' organized by Balbheem College, Beed on 7th February 2016 for UG students.
- Co-ordinated 'Chemiad Competition' organized by Department of Chemistry, Savitribai Phule Pune University on 7th February 2016 for F. Y. B. Sc (Chemistry) students.

Dr S. K. Ujalambkar Head

### **Department of Commerce**

- 1. Name of the department :Department of Commerce
- 2. 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 / choice based credit system (Programme wise):

B.Com.: Annual Pattern

M.Com.: Semester Pattern with Choice Based Credit system

- 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	35	8
Dr. S. K. Rahane	M. Com., M. Phil.,Ph. D., M. A. (Psychology - Counseling)	Associate Professor	Advanced Accounting, Costing	33	4
Dr. A. V. Kamble	M. Com., M. Phil., Ph. D.	Associate Professor	Advanced Accounting & Auditing	29	4
Prof. S. J. Ahiwale*	M. Com., M.A. (Eco), M. Phil.	Associate Professor	Advanced Accounting	26	-
Dr. R. W. Kulkarni	M. Com., F.C.M.A., M. Phil, M.M.S., Ph.D.	Associate Professor	Advanced Costing	32	-
Dr. V. N. Gaikwad	M. Com., SET, Ph.D.	Associate Professor	Advanced Accounting	23	-
Prof. A. V. Desai	M. Com., SET	Associate Professor	Marketing and Corporate Law	20	-
Prof. S. R. Hirve	M. Com., SET	Assistant Professor	Advanced Accounting, Costing	11	-
Prof. R. D. Bansode*	M.Com., D.T.L.,	Assistant	Advanced	15	-

	G.D.C.& A., NET	Professor	Accounting		
Prof. R. D. Jadhav	M. Com., NET	Assistant Professor	Advanced Accounting and Taxation	04	-
Prof. R. Y. Deshpande	M. Com., M. B. A., LL.M., NET	Assistant Professor (Part time)	Mercantile Law	31	-
Prof.Rasika Date	M. Com., SET., A.C.A.	Assistant Professor (Part time)	Advanced Accounting & Auditing	21	-
Prof. Amol Nikale	M.Com., SET.	Assistant Professor	Advanced Accounting & Auditing	01	-

(\* Presently on Sabatical Leave as per UGC-FIP, for pursuing Ph.D.)

### 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:

Prof. Rasika Date has received a Minor Research Project entitled 'Gender Audit of Educational Institutions – A Case Study of Select Deemed Universities in Pune' from BCUD, SPPU, Pune-7, for the period 2014-16. The funds sanctioned are Rs. 90,000/-

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

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

### 19. Publications:

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

- Monographs published by the department:
  - o Monograph on New Companies Act, 2013. (Published in February, 2014)
  - Monograph on GST(Published in February, 2015)

### 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 Savitribai Phule 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	A Study impact of Levy of Income Tax	S.Y.B.Com	Prof. Rasika Date
	Sagar Shah	on selected Urban Co-operative		
		Ranks in Pune District		

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

#### **YEAR 2011-12**

Sr.	Name of The	Title of Project	Class	Name of The
No.	Student			Guide
1	Ms. Shruti	A study of ATM facility provided	T.Y.B.Com.	Prof. Rasika Date
	Nadagouda	by Urban Co-operative Banks in		
		Pune city area		
2	Tushar R. Gujarathi	A study of Educational loans given	S.Y.B.Com.	Dr. Sanjeevani
	Vikram U. Gawade	by various banks in Pune city		Rahane
3*	Gaurav Tyagi	A study of Information Technology	T.Y.B.Com.	Prof. Rasika Date
		based customer services provided		
		by selected Urban Co-operative		
		Banks in Pune city area.		

<sup>\*</sup> This project was selected at University Level *Avishkar*.

#### **YEAR 2012-13**

Sr. No.	Name of The Student	Title of Project	Class	Name of The Guide
1	Shilpa Raju*	An Analytical Study of Disputed Statutory dues of select companies	T.Y.B.Com.	Prof. Rasika Date
2	Darshan Shah	Behavioural Finance	T.Y.B.Com.	Prof. Rasika Date

<sup>\*</sup>This project was selected for State Level Avishkar.

### **YEAR 2013-14**

Sr. No.	Name of The Student	Title of Project	Class	Name of The Guide	
1*	Ms. Khandve Neha Ms. Gothe Amruta	A Study of Impact of Local Body Tax (LBT)	T.Y.B.Com.	Prof. Date	Rasika

<sup>\*</sup> This project was selected for University Level *Avishkar*.

### YEAR 2014-15

1 LAK 2014-13						
Sr. No.	Name of The	Title of Project	Class	Name of The		

1*	Ms. Ekta Bhosale Ms Kajal Mokal	Using Smart Phone Smartly	M.Com	Prof. Rasika Date
2*	Ms. Neha Khandve Ms. Bhakti Wagh	Fire Safety Audit- The need of the hour	M.Com	Prof. Rasika Date

<sup>\*</sup> This project was selected for University Level Avishkar.

### YEAR 2015-16

Prof. Rasika Date represented Savitribai Phule Pune University at the Tenth State Level Research Convention 'Avishkar 2016' in Commerce category at Post-PG level.

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

- Dr. S. K. Rahane: 'Best Teacher Award' by the Progressive Education Society, Pune.
- Mr. Vikram Gawde (2012-13) and Miss Mrinalini Chaturvedi (2013-14) were recipients of the 'Best Student Award' by the college.

### 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, SPPU, 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 11 <sup>th</sup> Oct., 2010	Revision of syllabi for T.Y.B.Com.
2010-11	State Level Seminar on 11 <sup>th</sup> and 12 <sup>th</sup> March 2011	Implementation of the International Financial Reporting Standards (IFRS)
2011-12	One Day Seminar on 19th Jan., 2012	Recent Amendments in Cost Accounting Records Rules and Cost Audit
2012-13	National Level Seminar on 23 <sup>rd</sup> and 24 <sup>th</sup> March, 2013	Emerging Trends in Indian Commerce and Industry
2013-14	One Day Seminar on 21st Feb., 2014	New Companies Act, 2013

### 27. Students profile (programme/course wise):

UG:

Name of the Applications			Enrolled		
programme B.Com.	received	Selected	M	F	Pass %
2010- 2011	2000	441	209	232	86.00
2011-2012	1991	517	228	289	78.50
2012-2013	2498	473	206	267	71.39
2013-2014	1052	482	218	264	71.17
2014-2015	2284	500	206	294	67.67
2015-2016	2015	563	233	330	RA

PG:

Name of the	Applications	Calcatad	Enrolled		Pass %
programme M.Com.	received	Selected	M	F	F 488 70
2010- 2011	260	61	21	40	45.00
2011-2012	288	58	35	23	81.00
2012-2013	298	57	30	27	47.40
2013-2014	310	63	20	43	52.00
2014-2015	395	58	25	33	47.00
2015-2016	427	57	17	40	RA

### 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	

2011-2012	99.9	0.1	Nil
2012-2013	99.92	0.08	Nil
2013-2014	99.91	0.09	Nil
2014-2015	99.67	0.33	Nil
2015-2016	99.69	0.22	0.08

#### 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
2011-2012	99.09	0.91	0.00
2012-2013	98.99	0.00	1.01
2013-2014	100.00	0.00	0.00
2014-2015	100.00	0.00	0.00
2015-2016	100.00	0.00	0.00

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 <i>Vyapar Mela</i> , 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
2011-12	114
2012-13	164
2013-14	233
2014-15	314
2015-16	427

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

- o A course on Tally
- o A course on *Modi* script
- Skill Development Workshops on:

- Accounting and Finance
- o E-Tax Accounting
- Stock Trading
- o 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
- A Guest Lecture was organized on Union Budget-2016. The speaker was C.A. Chandrashekhar Chitale, Pune.

## 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 SPPU.
- Five members have completed Ph. D. and two members have registered for Ph. D. and registration of 5 members is in process.
- The Department provides Skill Development Courses: 'Certificate Course in Computerized Accounting, Workshop on Accounting and Finance, *Modi* language, Skill Development Programme, E- Tax Accounting, Introduction to Stock Trading, introduction to Graphology.
- 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 SPPU. 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.

## **Department of Commerce**

#### **Academic Results:**

The result of B. Com. Examination held in April, 2015 was 91.46% The result of M. Com (2013 Pattern) Examination held in May 2015 was 47%

## **Faculty Development Activities**

During the year, the department conducted following activities

- **a)** Three days Training on 'Using MS Excel 2007 Advanced Options'. CA Kakatkar was the expert for the course.
- **b)** One Day Training on 'How to prepare an Effective Presentation using MS Power-point 2007' conducted by Dr. Yashodhan Mithare
- **c)** Guidance on 'Writing a Research Paper' by Dr. Sanjay Kaptan, Head Department of Commerce, SPPU, Pune.

## **Student Development Activities**

## a) Vyapar Mela:

'VYPAR MELA-2016, a commercial get together was organized on 2nd and 3rd February, 2016. The objective of this event was to inculcate entrepreneurial skills among college students. Students from various faculties of our college along with students from various colleges from Pune city also participated in Vyapar Mela-2016. Mr. D. S. Kulkarni; Pune based successful entrepreneur and well known industrialist inaugurated the event. Principal Dr. R.S. Zunjarrao chaired the inaugural session and Prof. Shamkant Deshmukh, Secretary P.E. Society, Pune also was present on this occasion.

There were 70 stalls wherein variety of the items of products and services were showcased for the presentation and sale for the participants. Few titles of the stalls include

- 1. Self Made items
- 2. Tradable items like readymade garments, Electronics etc.
- 3. Exhibition-cum-sale of hobby items Nursery Plants, Books, Photography, Painting, Tattoos, Mehendi, etc.

This activity was funded by Students' Welfare Board of Savitribai Phule Pune University and was found to be instrumental in developing entrepreneurial skills, abilities and traits among college youth.

Mr. D. S. Kulkarni, (Managing Director, D.S.K. Ltd.) delivered a motivational speech by quoting his personal experiences as an entrepreneur. Students' developed the sense of responsibility by participating in this activity. It also helped in nurturing business values such as Team Spirit, Leadership, Marketing and Communication skills.

## b) Guest Lecture on Union Budget 2016-17

The Department had organized a guest lecture on Union Budget 2016-17 on 3rd March,

2016. The lecture was delivered by renowned Chartered Accountant CA Chandrasekhar Chitale.

This lecture was mainly organized for the students of T.Y. B.Com to understand the new provisions, amendments in various acts like; Income Tax, Excise Duty and Value Added Tax, Minimum Alternative Tax, etc.

In his lecture, CA Chitale had covered social, economic and political aspects of Union budget. He explained the new provisions, its impact on other areas, some other important policies of Union Government like; LPG subsidy policy, Women's Policy, etc. His lecture was informative and highly beneficial to the students. He also explained the financial position of Public Sector Banks.

## c) Project Competition on Entrepreneurship

A Project Competition was organised by Dr. A.V. Kamble on Autobiographies of Successful Entrepreneurs like Azim Premji, Narayan Murti, and B.G. Shirke.

## d) A course on Tally ERP 9/ Computerised Accounting

This course is conducted in the academic year 2015-16 for B.Com. students. The duration of the course was two months. In this course various lecturers delivered lectures on Computerised Accounting. 20 students participated in this course.

Name of the Coordinators – Dr. Vijay Gaikwad and Prof. Rahul Jadhav Name of the Lecturers – Prof. Nikale A.N, Prof. Sabne P.N.

#### **Research Centre in Commerce**

Research Centre in Commerce, in its eight years of affiliation, has seven **guides** associated with the centre and **twelve research scholars** pursuing their Ph. D.

During the year Ms. Veena Kale has been awarded Ph.D. by Savitribai Phule Pune University while two students have submitted their thesis for evaluation.

In the academic year 2015-16, **seven students** registered at the centre, namely Ms. Rasika Date, Mrs. Shraddha Hirwe, Mrs. Reshma Gawali, Ms. Hemlata Chandorkar, Mr. Hemant Bhise, Mr. Narayan Sakate and Mr. Nilesh Waghmare

Dr. Vijay Gaikwad is working as the Co-ordinator for the Research Centre in Commerce.

#### Achievements of staff:

### Papers presented by faculty

#### **Prof. Shraddha Hirwe**

- i. 'Green Initiatives of Selected Public and Private Sector Banks in India: A Comparative Study' at the **State Level Seminar** on 'Recent Developments in Indian Banking Sector' at Kaveri College of Commerce, Pune, on 23rd January, 2016.
- ii. 'Green banking A tool of Sustainable Development for Indian Banks.' at the **National Conference** on 'Exploring Contemporary Trends in Social Sciences' at Sir Parashurambhau College, Pune, on 7th and 8th March,2016.

#### Staff members availing FIP

During the year, two staff members from the Department viz. Prof. Swati Ahiwale and Prof. Rupesh Bansode availed leave under the Faculty Improvement Programme (FIP) for pursuing their Doctoral Research.

#### Other achievements

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

**Resource person** at following programmes-

 Refresher Course in Commerce, organized by Savitribai Phule Pune University, Pune, October 2015.

- Course Work for Ph. D. in Commerce, organized by Department of Commerce, Savitribai Phule Pune University, Pune, June 2015.
- Seminar, organized by S.N.D.T. College, Pune, January 2016.

## 2) Dr. Sanjeevani. K. Rahane

- Conducted workshop under VAP (Vidyarthini Aarogya Prabodhan) programme organised by Health Centre – SPPU at Sarhad College, Pune on the topic 'Stress Management.'
- Was invited as a Key Note Speaker at The National Seminar on 'Marketing Past, Present and Future', at VIM's College of Commerce, Pune.

## 3) Dr. Ashok V. Kamble

- Invited as subject expert for Ph.D. Pre-Registration presentation by Garware College of Commerce, Pune.
- Appointed as V.C. nominee for conducting Ph.D. candidates' interviews in Ness-Wadia College, Pune and in Ahmednagar College.
- Invited as a Guest Speaker in Arts, Commerce&Science college for U.G. & P.G students on the subject 'Entrepreneurship as a Career'.
- Invited as a Chief Guest for inauguration of Modern presentation week for B.B.A. and B.C.A. students in the Computer & Business Studies Center, Shivajinagar, Pune.
- Invited as a judge in the North Maharashtra University Campus Level Research Convention Avishkar -2015 for evaluation of Posters / Models presented by U.G. and P.G. students.
- Invited as an Observer for evaluating research projects of Avishkar -2015-Zonal Research competition organized by Savitribai Phule Pune University.
- Invited as a Guest Speaker on the subject 'Foreign Direct Investment' by Bharati Vidyapeeth University's Y.M. College, Pune.

## 4) Prof. Swati J. Ahiwale

Attended one day seminar on 'Corporate Social Responsibility'under Faculty Development Programme ,organized by Poona College on 1st February 2016.

## 5) Dr. Vijay N. Gaikwad

- Appointed and successfully worked as co-ordinator of Practical Examination of S.Y.B.Com, March- April, 2016 for Savitribai Phule Pune University, Pune.
- Worked as a Convener for Vyapar Mela- 2016.
- Worked as a co-ordinator for Tally ERP.9/ Financial Accounting course -2016.
- Worked as a Chairman for Soft Skills Development Workshop 2016.

## 6) CA Rasika P. Date

- Received First Installment from BCUD, Savitribai Phule Pune University, Pune for conducting Minor Research Project on topic 'Gender Audit of Educational Institutions – A Case Study of Select Deemed Universities.'
- Successfully completed Course Work for Ph.D. conducted by Department of Commerce SPPU, Pune between March, 2015 and June, 2015.
- Represented SPPU, Pune in the Tenth Maharashtra State Level Research Convention 'Avishkar'
   2015 in Commerce Management Law Category at Post PG Level. The Project was shortlisted for presentation round.
- Worked as Avishkar Co-ordinator for the year 2015-16. This year **three** projects from the college were selected for the Tenth Maharashtra State Level Research Convention 'Avishkar' 2015.
- Appointed as Member, Internal Quality Assurance Cell (IQAC) of the College.

### 8) Prof. Ravindra Y. Deshpande

• Was invited as a Key-Note speaker by MGR University, Chennai in a Seminar on 'IPR Awareness Program for Electronics and ICT sector' on 8th July 2015.

- Participated in IP Vault Chennai organised by CII /APTDC between 28<sup>th</sup> and 31<sup>st</sup> October, 2015.
- Was a Co-organiser and participant at the Training on Patent Search by European Patent Office on 18th and 19th November, 2015.
- Was a Co-organiser, and Panelist Speaker at the Indo European Conference on ICT- IPR organized by Deity, Govt of India and European Patent Office on 21st November, 2015

## 9) Prof. Rupesh D. Bansode

Attended one day seminar on "Corporate Social Responsibility" under Faculty Development Programme organized by Poona College on 1st February 2016.

## 10) Prof. Shraddha R. Hirwe

- Successfully completed Ph.D. Course Work during March, 2015 to June 2015.
- Successfully completed Refresher course in Commerce with "A" grade at Department of Commerce SPPU, Pune during 1st October, 2015 to 21st October, 2015.
- Worked as a co-ordinator for Vyapar Mela -2016.

## 11) Prof. Rahul D. Jadhav

- Worked as a co-ordinator for Vyapar Mela- 2016.
- Worked as a co-ordinator for Tally ERP.9/ Financial Accounting course \_ 2016.
- Worked as a co-co-odinator for Soft Skills Development Workshop 2016.

The Department acknowledges the contribution of Visiting Faculty Members - Prof. Prajakta Sabne and Prof. Kruttika Wagh. The contribution of Prof. Amol Nikale and Prof. Shweta Khond is also appreciated and acknowledged.

**Dr. Sanjeevani Rahane** In-Charge 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.

Bachelor of Business Administration (B.B.A.)

Bachelor of Computer Application (B.C.A.)

Master of Computer Application (Commerce) M.C.A.

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

B.Com.: Annual Pattern

M.Com.: Semester Pattern with Choice Based Credit System

Bachelor of Business Administration (B.B.A.): Semester Pattern

Bachelor of Computer Application (B.C.A.): Semester Pattern

Master of Computer Application (Commerce) M.C.A.: Semester Pattern with Choice Based Credit System

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

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

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

Name	Qualification		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	16	-
Prof. Philomena Rudolf Fernandes	MA, B.Ed., NET ,Pursuing Ph.D.	Assistant Professor	Economics	13	-
Prof. Sangeeta Mavale	M Com, MPM	Assistant Professor	Commerce	13	-
Prof. Mina Gawande	MSc, M.Phil. (Stats)	Assistant Professor	Commerce	9	-
Prof. Swapna Tekale	Msc., MCA	Assistant Professor	Computer Applications	9	
Prof. Pravin Salunke	M Com, GDCA, SET, CA-IPCC	Assistant Professor	Commerce	8	-
Prof. Vaishali Doshi	M Com, CS-Inter, NET	Assistant Professor	Commerce	8	-
Prof. Shruti Pawar	MCS	Assistant Professor	Computer Science	8	-
Prof. Jasmeet Jangira- Patil	MBA - Marketing	Assistant Professor	Marketing	7	-
Prof. Amol Shinde	MBA – Finance, NET Qualified in June 2011, SAP – ERP (FI/CO), Pursuing PhD in Financial Management	Assistant Professor	Finance	7	
Prof. Bhoomika Parmar	M Com	Assistant Professor	Commerce	7	-
Prof. Sonali Raut	MCA	Assistant Professor	Computer Applications	7	-

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Prof. Lawly Das	MBA – HRM, M.A – English, Certified Corporate Trainer from British Connections, Pune	Assistant Professor	HRM	6	-
Prof. Snehal Mirajkar	MBA – Finance & Marketing	Assistant Professor	Finance & Marketing	6	-
Prof. Vaibhav Thakare	MCA	Assistant Professor	Computer Applications	6	-
Prof. Gauri Khire	MCA	Assistant Professor	Computer Applications	6	-
Prof. Pradnya Khalane	MCA, MSc(maths) , NET(CS)	Assistant Professor	Computer Applications	6	
Prof. Shreya Vaidya	M Com, CWA-Inter, SET	Assistant Professor	Commerce	5	-
Prof. Vanita Patil	MCA	Assistant Professor	Computer Applications	5	-
Prof. Prashant Patil	MCA	Assistant Professor	Computer Applications	5	-
Prof. Yuvraj Shelke	MA, M Phil pursuing	Assistant Professor	English	4	-
Prof. Maitreyee Phadnis	M Com, DTL Pursuing M.Phil	Assistant Professor	Commerce	4	-
Prof. Namrata Gadgil	MCA	Assistant Professor	Computer Applications	4	-
Prof. Urmila Karale	M.A English, MBA – Finance, NET Qualified in June 2012	Assistant Professor	Finance	3	-
Prof. Niketan Shet	M Com, MBA, NET-JRF	Assistant Professor	Commerce	3	-
Prof. Parag Fulzele	MCA	Assistant Professor	Computer Applications	3	-
Prof. Neha Deshpande	MBA – Marketing, NET Qualified in June 2013	Assistant Professor	Marketing	2	-
Prof. Jayashree Chinchanikar	MLL & LW MBS –HR	Assistant Professor	HRM	1	-
Prof. Mansi Vale	MCA	Assistant Professor	Computer Applications	1	-
Prof. Sai Dumbre	МСА	Assistant Professor	Computer Applications	1	-
Prof. Aditi Patil	B.C.S., M.C.A.	Assistant Professor	Computer Applications	5	-
Prof. Pushpala Gorade	B.C.S., M.C.A.	Assistant Professor	Computer Applications	4	-

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

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

# 12.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

Master of Computer Application (Commerce) M.C.A.: 30%

13. Student - Teacher Ratio (programme wise):

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

Bachelor of Business Administration (B.B.A.): 13:1 Bachelor of Computer Application (B.C.A.): 13:1

Master of Computer Application (Commerce) M.C.A.: 14:1

# 14. 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

## 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	33	2	-	-	-

- 16. Number of faculty with on-going 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 staff members are involved in research activities. The department intends to apply for the Research Centre in the near future.

#### 19. Publications:

	Papers		Books			10			
Name of the faculty	International	National	Presented in conference	International	National	Book chapter	Total publications	Total citations	h-index
Prof. Lawly Das	2	3	-	-	-	-	5	-	-
Prof. Amol Shinde	1	1	-	•	-	-	2	2	1
Prof. Philomena R. Fernandes	-	-	3	-	-	-	3	•	-
Prof. Niketan Shet	-	-	3	ı	-	1	3	1	-
Prof. Vaishali Doshi	-	-	1	ı	-	-	1	1	-
Prof. Sangeeta Mavale	-	-	-	1	1	-	1	1	-
Prof. Vaibhav Thakare	1	-	-	1	-	-	1	-	-
Prof. Gauri Khire	1	-	-	1	1	-	2	1	-
Prof. Namrata Gadgil	-	1	-	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:

B.B.A.: 100% B.C.A.: 100% 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:
- Raj Agarwal (SY BBA) worked with IIM Ahmedabad in their "Scholars for Change" programme

during the period of April - June 2014 and December 2014 – February 2015 where there were around 750 people from across the country. He was the top performer in that programme and hence was called there for an 'on campus internship opportunity'. He worked in the capacity of an Assistant Campaign Manager where he helped in understanding the impact of the educational content on the learning pattern and understanding of the children thereby promoting the importance of Innovation in Human Life.

- Sayali Bapat (SY BBA) and Prathamesh Shinde (TY BBA): Second Prize in the Inter College Paper Presentation Competition
- Sandeep Kumar (FY BBA) and Sayali Bapat (TY BBA): First Prize in the Inter College Paper Presentation Competition
- Zaheer Gari (FY BBA): Selected for AIESEC's International Internship Program. He worked for Global Social Volunteering Project hosted by AIESEC in the University of Johannesburg, South Africa.
- Mayur Kamble, a student of BCA won the Silver Medal in the Inter-Collegiate Boxing competition.

## **Sports achievements**

Sr. No.	Name	Game	Level	Recognition	Year
1.	Vaibhav Balwadkar	Baseball	Inter Collegiate	Bronze	2012-13
2.	Ajit Pawar	Khokho	Inter Collegiate	Bronze	2012-13
3.	Vaibhav Balwadkar	Softball	State	Participated	2012-13
4.	Vaibhav Balwadkar	Baseball	State	Participated	2013-14
5.	Kalpesh Thombare	Taekwondo	State	3rd Place	2013-14
6.	Vaibhav Kulkarni	Baseball	Inter Collegiate	3rd Place	2013-14
7.	Mayur Kamble	Baseball	Inter Collegiate	3rd Place	2013-14
8.	Vaibhav Balwadkar	Baseball	Inter Collegiate	Winner	2014-15
9.	Manish Gaikwad	Baseball	Inter Collegiate	Winner	2014-15
10.	Garima Vivek Motadoo	Cricket	Inter Collegiate	Winner	2014-15
11.	Yuvraj Rakshe	Baseball	Inter Collegiate	Winner	2014-15
12.	Kalpesh Thombare	Baseball	Inter Collegiate	Winner	2014-15
13.	Swamy Sumit	Hockey	Inter Collegiate	1st	2015-16
14.	Sharma Gemonder	Football	Inter Collegiate	Participated	2015-16
15.	Sachinand Unde	Football	Inter Collegiate	Participated	2015-16
16.	Akshay Bhalerao	Football	Inter Collegiate	Participated	2015-16
17.	Yash Agarwal	Football	Inter Collegiate	Participated	2015-16
18.	Amey Kalambe	Cross Country	Inter Collegiate	2 <sup>nd</sup>	2015-16
19.	Amey Kalambe	Boxing	Interzonal	2nd	2015-16
20.	Chitale Nandan	Table Tennis	Inter Collegiate	Participated	2015-16
21.	Nishigandha Joshi	Volleyball	Inter Collegiate	Participated	2015-16
22.	Mangesh Manohar	Best Physique	Zone	3rd	2015-16
23.	Mangesh Manohar	Best Physique	Inter Collegiate	2nd	2015-16
24.	Mangesh Manohar	Best Physique	Modern Shree		2015-16
25.	Krishnamurthy Shrijeet	Basketball	Inter Collegiate	Participated	2015-16

#### Name of the Faculty: Prof. Sangeeta Mavale

- Appointed as a Director in Sampada Cooperative Bank in 2015
- Invited as a resource person by Maharashtra Cultural Ministry in 2015
- 'Best Teacher Award' in 2014 by Kasaba Ganapati Trust, Pune
- 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, Patner, 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 Savitribai Phule Pune University under QIP)
- State: 05 (Funded by Savitribai Phule Pune University under QIP)
- District: 02 (Funded by Savitribai Phule Pune University under QIP)

#### 26. Student profile programme/course wise:

#### B.B.A.

Name of the	Application	Coloated	Enro	olled	
Course/ programme	received	Selected	M	F	Pass %
2011-2012	150	71	47	24	85.5
2012-2013	210	105	69	36	82.8
2013-2014	265	146	94	52	84.3
2014-2015	445	205	130	75	71.9
2015-2016	582	248	164	84	RA

#### B.Com.

Name of the	Applications	Select	Enrolled	Pass
course/	received	ed	Linoneu	%

Programme			M	F	
2010-2011	5	5	3	2	40.00
2011-2012	150	130	75	65	72.00
2012-2013	400	358	220	138	63.55
2013-2014	450	392	258	134	53.73
2014-2015	600	392	216	176	49.50
2015-2016	650	430	245	185	RA

M.Com.

Name of the			Enr	olled	
course/ Programme M.Com	Applications received	Select ed	M	F	Pass %
2012-2013	80	62	35	25	72.00
2013-2014	75	60	30	30	75.00
2014-2015	70	57	30	27	88.8
2015-2016	90	60	25	35	RA

B.C.A.

Name of the	Applications	Select	Enr	olled	
course/ Programme	received	ed	M	F	Pass %
2011-2012	142	117	67	50	66.67
2012-2013	255	214	134	80	61.74
2013-2014	240	196	112	84	72.58
2014-2015	446	245	148	97	48.63
2015-2016	582	249	146	103	RA

M.C.A.

Name of the			Enr	olled	
course/ Programme M.C.A.	Applications received	Select ed	M	F	Pass %
2010-2011	58	58	26	32	92.00
2011-2012	57	57	36	26	96.00
2012-2013	44	44	29	15	84.00
2013-2014	13	13	5	8	85.34
2014-2015	30	30	22	8	82.29
20115-2016	28	28	11	17	RA

## **27.Diversity of Students:**

B.B.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2011-2012	94.4	5.6	Nil
2012-2013	90	10	Nil
2013-2014	85.6	6.2	8.2
2014-2015	90	5	5
2015-2016	93.95	3.6	2.4

B.Com.

Year	% of students from the same state	% of students from other States	% of students from abroad
2012-2013	96	4	Nil
2013-2014	94	2	Nil
2014-2015	95	5	Nil
2015-2016	95	5	Nil

M. Com.

Year	% of students from the same state	% of students from other States	% of students from abroad
2012-2013	100	Nil	Nil
2013-2014	100	Nil	Nil
2014-2015	100	Nil	Nil
2015-2016	100	Nil	Nil

**BCA** 

Year	% of students from the same state	% of students from other States	% of students from abroad
2011-2012	85	10	5
2012-2013	85	10	5

2013-2014	85	5	10
2014-2015	85	5	10
2015-2016	97.99	1.2	0.8

#### **MCA**

Year	% of students from the same state	% of students from other States	% of students from abroad
2010- 2011	100	Nil	Nil
2011- 2012	100	Nil	Nil
2012- 2013	100	Nil	Nil
2013- 2014	100	Nil	Nil
2014- 2015	100	Nil	Nil
2015- 2016	99.92	0.04	0.04

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	15%	5%	4%	10%	58%
<ul> <li>Other than campus</li> <li>Recruitment</li> </ul>				5%	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	1	-	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.
- In view of huge fees amount, instalment payment facility is also provided to the needy students.

No. of BBA Students Availing Scholarship

YEAR	Number of students
2011 - 12	09
2012 - 13	09
2013 - 14	37
2014 - 15	64
2015 - 16	78

- Scholarship from Social Welfare department is awarded to 42% students as prescribed by the government norms.
- B.Com students got scholarship under Samaj kalyan SPPU -186 students for 2014-2015 and Freeship-63 students
- Scholarship under Samaj kalyan SPPU -120 students for 2013-2014 and Freeship-35 students
- Scholarship under Samaj kalyan SPPU (2014-2015)

M.Com. I: 15 Students M.Com. II: 18 Students

B.C.A.

YEAR	Total Number of students
2011-12	31
2012-13	27
2013-14	77
2014-15	105
2015-16	107

# 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
- In house Lecture series on Human Rights by Adv. Ajay Wagh
- In house Lecture series on Cyber Law by Adv. Vaibhav Salunke

#### Annual activities of BBA for 2015-16

Sr. No.	Date	Activity	
1	30/06/2015 & 1/07/2015	Counselling Programme for F.Y.BBA students by Prof. M.D.Waghmare	
2	2/07/2015	Guest Lecture on "Students and Ethics" for S.Y. BBA by Dr. Rashmi Hebalkar	
3	3/07/2015	Guest Lecture on "Image Management through Appearance & Communication" for S.Y. BBA by Mrs. Anne Anish	
4	6/07/2015 - 11/07/2015	Personality Development inhouse activity / workshop for S.Y.BBA during regular classes	
5	9/07/2015	Seminar on "Understanding the General Ability Test Pattern and its preparation" for T.Y. BBA and T.Y.BCA by Mr. Amitendra Kumar	
6	15/07/2015	Guest Lecture on "Digital Entrepreneurship – A Choice" for S.Y. BBA & T.Y. BBA by Bajaj Allianz	
7	13/07/2015 - 18/07/2015	Team Building and Self Introspection inhouse activity / workshop for S.Y.BBA during regular classes	
8	22/07/2015	Guest Lecture on "Changing Face of HR - New Trends in HR" for S.Y. BBA & T.Y. BBA (HR Spl.) by Prof. Ashish Mohture	
9	24/07/2015	Orientation Programme for F.Y. BBA, F.Y. BCA & F.Y M.Com by Mr. Pratap Govindrao Pawar, Chairman of Sakal Papers Limited and Inauguration of Activity Club	
10	29/07/2015	Guest Lecture on "Entrepreneurship & Event Management" for S.Y & T.Y BBA by Mr. Siljith Mohan	
11	31/07/2015	One day certified workshop on "Confidence Building and Emotional Intelligence" for BBA students by Mrs. Anne Anish	
12	31/07/2015	Guest Lecture on "Developing a Career Personality" for FY BBA by Mr. Pushkar Aurangabadkar	
13	1/08/2015	Obituary Programme on Late Dr. A P J Kalam organized by SY BBA & TY BBA	
14	10/08/2015	Guest Lecture on "Team Building" for SY BBA & TY BBA by Mrs. Priya Agashe	
15	11/08/2015	Fresher's Welcome for F.Y. BBA jointly organized by S.Y. BBA & T.Y. BBA	
16	12/08/2015- 25/08/2015	International Youth Day / Week (Motivational Movies, Critical Review of the Movie, Art & Craft Exhibition, One Act Plays & Competition on Diversity in Culture) for B.Com, BBA, BCA and M.Com students	
17	25/08/2015	Concluding Function of International Youth Week followed by cultural programmes & certificate distribution	
18		Project on Research Methodology for T.Y.BBA	
19	30/08/2015	Medical Check Up for FY BBA students	
20	31/08/2015	PTA meet for BBA students	
21	1/09/2015	Entrepreneurship Day for BBA and BCA students	
22	2/09/2015	One day certified workshop on "Communication of clothes, attractive dressing as per body shape & appropriate dressing, grooming and body language for interviews" for BBA students by Mrs. Anne Anish & Miss Ritu Punjabi	
23	3/09/2015	One day certified workshop on "Public Speaking & Interview Skills" for BBA students by Mrs. Anne Anish	
24	4/09/2015	Guest Lecture on "Health Education for Girls" for BBA, BCA & B.Com by a team of doctors from The Rotary Club of Daund	
25	8/10/2015	Guest Lecture on "Financial Planning for Young Investors by SEBI" for F.Y.BBA by Mr. Pradeep Thite	
26	9/10/2015	Parents'-Students Meet for S.Y.BBA & T.Y.BBA	
27	10/10/2015	Parents'-Students Meet for F.Y.BBA	
28	11/10/2015	Guest Lecture on "Cyber Crime" for S.Y.BBA & T.Y.BBA by Mr.	
29	16/10/2015	Guest Lecture on "HR Skills for Future Managers" for S.Y.BBA & T.Y.BBA (HR spl.)by Mr. Sudhindra Sarnobat	

	18/10/2015	
30	- ' '	SOCIAL WEEK
	23/10/2015	
31	19/10/2015	FDP on "Investment Awareness" by Kotak Mahindra
32	29/10/2015	Guest Lecture on "Study Overseas" for S.Y & T.Y BBA by SIEC
33	4/01/2016 -	Annual College Fest "AAROHAN – EXPLORING THE LIMITLESS TALENT"
33	9/01/2016	Allitudi College Pest AAROHAN - EAI BORING THE BINITEESS TALENT
34	4/02/2016	Model Layout competition for S.Y. BBA
35	15/02/2016	STATE LEVEL SEMINAR on 'Role of E-Commerce in Modern Business' for the BBA, BCA, B.Com and M.Com students
33	-16/02/2016	STATE LEVEL SEMINAR OIL ROLE OF E-COMMERCE IN MODELL DUSINESS TOT THE BBA, BCA, B.Com and M.Com Students
36	4/03/2016	Industrial Visit for S.Y. BBA (A & B) to Parle (Talegaon) & Max On Wheels (Chakan)
37	9/03/2016	Industrial Visit for S.Y. BBA (A & B) to Oxyrich & Jainam Industries (Kharadi)

## Annual activities of B.Com. 2015 -16

Date	Details	
10/07/2015	Academic visit to National Institute of Bank Management (NIBM)	
13/07/2015	Guest Lecture on Time Management by Prof Onkar Natu	
14/07/2015	Aptitude Test and guest lecture on Career Guidance by Mr Amitendra Kumar from	
15/07/2015	Screening of Lokmanya Movie	
27/07/ 2015	Debate competition on the topic "Smart Phones Pancea or Placebo"	
31/07/2015	Guest lecture on Digital Entrepreneurship by Mr Nishant Mehta from Bajaj Allianz	
5/08/ 2015	Guest lecture on Communication Skills by CA Priya Agashe	
6/08/2015	Guest lecture on Know your Environment by Environmentalist Medha Sonawane	
7/08/2015	Guest lecture on E-Banking By Mr Dhanajay Kulkarni from TJSB Sahakari Bank.	
10/08/ 2015	Pick n Speak Competition	
31/08/ 2015	Guest Lecture on E-Marketing by Dr P.V.Sathe	
2/08/2015	Guest lecture on Relevance of New Economic Policy for Indian Economic Development by Dr Mukund Mahajan	
3/08/2015	PPT Competition on communication skills	
4/08/2015	Health Education for Girls by Rotary Club ,Daund	
7/09/ 2015	Guest lecture on "Challenges for Entreprenuers by Mr Shirish Karnik	
8/09/2015	Inauguration of Commerce Association by Shirish Mohite	
16/09/2015	Sudoku competition	
18/09/ 2015	Hindi Day Celebration-Guest lecture from Prof. Sandeep Mulay.	
22 <sup>nd</sup> Sept 2015	Guest Lecture on Resume writing and interview Techniques by Ms Reena Pawar and Mr Sumit Kumawat	
29/09/ 2015	Grahakteertha Vyakhyanmala-Lecture series by ACP Bhanupratap Bharge on awareness on social networking, Lecture by Dr Milind Bhoi on Addiction free country, Lecture by Dr Renutai Gavaskar on Relationship between Parents ,teachers and students.	
5/10/2015	Guest lecture on Practical Courses for Accounting, Taxation and Finance by Ashok Budhkar	
12/10/2015	Industrial visit to Katraj Dairy	
5/122015	EVS exihibition inaugurated by Principal Dr Prof R.S.Zunjararao	
9/12/2015	Guest Lecture on Soft skills by Kezia Cherian from ICA Pune	
10/12/2015	Guest Lecture on Grooming Manners by Mr Vishal Agnihotri from ICA Pune.	
11/12/ 2015	Guest Lecture on Cyber Crime by ACP Bhanupratap Barge	
15/12/ 2015	Modern Presentation week inaugurated by Dr A.V.Kamble followed by various presentations by the students and guest lecture conducted by Dr sharayu Bhakare on presentation skills .	
5/01/2015	Poetry recitation and Essay writing by the students Prsided by Prof Balaji Suryavanshi	
12/01/2016	Youth Day Celebration –Inaugrated by Dr Sanjay Bharadwaj, Presided over by Principal Dr. R.S.Zunjararo	
22/01/2015	Comm. Fair- Costing Projects inaugurated by Principal Dr. R.S.Zunjararo	
30/01/2016	Meditation Session by Sahaj Yog by Mr Vinod Kumar Bhatnagar	

## 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:

- Students of BBA along with the BCA students have been organizing the 'Social Week' since December 2013. The core motive behind observing the 'Social Week' is to inculcate a sense of social responsibility amongst our students.
- 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.
- The main motive of 'Social Week' in February 2015 was to imbibe a sense of social responsibility amongst students.
- 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:

- BBA, BCA and 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 cocurricular & 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.
- To instil the sense of social responsibility amongst students, we have been organising Social Week since 2013. This motivates students to get involved in various social activities like helping the poor and old people, alleviating the system of child labour, eye donation awareness, AIDS awareness, blood donation camp, donations of clothes, books, shoes and toys,

- women empowerment, Environment Awareness, etc.
- 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. BBA, BCA and 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 Activity-**

The academic year 2015-16 started on 15th June 2015. The total intake of F.Y.B.Com. was 430, S.Y.B.Com.was 292 and T.Y.B.Com. was 296 students. There were three divisions in each year.

Our students participated and won prizes in inter-collegiate activities and competitions conducted by various colleges such as Garware College of Commerce, Brihan Maharashtra College of Commerce and Maghanmal Udharam College of Commerce.

Our students appeared for interviews of Amazon, AGS India, Here Map Solutions, e-Clerks in campus pool of other colleges. Two students have been placed in Amazon, one student has been

placed in Here map Solutions and two students have been placed in e-Clerk.

A series of Co-Curricular activities were organized:beginning with Academic visit to National Institute of Bank Management (NIBM) on 10th July, 2015. On 14th July, 2015 Aptitude Test and guest lecture on Career Guidance by Mr Amitendra Kumar was organized.

In order to guage the critical thinking among students a Screening of Marathi Movie Lokmanya was shown on 15th July, 2015. Inorder to improve the reasoning capacity of the students, Debate competition on the topic "Smart Phones, Panacea or Placebo", was held on 27th July 2015. On 31st July, 2015 Guest lecture on Digital Entrepreneurship by Mr Nishant Mehta from Bajaj Allianz was conducted. On 5th Aug, 2015 Guest lecture on Communication Skills by CA Priya Agashe, 6th Aug, 2015 Guest lecture on "Know your Environment" by Environmentalist Medha Sonawane,7th Aug 2015 Guest lecture on E-Banking By Mr Dhanajay Kulkarni from TJSB Sahakari Bank and 10th Aug, 2015 Pick and Speak Competition ,31st Aug, 2015 Guest Lecture on E-Marketing by Dr P.V.Sathe were conducted consecutively.

In the month of September a series of activities such as Guest lecture on Relevance of New Economic Policy for Indian Economic Development by Dr Mukund Mahajan on 2nd September, 2015, 3rd September 2015 PPT Competition on communication skills were conducted. A team of Rotary club ,Daund conducted health education for women on 4th September, 2015. A Guest lecture on "Challenges for Entreprenuers by Mr Shirish Karnik on 7th September 2015 was conducted.On 8th September 2015 Commerce Association was inaugurated by Shirish Mohite.On 16th sept to tickle the brains of the students Sudoku competition was organized. Inorder to develop respect for the national language Hindi Diwas was celebrated on 18th Sept followed by the-Guest lecture from Prof Sandeep Mulay. On 22<sup>nd</sup> sept, a Guest Lecture on Resume writing and interview Techniques by Ms Reena Pawar and Mr Sumit Kumawat was organized. From 29th Sept to 1st Oct 2015 lecture series under the title 'Grahakteertha Vyakhyanmala' followed by the talks given by eminent speakers like ACP Bhanupratap Bharge on awareness on social networking, Lecture by Dr Milind Bhoi on Addiction free country and Lecture by Dr Renutai Gavaskar on Relationship between Parents ,teachers and students was held as a part of the lecture series. In the month of October Guest lecture on Practical Courses for Accounting, Taxation and Finance by Ashok Budhkar on 5th October and 12th October an Industrial visit to Katraj Dairy was organized. Internal exam was held at the end of the month and students went on Diwali vacations.On 5th Dec Evs Exhibition was held inorder to create awareness among students about the environmental conservation which was inaugurated by Our Principal R.S.Zunjararo .On 9th Dec Guest lecture on Soft skills by Kezia Cherian from ICA Pune and grooming manners by Vishal Agnihotri on 10th December and 11th December guest lecture on Cyber Crime by ACP Bhanupratap Barge was organized. Inorder to improve the presentation skills among students our college had organized Modern Presentation week from 15th Dec to 21st Dec 2015.

Inaugrated by Dr A.V.Kamble followed by various presentations by the followed by various presentations by the students and guest lecture conducted by Dr.Sharayu Bhakare on presentation skills.

On 5<sup>th</sup> Jan Poetry recitation and essay writing competition was conducted which was presided by Prof. Balaji Suryavanshi.On 12<sup>th</sup> Jan Youth Day was Celebrated to commemorate the birthday of Swami Vivekananda which was hosted by Dr Sanjay Bharadwaj ,presided by Principal Dr. Prof. R.S.Zunjararao. Commerce Fair was organized to display and sell the the products manufactured by our S.Y.B.Com. costing students which was inaugurated by our principal Dr .Prof R.S.Zunjararao. Lastly we concluded our activities by having a meditation session organized by Sahaj Yog on 30<sup>th</sup> January.

#### Prof. Philomena Fernandes was the Coordinator for B.Com.(Non-Grant section).

#### M.Com. (Non-Grant)

The passing percentage of first year and second year was 90% which was an achievement. The department conducted a series of activities throughout the year. including sessions on Human Rights ,Information to Cyber Security and Soft Skills(Direct Tax Advisor) by subject expert in respective field for 10 credit Programme of SavitriBai Phule Pune University for P.G.course. The Guest Lectures organized were on topics like,

- ➤ Direct and Indirect Tax
- Soft Skill Personality Development
- ➤ Research Methodology
- > Team Building
- Central Excise Act
- ➤ Interview Skills
- Management Audit.

#### Prof .Vaishali Doshi was the Co-ordinator for M.Com. (Non-Grant section).

#### **BBA**

#### **Guest Lectures:**

- "Students and Ethics" for S.Y. BBA by Dr. Rashmi Hebalkar
- "Image Management through Appearance & Communication" for S.Y. BBA by Mrs. Anne Anish
- "Understanding the General Ability Test Pattern and its preparation" for T.Y. BBA and T.Y.BCA by Mr. Amitendra Kumar
- "Digital Entrepreneurship A Choice" for S.Y. BBA & T.Y. BBA by Bajaj Allianz
- "Changing Face of HR New Trends in HR" for S.Y. BBA & T.Y. BBA (HR Spl.) by Prof. Ashish Mohture
- "Entrepreneurship & Event Management" for S.Y & T.Y BBA by Mr. Siljith Mohan
- "Developing a Career Personality" for FY BBA by Mr. Pushkar Aurangabadkar
- "Team Building" for SY BBA & TY BBA by Mrs. Priya Agashe
- "Health Education for Girls" for BBA, BCA & B.Com by a team of doctors from The Rotary Club
  of Daund
- "Financial Planning for Young Investors by SEBI" for F.Y.BBA by Mr. Pradeep Thite
- "HR Skills for Future Managers" for S.Y.BBA & T.Y.BBA (HR spl.)by Mr. Sudhindra Sarnobat
- "Study Overseas" for S.Y & T.Y BBA by SIEC, Pune

#### **Workshops:**

- One day certified workshop on "Confidence Building and Emotional Intelligence" for BBA students by Mrs. Anne Anish
- One day certified workshop on "Communication of clothes, attractive dressing as per body shape and appropriate dressing, grooming and body language for interviews" for BBA students by Mrs. Anne Anish and Miss Ritu Punjabi
- One day certified workshop on "Public Speaking & Interview Skills" for BBA students by Mrs.
   Anne Anish

**Industrial Visits** were conducted for the SY BBA students as a part of their academic curriculum. Following industries were visited by our team:

- Parle (Talegaon) Biscuits
- Max On Wheels (Chakan) Wheel rim
- Oxyrich (Kharadi) Water Bottles
- Jainam Industries (Kharadi) Fuel Pipes

#### **Staff Achievements:**

Prof. Lawly Das presented two research papers.

- International Conference ICBTS Conference 2015, Toronto
   Title of the Paper: Present Indian Education System: Addressing the Skill GapPublished in IJBTS Journal, Vol. 3 No. 1
- National Conference, September 2015
   Title of the Paper: Evaluating the Applicability of Maslow's Theory of Motivation to Education Published in Paridnya MIBM Research Journal, Volume 3, Issue 1

#### **BCA**

#### **Guest Lectures:**

- "Mobile apps suspense unfolds(Android & iphone myths cleared)" for T.Y.B.C.A.
- "To Understand General Ability Test Pattern" for T.Y.B.C.A.
- "Importance of Communication Skills" for F.Y.B.C.A.
- "Understanding ERD & DFD" by Prof. Abhijit Sathe.
- "Image Management Through Appearance & Communication" for BCA
- "Digital Entrepreneurship A Choice" for S.Y. B.C.A. by Bajaj Allianz
- "Health Education for Girls" for BBA, BCA and B.Com. by a team of doctors from The Rotary Club of Daund.
- "Project guidance" by Prof. Shakila S. for T.Y.B.C.A. students.
- "Wireless Networking" by Prof. Prashant Mulay.
- "MCA CET Guidance" by Prof. Puranik.

#### **Staff Achievements:**

Prof. Namrata Gadgil published following books in the year 2015-16

- 1. Computer Networking and cyber security ISBN:978-93-5158-318-9 Class:T.Y.B.Com.
- 2. Java Programming

ISBN: 978-93-5158-323-3 Class: T.Y.B.C.A.(Sem V)

3. Advanced Web Technology

ISBN: 978-93-5158-479-7 Class: T.Y.B.C.A.(SemVI)

#### Common Events and Activities of BBA and BCA:-

- 1. Welcome function was organized for newly admitted students to first year. Various events and activities were organized as a part of welcome function.
- 2. Orientation Program for F.Y. B.B.A., F.Y. B.C.A. and F.Y. M.Com. was organized for introduction of college to students. Guest of honor was **Mr. Pratap Govindrao Pawar**, Chairman of Sakal Papers Limited who enlightened students by sharing his valuable thoughts. Another highlight of this program was Inauguration of the **Activity Club**.
- **3.** On the occasion of International Youth Day (August 12, 2015) we celebrated the entire week as youth week. We screend various **motivational movies** followed by **critical analysis and question-answer session**. Week was concluded with guidance session by an emerging entrepreneur Mr. Amit Jadhav followed by an **Art and Craft exhibition**.
- 4. To encourage entrepreneurship skill we observed "Entrepreneurship Day". Students presented different stalls as their business which was inaugurated by an emerging entrepreneur Mr. Shankar Barve.
- 5. Teachers day was organized by students where they shared their views about teachers & college.

#### Social Week:-

The Wing of Computer and Business Studies (WCBS) organized Social week from 18<sup>th</sup> December to 23<sup>rd</sup> December 2015.

<u>Day One</u> (18-Dec-2015) - Social Week was inaugurated by the Honorable Guest Mr. Sanjay Nahar. He guided on the topic "Youth against Terrorism". Inauguration Ceremony was held at Shree Vidya Hall of Modern College (WCBS). After the inauguration session, our college team visited "Matoshree", an old age home. Our aim was to understand the difficulties faced by old people in their day to day lives and we encouraged the senior citizens to live their rest of the life happily. This is how we spent some Quality Time with them.

<u>Day Two</u> (19-Dec-2015) - Our Students visited the Mother Teresa home. They tried to understand the situation and condition of the mentally challenged women and to help them in all aspects as possible.

<u>Day Three</u> (21-Dec-2015) - Session held on "Natural Calamities and Global Warming" by Honorable Guest Mr. Santosh Gondhalekar. He explained the concept by giving the latest example

of Chennai which is suffering from natural calamities caused by the irresponsible behavior of people towards nature. A skit and a guest lecture was arranged to create awareness amongst people about Natural Calamities and Global Warming.

<u>Day Four</u> (22-Dec-2015) - Session held on "Girls Education and Women Empowerment" by Honorable Guest Mrs. Sadhana Sethiya. She guided students on women education and empowerment.

<u>Day Five</u> (23-Dec-2015) - "Humanity Award" was given to Sou. Sindhutai Sapkal also known as Mother of Orphans who is a renowned social worker. People like Sindhutai Sakpal act as angels for orphan children by providing them shelter, food, clothes, education and better living conditions.

"Vidyabhushan Award" was awarded to Honorable Chairman of P.E. Society, Dr. Gajanan Ekbote.

#### Aarohan 2015-16:-

"Aarohan – Exploring the limitless talent" is an annual college fest dedicated to explore the student's unexplored & limitless talent in various fields like sports, arts and cultural activities. It is a platform where they are able to showcase their hidden talent with vigor and enthusiasm. Students get a welcome break from their regular academic schedule by participating in various competitions.

## This year's itinerary was as follows:

4/01/16 to 6/01/16 Sports Events (5 a side football, Box cricket, tug of war)

## 6th Jan 2016 (School day + Chocolate day)

Sr. No	Event Name	Time
1	Rangoli	9:00 to 10:00
2	Creative Writing (Essay & Poetry)	10:00 to 11:00
3	Tug of War - (Boys/Girls)	11:30
4	PPT Presentation	01:00 to 02:30
5	Black Out Coding	01:30 to 3:00

#### 7th Jan 2016 (Filmy day & Rose day)

Sr.No	Event Name	Time
1	NFS	09:00 to 10:30
2	Mad Ads	12:00
3	Counter Strike	11:00 to 12:30
4	Debate	12:30 to 2:30
5	Mehandi	09:00 to 10:00

#### 8th Jan 2016 (Mismatch Day & Tattoo day)

Sr.No	Event Name	Time
1	Treasure Hunt	08:30 to 11:00
2	Quiz	12:20
3	cooking without fire	11:00 to 12:00

9th Jan 2016 {Traditional day} Venue: Modern College Ground

Time: 10:00 to 01:00

#### **State Level Seminar:**

Title: - ROLE OF E-COMMERCE IN MODERN BUSINESS

#### Date: - 15 & 16 February 2016

Modern College of Arts , Science and Commerce, Shivaji Nagar , Pune and Savitribai Phule Pune University (SPPU) jointly organized the two days state level seminar on "E-Commerce : Role of E – Commerce in modern business" under Quality Improvement Programme (QIP). This was a two days seminar held on  $15^{th}$  and  $16^{th}$  February, 2016 .The seminar aimed to provide platform for interaction among academicians, industrial personnels, students, entrepreneurs, government officers, etc. Seminar also focused on basics of e-commerce, need of e-commerce, importance of e-commerce, role of e-commerce in today's modern business world.

## List of speakers in the Seminar:

Dr. Sanjay Kaptan (Head – Commerce Department, SPPU, Pune) introduced overview of ecommerce in modern business world. Mr. Prasanna Patwardhan (MD, Purple Travel) handled role of e-commerce in tourism business, CA Mr. K.D.Gargote (Experienced Chartered Accountant) explained e-governance, Mr. Sameer Kamat shared his thought on e-commerce and environment, Dr.Ranjeet Patil, (Vice Prncipal & HOD – D.Y.Patil Institution, Pune) explained technical issues of e-commerce, Adv. Ajay Wagh explained legal aspects of e-commerce, Dr. A.G. Gosavi (Ex-Principal Modern College, Shivaji Nagar, Pune) shared his experience on important role of e-commerce in academics.

## Seminar Organized By:

- Dr. R.S. Zunjarrao :Principal
- Prof. M.D.Waghmare:Vice-Principal
- Mr. Yogesh Sawarkar.:Registrar
- Prof. Lawly Das, HOD BBA
- Prof. Amol Shinde, :Co-Ordinator
- Prof. Maitreyee Phadnis, :Co-ordinator
- All Faculty Members

**Prof. M.D.Waghmare**Vice-Principal

## **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)

B.Sc. (Animation)

PG Courses: M.Sc. Computer Science

M.C.A. (till 2015-16)

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:

Sr. No.	Name of the staff member	Department	Subject Name	Year
1	Prof. Sangeeta Raut	Statistics	Data Mining	2014-15
2	Prof. SonaliVetal	Biotechnology	Fundamentals of Computer	2010-11 2011-12
3	Prof. SupriyaWable	Biotechnology	Use of Computers	2012-13
		M.C.A. Commerce III	Operations research	2013-14
4	Prof. TruptiGohad	M.C.A. Commerce I	Elements of Mathematics	2014-15

## 7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil

## 8. Details of courses / programmes discontinued (if any) with reasons:

M.C.A. Science from 2016-17 due to the decision of affiliating University regarding approval from AICTE

#### 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	21
2	Prof. Mrs. Manisha S. Suryawanshi	M.C.S., M.Phil	Asst. Professor	Computer Science	21
3	Prof. Mrs. Sangeeta S. Raut	M.Sc. ADCSSA	Asst. Professor	Electronics	19

4	Prof. Mrs. Madhuri S. Ghanekar	B.Sc. Applied, M.C.M.	Asst. Professor	Computer Management	17
5	Prof. Abhijit V. Sathe	M.C.S.	Asst. Professor	Computer Science with Specialization in Scientific Computing	17
6	Prof. Mrs. Shilpa R. Dange	M.C.A. , M.Phil. Ph. D. persuing	Asst. Professor	Computer Science	14
7	Prof. Mrs. Anjali S. Sardesai	M.C.S., SET, NET	Asst. Professor	Computer Science	14
8	Prof. Mrs. Vaishali C. Bhoite	M.Sc., SET	Asst. Professor	Computer Science	14
9	Dr. Mrs. Kalyani Salla	M.C.S., M. Phil. Ph. D.	Asst. Professor	Computer Science	12
10	Prof. Mrs. Shweta Khadse	M.Sc., NET	Asst. Professor	Computer Science	14
11	Prof. Sanjay Mahajan	M.Sc.	Asst. Professor	Computer Science	11
12	Prof. Mrs. Sheetal Patil	M.Sc.(Comp. Sci.), SET	Asst. Professor	Computer Science	7
13	Prof. Mrs. Sonali Vetal	M.Sc. (Comp. Sci)	Asst. Professor	Computer Science	6
14	Prof. Mrs. Supriya Shinde	M.C.A.	Asst. Professor	Computer Science	5
15	Prof. Mrs. Jigisha Pawar	M.Sc. (Comp. Sci.), SET	Asst. Professor	Computer Science	4
16	Prof. Mrs. Sonali Deshmukh	M.C.S., NET	Asst. Professor	Computer Science	9
17	Prof. Kiran Kulkarni	M.C.A.	Asst. Professor	Computer Science	6
18	Prof. Trupti Gohad	M.Sc. (Tech)	Asst. Professor	Industrial Maths with Computer Applications	4
19	Prof. Sameer Badmanji	M.C.M.	Asst. Professor		18
20	Prof. Sanjay Daf	M.Sc. (Elect) PGDCS	Asst. Professor	Electronics	20
21	Prof. Asha Sagar	M.C.M. M.C.A	Asst. Professor	Computer Applications	8
22	Prof. SmitaAchalkar	MCM, MCA	Asst. Professor	Computer Application	7
23	Prof. Sameer Nerlekar	DPT, DACAD	Asst. Professor	Cinematography	3

## **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
B.Sc. (Animation)	40%	20%
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	22	03	1 (3 perusing)	-	-

## 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 SPPU, Pune has been initiated.

#### 19. Publications:

		Pape	ers	ed	book	th No.	tions	factor	on	
Name of the faculty	International	National	Presented in Conference	Books edited	Chapter in the book	Books with ISSN/ISBN No	Total publications	Total impact factor	Total citation	xəpu <sub>I</sub> -ų
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:**

Publisher Name	Book Name
Member Editorial Board	'Dnyanmay' Research Journal; ISSN 2395-6898
SPPU	S.Y.B.Sc. Practical Workbook
anny	S.Y.B.Sc. Practical Workbook
SPPU	T.Y.B.Sc. Practical Workbook
SPPU	S.Y.B.Sc. Practical Workbook
CDDU	T.Y.B.Sc. Practical Workbook
SPPU	T.Y.B.Sc. Practical Workbook
SPPU	S.Y.B.Sc. Practical Workbook
SPPU	S.Y.B.Sc. Practical Workbook
Editor	'Environment Observer' ISSN 2320-
	Soft Computing, 2014;; ISBN 9789350161470
	SoftComputing, 2012; ISBN 9789350161470
	Theory of Computer Science, 2015
W B. 11	Compiler Construction, 2015
Vision Publication	Operating System Concepts, 2015
	Theory of Computer Science, 2010
	Compiler Construction, 2010
	Operating System Concepts, 2010
	T.Y.B.Sc. Practical Workbook
SPPU	F.Y. B.Sc. Animation Labbook 2015
	S.Y. B.Sc. Animation Labbook 2015
SPPU	S.Y. B.Sc. Animation Labbook 2016
	Member Editorial Board SPPU SPPU SPPU SPPU SPPU SPPU SPPU Editor  Vision Publication

#### 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)
- Worked as Member of editorial board for publication of "Dnyanmay", research journal, ISSN 2395-6898 Vol 1, Issue 1, June-August-2015.

#### 2. Prof. Anjali Sardesai

Worked as Editor for publication of Environment Observer, Dec' 2013, ISSN 2320-5997 Vol 17,
 Proceeding of the National Conference on Hazardous e-Waste Management

#### 22. Student projects

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

Academic year	MSc	MCA
2014-15	1%	2%
2013-14	8%	5%
2012-13	6%	1%
2011-12	9%	2%
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
2014-15	99%	98%
2013-14	92%	95%
2012-13	94%	99%
2011-12	91%	98%
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 '2<sup>nd</sup> Best Paper Award'.
- Prof. Mrs. Anjali Sardesai presented a research paper entitled 'Initial screening of gynecological diseases in a patient, experts knowledgebase and fuzzy set theory: A case study in India' at the 2<sup>nd</sup> World Conference on Soft computing, Baku, in Dec' 2012. Paper received 'Best Paper Award'.
- Prof. Mrs. Anjali Sardesai has been awarded 'Excellence in Teaching' award by *Uttar Bharatiy Sangh* in 2015.
- Prof. Kalyani Sambhoo, Sanjay Kadam, Ashok Deshpande, 2011, 'Fuzzy Logic in EIA', National Conference on Soft Computing. Poster Received Cash Prize.
- Prof. Mrs. Kalyani Salla presented a research paper entitled 'Efficacy of selected soft computing techniques for ranking of hazardous industrial installation' at the 2<sup>nd</sup> World Conference on Soft Computing, Baku in Dec' 2012. Paper received 'Certificate of Merit'.

#### 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, SPPU, Pune
- Prof. Anjali Pendse, SKNCOE, Pune

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

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

## 26. Student profile programme/course wise:

### **Under Graduate (B.Sc. Computer Science)**

Name of the	Application		Enrolled		
Course/programme	received	ived Selected		F	Pass %
2010-2011	1079	176	79	97	75.38
2011-2012	1890	184	82	102	60.15
2012-2013	943	141	65	76	58.77
2013-2014	821	166	85	81	67.82
2014-2015	912	179	95	84	49.28
2015-2016	911	176	97	79	RA

## **Under Graduate (B.Sc. Animation)**

Name of the	Application		Enrol		
Course/programme	received	Selected	M	F	Pass %
2013-2014	17	5	2	3	80
2014-2015	32	10	8	2	70
2015-2016	50	15	14	1	RA

#### Post Graduate (M.Sc. Computer Science)

Name of the Application			Enrolle		
Course/programme	received	Selected	M	F	Pass %
2010-2011	2061	104	66	38	82.28
2011-2012	2200	95	64	31	91.04
2012-2013	1207	93	66	27	78.57
2013-2014	1047	94	66	28	87.50
2014-2015	659	88	58	30	100
2015-2016	279	89	60	29	RA

#### Post Graduate (M.C.A. Science)

Name of the	Application		Enro	olled	
Course/programme	received	Selected	М	F	Pass %
2010-2011	421	71	40	31	95.16
2011-2012	780	76	44	32	98.00
2012-2013	630	66	30	36	91.66
2013-2014	567	64	30	34	95.71
2014-2015	393	63	22	41	84.61
2015-2016	163	51	23	28	RA

#### **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	-	-
2011-2012	100	-	-
2012-2013	100	-	-
2013-2014	100	-	-
2014-2015	100	-	-
2015-2016	98.68	0.44	0.88

## **Under Graduate (B.Sc. Animation)**

Name of the course B.Sc. Animation	trom the same	% of students from other states	% of students from abroad
2013-2014	100	-	-
2014-2015	100	-	-
2015-2016	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	-	-
2011-2012	100	-	-
2012-2013	100	-	-
2013-2014	100	-	-
2014-2015	100	-	-
2015-2016	100	-	-

#### Post Graduate M.C.A.

Name of the Course M.C.A.	%of students fromthe samestate	%ofstudents fromother states	%of students from abroad
2010-2011	100	-	-
2011-2012	100	-	-
2012-2013	100	-	-
2013-2014	100	-	-
2014-2015	100	-	-
2015-2016	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	94%
● Other than campus Recruitment	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

B.Sc. (Animation): 153

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, B.Sc. Animation, 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	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	
		Гotal	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
2011-12	75
2012-13	172
2013-14	98
2014-15	73
2015-16	90

Apart from this data, the Kartikeya Rindani Scholarship is offered to deserving students every year. The details are as follows:

Year	Name of the student	
	Swapna A Devendra	
2011-12	Abhijit Pachpor	
	Amol Bhalerao	
	SagarShinde	
2012-13	AishwaryaRisbood	
2012-13	Shweta Sathe	
	Rashmi Dhamale	
	TanujaGholap	
	SachinGahrewar	
2013-14	Pooja Deokar	
	DarshanaJadhav	
	Poonam Avhad	
	ShubhadaMaratkar	
2014-15	Pankaj Bagad	
	Neeta Sanas	
	Snehal Roman	

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

Year	Name of Institute / University / Department/ Agency / Industry	Topic
	Mr. Harold D'Costa CTO, Intelligent Quotient Security System	Current and future trends in Ethical Hacking
	Mr. Gautam Rege Director Josh Tech	Ruby On Rails
	Mr.Amit Bagaitkar, Manager, Symphony	Bioinformatics and genetic Algorithm
	Dr.Sanjay Kadam, Senior Scientist, C-DAC, Pune	Neural Networks
	Mr.Sushant Poundrik, Senior System Analyst, ,United Software Associates	Web services and Applications
	Lecture Series	
2011-12	1.Mr.Sanjay Katkar, CTO, Quick Heal Technologies	
2011-12	2. Mr.Anand Das	
	CTO, Pubmatic Pvt. Ltd.	
	3. Mr.Atul Kahate	
	Sr.Consultant, Oracle Financial Ltd	
	4. Mr.Gautam Rege, Director Josh Tech	
	5.Ms.Shraddha Joshi	
	Senior Software Engineer, PSL.	

	Prof.A.E.Lagad, AhmedNagarCollege,Nagar	Comp.ProgrammingCPrg. Bitwise Operator
	Ms.Shraddha Joshi, Senior Software Engineer,PSL	Advnet
	Mr. Swapnil Dharmadhikari, CEO,Splashgain Technologies	Cloud Computing,Google Search Engine
	Mr. Vikrant Sukhtankar, Director, Gyanteerth	Aptitute Test Preparation ,Soft Skills
2012-13	Dr. Sanjay Kadam, Senior Scientices, C-DAC, Pune	Applications of Artifical Neural Networks
	Indian Air force	Seminar on Placement opportunities in Indian Air Force
	C-DAC Advance Computing Training School	Participation in Tech-Sangam C-DAC Acedemic (collaboration Initiative Program)
	Amol Abhyankar (KPIT Cummins)	SAP/BI
2013-14	Chetan Patki (GE, USA)	Program Management
2013-14	Abhijit Patwardhan (Barclays)	Project Management
	Nitin Kudale (Wipro USA)	Web Development
	Sunil Yenpure Tata Consulting Services (Europe)	Microsoft Technologies
	MayuraPatil (IGate - Banglore)	Cloud Computing
	Shashank Joshi (Technoforth Technologies pvt. Ltd.)	.Net orchard
2014-15	Tauseef Ansari (Energia Wellbeing Pvt. Ltd.)	Career Exhibition
2014-13	HarshalZende (IBM)	Databases
	SachinKhairnar	Unix, C++, C#
	(Credit Suisse Europe Ltd)	Ollix, G++, G#
	Vishal Pai (Founder, Lumos –Creating Independent Programmers)	Android, PHP
2015-16	SagarDasalkar (Microsoft)	.net

#### 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. 'QH CONNECT':

The department conducts this activity every year since 2011. The students from different colleges in Pune city are shortlisted based on following criteria:

- Aptitude Test
- College can recommend maximum 2 students.
- Personal Interview of all shortlisted as well as recommended students and out of that we will select approx 45 students for 'QH CONNECT' program.
- On successfully completion of the program final interview process will be conducted.
- Selected candidate will be offered for Placement.

### 2. CAREER FEST

Career Fest is organized in the college since last two years. Different universities visit college and give guidance about the entrepreneurship to the students. The list of universities visited college is:

- ITM Hotel Management
- EcoleHoteliere
- Livewires
- LTA School of Beauty
- Columbus Travel Academy
- GIA
- Akemi B-School
- Seam Edu
- INIFD
- Krishjay Infotech

#### 3. CAREER EXHIBITION by "Energia Wellbeing Pvt. Ltd"

Career Exhibition is organized for college students from **11th Std. toTY 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.

## 4. 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.

On 4<sup>th</sup> August'14, ETS organized GRE Radio show at Modern College of Arts, Science and Commerce, Shivajinagar, Pune.

The Event was arranged for Graduate and Post Graduate students in order to generate awareness of future career prospects abroad and highlight the significance of GRE.

The activity was conducted with fun filled Quiz competitions for students. Mrs. Geraldine Debrass, Head, Client operations, Ms. SaritaFalcan, Lead, Client operations and Mr. Sushant Malhotra, Director, Satan's paradise addressed the audience and organized the Quiz.

The 1<sup>st</sup> winner Mr. Idris Wishiwala, student of MCA (Science) received a JBL Wireless Bluetooth Speaker. 2<sup>nd</sup> prize winner, Ms. SnehalPatil student of MCA(Science) and 3<sup>rd</sup> Prize winner, Mr. Parth student of Commerce received Power Bank(Portable Mobile Chargers).

The most happening and surprise event was the release of "GRE Anthem" at Modern College, Shivajinagar, Pune, the Anthem would be played world – wide. Audience were delighted with the motivational theme of the Anthem.

Attractive prizes:

1st Prize: JBL Wireless Bluetooth Speakers

2<sup>nd</sup> Prize & 3<sup>rd</sup> Prize: Power Bank (Portable Mobile charger)

#### 5. 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 12<sup>th</sup> 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), B.Sc. (Animation), 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 SPPU, 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:**

- Strengthen the facilities for B.Sc. Animation course.
- 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 Activities:-**

In today's competitive culture, the need of the hour in every field including that of education is remarkable excellence. Realizing this need, the Department of , Computer Science, Modern College, Pune-05 is constantly engaged in moulding futuristic information and communication technologists today.

#### Activities conducted during the year:

## Kartikeya Rindani Intercollegiate Programming and Quiz Contest (20th January 2016)

Kartikeya Rindani Programming contest is a joint endeavor of Rindani Family and the Alumni of our department. Dr. Girish Rindani and Mr. Swapnil Dharmadhikari were the chief guests of the program. Dr. Girish Rindani was felicitated with Kartikeya's portrait prepared by Prof. Sameer Nerlekar. Mr. Swapnil Dharmadhikari delivered a talk on Cloud Computing.

Around 48 students from various colleges actively participated in this event. Prof. Abhijeet Sathe worked as the coordinator of this event. Mr. Sagar Shinde, Mr. Chetan Khalkar, Mr. Chetan Jadhav, Mr. Sachin Sable and Mr. Rohit Prasad worked as Guides for the various events.

Six needy students of our department received Rs.15,000/- Scholarship to pursue their further education. The recipients were Mr. Prasad Bhave, Mr. Shubham Sable, Mr. Shubham Mahadik, Mr. Shubham Kshirsagar, Mr. Shivraj Birajdar and Ms. Swati Wakchure.

#### R.M Marathe Programming Competition (17th December 2015)

The contest was held on 17th Dec 2015. The competition was conducted in two rounds. The first round was an objective test. The shortlisted students appeared for On-line programming competition. Forty five students participated for the Objective test and nine students were shortlisted. The prize winner was Mr. Sumit Kangne. Prof. Madhuri Ghanekar worked as the coordinator for this programming contest.

#### Poster Competition (20th January 2016)

Poster Competition was conducted on 20th Jan 2016; the topics were Encryption, Computer Graphics, Ethical Hacking, Operating System, Satellite Communication, Big Data, Distributed Computing, Robotics, Gaming, Image Processing and Artificial Intelligence. Prof. Mrs. Manisha Suryawanshi worked as a coordinator for this activity.

#### Personality Development Programme

Mr. John Barlow and Mrs. Blessy Barlow from Heartfulness organization delivered a session on meditation for staff and students on 20th Jan' 2016.

#### Aura - 2k16 Animation Workshop (30th January 2016)

Aura 2K16, Modern Animator's Festival was organized on 30th January 2016 by the B.Sc. (Animation) students. The event was organized in the form of Exhibition and Project competition. A Seminar on VFX (Visual effects) was delivered by Mr. Anand Bhutkar. Prof. Sameer Nerlekar worked as the co-coordinator of Aura 2K16. B.Sc.(Animation) students actively participated in intercollegiate competitions and Smart city logo design.

#### "Zaroka" -

#### The Desktop..... article column

#### Seminars

Like every year the Department had organized a **Seminar Series** by inviting eminent personalities from the field of IT. Prof. Mrs. Manisha Suryawanshi worked as the Coordinator for the activity. This activity proved beneficial to the students as well as to the staff members and helped in establishing a college and industry relationship. All teaching and non-teaching staff members took active part, with administrative support from the office, for the smooth conduct of the seminar series.

#### **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 programs
- Project guidance is made available from Alumni to the students in the form of lectures, project guidance and by conducting counseling sessions
- Group Discussion and Seminars Group discussion sessions of the present students were arranged and seminar sessions of past students are arranged on every Saturday on different topics
- Active participation in organizing "Kartikeya Rindani Intercollegiate Progamming Contest-2014"
- Mock Interviews were conducted by the past students who are working in reputed IT industries for the current batch students to face the challenges of present competitive world and to prepare them mentally prepared for the competition.

## • Pride Alumni of Computer Science Department:

The brilliant students of our department are working at higher positions in various fields like Science and Technology, Research, Business, Banking, Industries, Education, Engineering, Medicine and Administrative Services etc. Some of them often visit our college and encourage and guide present batch students.

#### Staff achievements

#### 1. Prof. Sameer Badmanji

Technical support for all seminars and conference

#### 2. Prof. Manisha Suryawanshi

a. Presented poster at international conference on 'Innovations in teaching,learning and evaluation in

#### 70 Modern College, Pune - 5.

Higher education'

b. Working as Placement coordinator of the college

#### 3. Prof. Madhuri Ghanekar

- a. Member of T.Y.B.Sc. Lab Book for System Programming
- b. Completed DOEACC 'C' level course (equivalent to M.Tech)
- c. Completed Stanford University online 6 weeks course on Automata with 71.4% marks
- d. Participation in the 'Stree-Sakhi' program on 'Aakashwani Pune' about tourism
- e. Completed 'Gita Santha Varg' course of Gita Dharma Mandal
- f. Various prizes about Gita: 1) 2 nd prize- Chapter Recitation; 2) Consolation prize Commentary on the verse

#### 4. Prof. Abhijeet Sathe

Technical support for all seminars and conference

#### 5. Prof. Sangeeta Raut:

Member of T.Y.B.Sc. Lab book for PHP

#### 6. Prof. Anjali Sardesai

- a. Research Paper is published in International Journal of Intelligent Systems
- b. Two text books published for T.Y. B.Sc. Computer Science
- c. Worked as Chairperson for S.Y.B.Sc. Animation Syllabus restructuring committee.
- d. Worked as chairperson for F.Y.B.Sc. and S.Y.B.Sc. Animation Lab book published by SPPU
- e. Worked as resource person in S.Y.B.Sc. Animation Syllabus restructuring workshop

#### 7. Prof. Vaishali Bhoite:

- a. Attended a two-day National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics on 16th & 17th January, 2016 in Indira College of Commerce and Science.
- b. Organized several workshops of Value Education on Yoga and Meditation
- c. Successfully does 'Server set up' of B.Sc. Computer Science and M.C.A. laboratory every year

#### 8. Prof. Shilpa Dange

Presented a paper on Staganegraphy in CSI 2015 in 50th Golden Jubilee Annual convention at Delhi

#### 9. Prof. (Dr.) Kalyani Salla

a. Completed her Ph.D. in Computer Science from Savitribai Phule Pune University in April' 2016

b. Two Journal paper publications in process in Elsevier

#### 10. Prof. Shweta Jawale

Attended a two-day National Conference on Recent Trends in Computer Science & Applications and Computational Mathematics on 16th & 17th January, 2016 in Indira College of Commerce and Science.

#### 11. Prof. Asha Sagar

Completed M.C.A. under Science faculty

#### 12. Prof. Sonali Deshmukh

Two text books published for T.Y. B.Sc. Computer Science

#### 13. Prof. Sameer Nerlekar

- a. Worked as a member in S.Y.B.Sc. Animation Labbook published by SPPU
- b. Worked as member in S.Y.B.Sc. Animation Syllabus restructuring sub-committee
- c. Attended S.Y.B.Sc. Syllabus restructuring workshop at Ahmednagar
- d. Organized and coordinated a Workshop cum exhibition 'Aura' in Animation Section

#### 14. Prof. Jigisha Pawar

- a. Published a textbook for T.Y. B.C.A.
- b. Presented poster at international conference on Innovations in teaching and evaluation in Higher education

#### 15. Prof. Trupti Gohad

Presented poster at international conference on Innovations in teaching and evaluation in Higher education

#### Student achievements and awards:

Students took lead in organizing Project Exhibition, Poster Competition, Quiz Contest and Programming Contest and participated in various intercollegiate events. Students secured prizes in the various intercollegiate events and competitions.

# **Placement Service provided to the students:**

- Department of Computer Science has a Placement Cell and runs placement activity through a
  Placement Cell for Post-Graduate Students and Under-Graduate Students. Prof. Manisha
  Suryawanshi has been working as a Placement Coordinator and Chairperson of the Placement
  Committee for the placement activity under her able guidance 95% of students from the PostGraduate 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 the 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 on line admission process of F.Y.B.Sc. (Computer Science), MCA and M.Sc.(Computer Science) courses.
- A committee was constituted for conducting M.Sc. (Computer Science) and MCA Entrance Examinations in May 2015. Dr. G.R. Ekbote (Chairman, P.E. Society) Prof. P. S. Chirputkar (Chairman, LMC), Dr. A. K. Pande (Chairman, LMC), Prof. Mrs. Jyostna Ekbote (Chairperson, LMC) Principal Dr. R. S. Zunjarrao (Chairman of the Entrance Examinations Committee) provided necessary guidance and administrative support in organizing the entrance examinations smoothly.

**Prof. Deshmukh Shamkant**Vice Principal and Head

# **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

Ph.D.: PG Research Centre in Economics from 2013 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 with Choice Based Credit System.

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	1 *		
	M.A. M.Phil. Ph.D., MBS(HR)	HOD Associate Professor	Economics	30 yrs	7
Dr. A. H.Shende	M.A. Ph.D.,NET, SET	Associate Professor	Economics	17 yrs	1
Dr. S.S.Deshmukh		Associate Professor	Economics	14yrs	NA
	M.A. M Phil. SET	Asst. Professor	Economics	25yrs	NA
Miss Padmashri Mujumdar	M.A. M Phil. SET	Asst. Professor	Economics	13yrs	NA
Dr. J.P. Nambiar	M.A. M.Phil. Ph.D.,	Asst. Professor	Economics	8 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 DSc/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

#### • Dr. M.M.Satam

UGC Minor Research Project sanctioned of Rs. 1,70,000 for 2014- 2016, entitled 'Financial Services And Women Empowerment In Rural Maharashtra'.

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

#### • Dr.A.H. Shende

Major Research Project, ICSSR (Grant- Rs. 800,000), 2014-15 Dr. A.H. Shende- ICSSR "A Study of Competition, Cooperation and Conflict of India and China with special reference to Trade and Commerce Rs.8,00,000

#### 18. Research Centre /facility recognized by the University

Ph.D. Research Centre in Economics is recognized by the SPPU, pune, from December 2013.

#### 20. Publications:

	F	apers			Books		SI
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications
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	1	-	1
Dr. 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 -

#### 74 Modern College, Pune - 5.

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
- Miss. Sayani Biswas, a student of T.Y.B.A did a project on 'e shopping and consumer behaviour' for Avishkar 2015
- Sudarshan Patil, a student of MA Economics did a project for Avishkar 2015 on 'Slowdown in China: Lessons for India'

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

#### Students:

- Ms. Sayani Biswas awarded second prize in AVISHKAR state level research competition in 2015.
- Kanhayya Babar : National Shooter
- Priyadarshini Padher: Pursuing post graduation in Economics in USA

## 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 Savitribai Phule 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 7<sup>th</sup> and 8<sup>th</sup> of January 2011
- iii. Department of Social Sciences, Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5, had organized one day Seminar on "Current Status of Social Sciences and future scope", on Wednesday, 11<sup>th</sup> of January 2012.
- iv. Workshop on T.Y.B.A syllabus restructuring of SPPU in Jan 2015

#### 26. Student profile programme/course wise:

#### B.A.

Name of the Course/programme	Application		Enrolled		
	received	Selected	*M	*F	Pass %
2010- 2011	239	161	102	59	48.14
2011-2012	246	173	99	74	96.96
2012-2013	282	207	120	87	64.00
2013-2014	314	219	136	83	85.71
2014-2015	364	201	118	83	100
2015-2016	378	193	108	85	RA

#### M.A.

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

2011-2012	58	30	19	11	99.00
2012-2013	73	34	19	15	64.00
2013-2014	45	22	16	6	86.00
2014-2015	55	31	16	15	100
2015-2016	82	48	30	18	RA

# **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
2011-2012	98.24	1.32	0.44
2012-2013	97.82	1.82	0.36
2013-2014	100	Nil	Nil
2014-2015	94.1	1.24	4.66
2015-2016	96.56	0.52	2.92

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
2011-2012	91.30	5.80	2.90
2012-2013	89.39	3.03	7.58
2013-2014	92.59	3.70	3.70
2014-2015	87.76	4.08	8.16
2015-2016	89.39	2.02	8.59

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

Peggu Dinesh, a student of M.A. Passed SET exam in 2014

## 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	
<ul> <li>Campus selection</li> </ul>	-
<ul> <li>Other than campus recruitment</li> </ul>	-
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
2011-12	29
2012-13	71
2013-14	164
2014-15	124
2015-16	119

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

- Remedial course for F.Y.B.Com. students was conducted in the academic year 2012-13.
- Dr. Santosh Dastane, Eminent Economist and Former Director of Wadia Management Institute, Pune
- Dr. Medha Dubhashi Professor and Chair (Pratibha Patil Chair for Women 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 Activities:-**

The members of the department of Economics organized and participated in the following events for the year 2015-16:

#### Activities

- 1) The department organized Banking Exhibition on various subjects related to Banking and Finance like Currency Museum, Bank Notes, Bank Products and Services, etc. The Posters and Flexes on Banking were prepared by the students on 15<sup>th</sup> Jan 2016.
- 2) The PG Research Centre of the Department of Economics published a research annual entitled RESECO Research in Economics- A Research Annual of Post Graduate Research Centre of Economics Vol.1 (Issue1), October 2015, ISSN: 2395-6860. Dr. Madhu Satam is the Chief Editor of RESECO.
- 2) Miss Sayani Biswas, a student of T.Y.B.A. Economics, won the 2nd Prize at the State level Research Competition AVISHKAR 2015, organized by SPPU, under the guidance of the Head.
- 3) Mr Pandurang Kasbe, a student of Banking participated in research competition organized by INDSEARCH, on 23<sup>rd</sup> Dec 2015. The student was awarded Third Prize and Rs. 5000 cash prize, under the guidance of the Head.
- 4) Balaji Talegave, a student of M.A. Economics participated in Elocution competitions and received prizes from different colleges.

#### Achievements of Teachers

#### 1. Dr. M.M.Satam

### Conferences and publications

- Invited as Resource Person for State Level Seminar on 'Role of Service Sector in Indian Economy' at Annasaheb Magar College, Pune on 29th Jan 2016.
- Invited as Resource Person for State Level Seminar on 'Make in India' at Indrayani Mahavidyalaya, Talegaon Dhabhade on 13<sup>th</sup> Feb 2016.
- Paper presented and published in Proceedings of State Level Seminar on 'Critical Appraisal of Economic Growth of Maharashtra since 1991' on 23<sup>rd</sup> Jan 2016.
- Abstract published in the research Journal of Madhya Pradesh Economic Association in March 2016.

#### **Other Achievements**

- Participation and Poster Presentation on 'Financial Inclusion of Youth' in Innovation 2015 on 3<sup>rd</sup> July 2015 at GMD College, Sinnar.
- Participated as member of Organizing Committee in National Conference on Emotional Intelligence on 5<sup>th</sup> and 6<sup>th</sup> Feb 2016 in Modern College, Pune 05.
- Participated as member of Organizing Committee in International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' on 29<sup>th</sup> and 30<sup>th</sup> Jan 2016 in Modern College, Pune 05.
- 4. Participated as member of Review Committee in International Conference at Abasaheb Garware College on 'Dr. B.R. Ambedkar's Economic and Social Thoughts and their contemporary Relevance' on 4<sup>th</sup> and 5<sup>th</sup> March2016.
- Appointed as Chairman for M.A. Economics Part- II Exams and PGDFT Exams of SPPU in April/May 2016.

#### 2. Dr.A.H.Shende

Completed Major research project.

#### 3. Dr. S.S. Deshmukh

- Paper presented and published titled "ShetakaryanchyaAtmahatya: EkShodh" in National Seminar on Farmers Suicides in India organised by Shri. Shahu Mandir Mahavidyalaya, Pune on 22<sup>nd</sup> and 23<sup>rd</sup> January, 2016 ISBN:978-81-923922-5-7
- Attended Short Term Course on "Research Methodology in Social Sciences" organised by UGC-HRDC Mumbai University from 14<sup>th</sup> to 19<sup>th</sup> March, 2016.

#### 4. Mrs. S.A.Vartak

- Attended three days National Workshop on Approaches in Social Research, 25<sup>th</sup> -27<sup>th</sup> June 2015, at TISS Mumbai organised by TISSAA.
- Attended two week Capacity Building Programme for Social Science faculty organised by the Centre for Research Methodology, TISS from 18<sup>th</sup> October to 31<sup>st</sup> October 2015, sponsored by ICSSR, New Delhi.
- Attended National Conference on "Remembering Nash" organised by S.P.College, Pune on 15<sup>th</sup> and 16<sup>th</sup> February, 2016.
- iv)Presented paper titled "Demographic Changes and Challenges of Population Aging" at National conference on Exploring Contemporary Trends in Social Sciences on 7th and 8th March, 2016 organised by S.P.College and supported by BCUD, SPPU.
- Worked as a member of organising committee for the national conference on "Emotional Intelligence: Role in Human Life" organised by the Department of Psychology, Modern College of Arts, Science and Commerce, Pune-5 on 5th and 6th February 2016.

# 5. Ms. P.B.Mujumdar

- Completed Refresher Course in the subject Computer Application in Social Sciences (Economics) conducted at Department of Education and Extension, SPPU from 12/10/2015 to 1/11/2015.
- Presented paper titled "Measurement of Financial Performance of Commercial Banks by Applying CAMEL Model: A Case Study of State Bank of India" at state level seminar on "Recent Development in Indian Banking System" organised by Kaveri College of Arts, Science and Commerce, Pune on 23<sup>rd</sup> January, 2016.
- Worked as a member of organising committee and attended International Conference on "Innovations in Teaching, Learning and Evaluation in Higher Education" organised by Modern College of Arts, Science and Commerce College, Pune -5 on 29th and 30th January, 2016.
- Worked as a member of organising committee for the national conference on "Emotional Intelligence: Role in Human Life" organised by the Department of Psychology, Modern College of Arts, Science and Commerce, Pune-5 on 5<sup>th</sup> and 6<sup>th</sup> February 2016.
- Attended National Conference on "Remembering Nash" organised by S.P.College, Pune on 15<sup>th</sup> and 16<sup>th</sup> February, 2016.

#### 6. Dr.JaysreeNambiar

- Awarded Ph.D. in Economics from SavitribaiPhule Pune University on "Impact of Organised Retail Sector on Unorganised Retail Sector with reference to consumer Durables".
- Published research paper in RESECO A Research Annual of Post –graduate Research Centre, Department of Economics, Modern College, Pune-5 titled "Foreign Trade Liberalisation in India Since 1991" Vol.1(Issue1), October 2015, ISSN: 2395-6860.
- Published research paper "MGNREGA- A Solution to Disguised Unemployment in India" in the proceedings of National Seminar on "MG NREGA- Problems and Prospects" organised by Poona College on 29<sup>th</sup> and 30<sup>th</sup> January, 2016. ISSN No: 978-81-931130-0-4.
- Worked as a member of organising committee and attended International Conference on "Innovations in Teaching, Learning and Evaluation in Higher Education" organised by Modern College of Arts, Science and Commerce College, Pune -5 on 29th and 30th January, 2016.
- Worked as a member of organising committee and attended the national conference on "Emotional Intelligence: Role in Human Life" organised by the Department of Psychology, Modern College of Arts, Science and Commerce, Pune-5 on 5th and 6th February 2016.

# **7. Prof. Mrs Puja Badekar** – Passed SET Exam.

# **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: Choice Based Credit system 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. :
- 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.	28	-
Prof. D.B.Gaikwad	M.Sc. A.D.C.S.S.A.	Associate Professor	Electronic Sc.	28	-
Prof. B.B.Yenage	M.Sc. A.D.C.S.S.A.	Associate Professor	Physics	28	-
Prof. T.B.Sonawane	M.Sc. SET	Assistant Professor	Electronic Sc	08	-
Prof. T.R.Kumbhar	M.Sc. SET	Assistant Professor	Electronic Sc	06	-
Prof. M.R. Bodke	M.Sc.	Assistant Professor	Electronic Sc	10	-
Prof. A.V.Kamble	M.Sc.	Assistant Professor	Electronic Sc	14	-
Prof. P.S.Varade	M.Sc. SET	Assistant Professor	Electronic Sc	14	-
Prof. R.V.Vidap	M.Sc.	Assistant Professor	Electronic Sc	10	-
Prof. Ameeta A Kulkarni	M.Sc.	Assistant Professor	Electronic Sc	14	-
Prof. V.A. Chaudhari	M.Sc.	Assistant Professor	Electronic Sc	01	-
Prof. G.M.Tarte	M.Sc. SET	Assistant Professor	Electronic Sc	08	-
Prof. U.N.Kothavade	M.Sc.	Assistant Professor	Electronic Sc	08	-

## 11. List of senior visiting faculty:

• Dr U N Hivarkar, IGATE

- Dr A D Shaligram, Professor and Head of the Department of Electronic Science, Savitribai Phule Pune University.
- Dr. Dr.Smt. Damayanti C.Gharpure, Professor, Department of Electronic Science, Savitribai Phule 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. Number of faculty with ongoing projects from a) national b) International funding agencies and grants received:

Prof. P.S. Varade: Design & development of surface acoustic wave based gas sensors", 2014-2016, BCUD, Savitribai Phule Pune University, Grants Rs. 1,90,000/-

# 17. 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/-

# 18. Research Centre / facility recognized by the University

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

#### 19. Publications:

		Paper	s		Books		ons	ctor	u	
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications	Total impact factor	Total citation	h-Index
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	-	-	-	-	-	-	-	1
Prof. P.S.Varade	-	1	1	-	-	-	2	-	-	-
Prof. R.V.Vidap	3	0	7	-	-	-	10	6.277	6	1

# 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: 80%
- b) Percentage of students placed for projects in organizations outside institution i.e.in Research laboratories/Industry/ other agencies: 20%

# 23. 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 SPPU						
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			

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

- Dr.A. D. Shaligram, Head of the Department of Electronic Science Savitribai Phule Pune University, Pune 411 007
- Prof. Z.B.Pathan1, 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.

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

#### a. National:

- National Conference on Hazardous e-waste management was held on 23<sup>rd</sup> and 24<sup>th</sup> December 2013., BCUD Rs. 100000/-
- National workshop on Embedded system Design using ARM processor was held on 2-22 Oct 2008., BCUD Rs. 125000/-

### 26. Student profile programme / course wise :

B.Sc.

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

2012-2013	326	60	30	30	25.71
2013-2014	402	64	28	36	77.77
2014-2015	396	64	29	35	60
2015-2016	427	100	52	48	RA

M.Sc.

Name of the	Applications		Enrolled		
Course/program me	received	Selected	M	F	Pass %
2010-2011	59	26	9	17	86.95
2011-2012	62	26	19	7	76
2012-2013	48	20	11	9	95.60
2013-2014	55	23	10	13	84.21
2014-2015	48	23	8	15	95
2015-2016	26	12	11	11	RA

# 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
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	0.5	0.05
2015-2016	98.59	1.19	0.22

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
2011-2012	94.44	5.56	0.00
2012-2013	95.56	4.44	0.00
2013-2014	100.00	0.00	0.00
2014-2015	100.00	0.00	0.00
2015-2016	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/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

# 29. 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-	2%

employment

#### 30. 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

# 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	50
2011-12	74
2012-13	65
2013-14	132
2014-15	163
2015-16	153

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

# 32.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
Robot Workshop 8051 based Firebird robot as a platform to study embedded C for 8051.	24 Sept 2011	One
one day college level Imagine 2011 poster competition cum presentation	25 <sup>th</sup> February 2012.	One
one day college level Imagine 2012 poster competition cum presentation	25 <sup>th</sup> February 2012.	One
This two day state level workshop on Digital System Design using VHDLon CPLD board	10 and 11 February 2012.	One
Two days training program on ROBOT using 8051	5 <sup>th</sup> and 6 <sup>th</sup> January 2015	One
Two days training program on ROBOT using 8051	10,11 February 2016	One

#### 33. Teaching methods adopted to improve student learning:

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

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

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

#### 35.WOC 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
  - o Organizing industry academia meets
  - o Preparing e-brochure of students for enhancing student employability
- Enhancing the quality of education, through the collaborative activity with SPPU, 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 Activities:-**

Department of Electronic Science of the college was actively engaged in various academic, curricular and extracurricular activities during the year. The student strength of the department was about 712 during academic year 2015-16, which includes Junior, Senior and P.G. students. Recognized Post Graduate Research Centre by University of Pune in Electronic Science was established from July 2011.

## [A] Activities conducted during the year

- A group of four students successfully completed project on "Superconductor and room temperature superconductivity", under Yuva Sanshodhak Scheme of the college.
- A Project competition "IMAGINE-2016" was organized on 27th February 2016.
- The students of F.Y.B.Sc. Vocational (Computer Maintenance and Network Administration) arranged industrial visit to 'Creative Engineers S.No.15/A/2 Unit no. 8/9, Darvatkar Industrial Estate, Near Savali Dhaba, Nanded Phata, Off Sinhgad Road, Pune, on 28 August 2015.
- S.Y.B.Sc. and T.Y.B.Sc. Electronic Science along with three teachers organized a study tour to Amtech Electronics (India) Ltd., Gandhinagar, Gujarat from 7th January to 10th January 2016.
- Guest lecture on 'Circuit design and testing' by Prof. D.S. Diwate was organized for S.Y.B.Sc. Students.
- Guest lecture on 'Quantum mechanics- Applications in Electronics', by Prof. J.V. Khedkar was organized for T.Y.B.Sc. and M.Sc. students.

#### [B] Research, Paper Presentation by Staff Members

#### Prof. S.R.Chaudhari

1. Published a research paper "Analysis of environmental impact of e-waste and scheme for its reduction", in International refereed Multidisciplinary Journal of Contemporary Research

.ISSN:2319-5789 EISSN:2320-3145

- 2. Presented a research paper "Use of Digital media in teaching Quantum Mechanics" at International Conference on 'Innovations in Teaching ,Learning and Evaluation in Higher Education', conducted at Modern College of Arts, Science and Commerce, Shivajinagr, Pune -5, on 29th and 30th January 2016.
- 3. Published a research paper "Development of Microcontroller Based System for the Diagnosis of pH Electrode", International Journal of Innovative Research in Science, Engineering and Technology, ISSN (Online): 2319-8753, ISSN (Print): 2347-6710, Vol. 4, Issue 8, August 2015, pp 7814-7820.

#### Prof P.S. Varade

Ongoing BCUD, SPPUU project "Design and Development of SAW gas sensor", funded amount Rs.1,90,000/-.

# [C] Activities & Support from Alumni.

Our Alumni student visited the department on various occasions. Particularly students from Vocational course contribute in practical training to students and Post graduate students guide the students regarding placements and technology revolutions in various fields of electronics. Many of the past students from post graduate students visited on the occasion of project competition "IMAGINE-2016", on 27th February 2016.

# [D] Achievements by students

All T.Y. B.Sc. students attended one day workshop at Abasheb Garware College on 'Learning Through Demonstrations'.

## [E]Achievements by staff members

#### 1. Prof. S.R. Chaudhari

- Special invitee by Board of Studies in Vocational courses of SPPU for syllabus framing in Computer Hardware and Network Administration.
- Worked as organizing secretary for International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' organized on 29, 30 January 2016.
- Worked as Advisor, Organizing Committee for the National conference on "Emotional Intelligence: Role in Human Life", organized by Department of Psychology of Modern College, Shivajinagar, Pune -411005, conducted on 05th and 06th February 2016.
- Attended one day workshop on "Graduation Ceremony" organized by Modern College of Arts, Science and Commerce, Shivajinagar, Pune in association with Savitribai Phule Pune University on 13 th January 2016.

### 2. Prof B.B.Yenge

Successfully conducted Alumni meet of NCC Cadets on 25th October 2015. 35 Cadets passed out from 1997 participated in the same. Ex-NCC officer, Army wing Dr. T.D. Nikam was also present for this meet.

# 3. Prof D.B. Gaikwad

- Participated in State Level Seminar on 'Embedded System and Robotics', organized by D.Y. Patil College of Engineering, Akurdi on 18 Feb 2016.
- Successfully completed with A+ Grade a course on 'Introduction to Computer Programming' an on-line learning initiative of IIT, Bombay from 16 July to 21 Dec 2015.

#### 4. Prof T.B.Sonawane

- Conducted industrial visit of S.Y.B.Sc. and T.Y.B.Sc. Electronic Science to 'Amtech Electronics (India) Ltd.', Gandhinagar, Gujarat from 7th January to 10th January 2016.
- Placement in Assistant Professor Stage 2 to 3 (AGP 7000 to 8000) through CAS program conducted by SPPU, placement Camp organized at Poona College on 19/08/2015.

#### 5. Prof. M.R.Bodke

• Conducted industrial visit of S.Y.B.Sc. and T.Y.B.Sc. Electronic Science 'Amtech Electronics (India) Ltd.', Gandhinagar, Gujarat from 7<sup>th</sup> January to 10<sup>th</sup> January 2016

#### 6. Prof. A.V.Kamble

- Attended "National Integration Camp", of NCC at Bodh-Gaya, Bihar as contingent leader of Maharashtra team in December 2015.
- Appointed as member of 32/5 committee of Savitribai Phule Pune University in March 2016.
- Appointed as Member of Local Inquiry Committee by Savitribai Phule Pune University in March 2016.
- Organized NCC past student get- together in January 2015.

#### 7. Prof P.S.Varade

- Attended the hands- on- training workshop on 'Nanofabrication Technology' during the period 02 July to 10 July 2015 organized by IISC Bangalore.
- Organized District level Pre-NRD/SRD selection camp for NSS volunteers on July 2015.
- Worked as Chairman for syllabus restructuring of Hotel Catering and Management College, Shivajinagar, Pune. (NSS as an elective subject at fifth Semester of Hotel management course)
- Participated in International Mind Education Seminar for Educational leaders, organized by International Mind education institute held at PUMBA, SPPU on 16th October 2015.
- Attended workshop on 'Understanding of origin and Endnote software' organized by Centre for Sensor studies APPU, on 17th October 2015.
- Participated in National level workshop on "MEMS and Microsims" organized by MIT College , Pune and ISSS Pune chapter.
- Participated and worked as organizing member in workshop "Digital India" organized by Government of India at Savitribai Phule Pune University.
- Recipient of 'Best Teacher Award' for Academic year 2015-16, by Uttar Bharati Sangh Pune.

#### 8. Prof G.M.Tarte

• Conducted Two days training program on ROBOT using 8051 for T.Y.B.Sc. students.

#### 9. Umesh Kothawade

• Worked as a Resource person and conducted Two days training program on ROBOT using 8051 for post graduate students at T.C. College Baramati on 15<sup>th</sup> and 16<sup>th</sup> January 2016.

#### 10. Prof. Yashavant Patil

• Conducted industrial visit of F.Y.B.Sc. Vocational course students to 'Creative Engineers' Darvatkar Industrial Estate, Nanded Phata, Off Sinhgad Road, Pune, on 28 August 2015. During this academic year Miss. Manali Dalal and Miss. Neeta Patil contributed to Post Graduate section. Mr. Mangesh Dayaphule worked as a visiting lecturer for Vocational course. Prof. A.G. Gosavi conducted lectures on 'Entrepreneurship' for T.Y.B.Sc. Vocational course. Dr. M.S. Zambre, Dr. P.K. Bhadane and Dr. Umesh Hiverkar are research guides at our research centre and conduct lectures for Post graduate course. Currently five research students are purusing research work for their Ph.D. Degree in Post Graduate Research Centre of Electronic Science.

S.R. Chaudhari, Head

# **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 with Choice Based Credit System

6. Participation of the department in the courses offered by other Departments:

Participation in teaching to:

- B.Sc. Bio-Technology, B.Sc. Animation, and M.Sc. Zoology
- Papers on Soft Skills, Human Rights and Cyber Security for all PG departments
- 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	18 years	-
Prof.Dipali Lodh	M.A. SET	Asst. Prof.	Literature	5 years	-
Prof.Pallavi S. Math	M.A. SET	Asst.Prof.	Literature	3 years	-
Prof.Sangita Sarma	M.A., M.Phil.,L.L.B, L.L.M	Asst.Prof.	Language & Literature	8 Years	-
Prof. Pankaj Lokhande	M.A. (Pursuing Ph.D.)	Asst.Prof.	Literature	2 year	-

#### 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:

		Раре	ers		Books		ions
Name of the faculty	International	National	Presented in Conference	International	National/Local	Book chapter	Total publications
Prof. Mrs. Alka A. Kamble	-	-	3	-	-	-	3
Prof.Dipali Lodh		-	6	•	-	1	6
Prof.Sangita Sarma		-	2	-	-	-	2
Prof. Pankaj Lokhande		-	1	•	-	-	1

## 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 students in the college.

#### c) Editorial Boards

Prof. Alka Kamble

- Associated with Dr. Nicole Thiara, Center for Postcolonial Studies, Nottingham Trent University, UK.
- o Member of the Editorial Board of an international conference on 'Employabilty Enhansment through proficiency in Indian and foreign languages'.
- o 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, Savitribai Phule 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	Application		Enrolled		
Course/programme	received	Selected	M	F	Pass %
2010- 2011	239	234	143	91	100.00
2011-2012	246	227	124	103	100.00
2012-2013	282	271	152	119	100.00
2013-2014	314	295	170	125	89.79
2014-2015	364	328	173	155	91.30
2015-2016	376	327	178	149	RA

M.A.

Name of the	Application		Enro	lled	
Course/programme	received	Selected	M	F	Pass %
2010- 2011	95	60	28	32	100
2011-2012	98	60	35	25	100
2012-2013	110	60	20	40	100
2013-2014	92	54	34	20	89.79
2014-2015	80	44	22	22	91.30
2015-2016	102	61	37	24	RA

#### 27. Diversity of Students:

B.A.

Year	% of students from	% of students from	% of students
	the same state	other States	from abroad
2010-2011			
	100	Nil	Nil
2011-2012	98.24	1.32	0.44
2012-2013	97.82	1.82	0.36
2013-2014	100	Nil	Nil
2014-2015	94.1	1.24	4.66
2015-2016	96.56	0.52	2.90

M.A.

Year		% of students from other States	% of students from abroad
2010-2011	94.87	4.27	0.85
2011-2012	97.37	0.88	1.75
2012-2013	95.54	3.57	0.89
2013-2014	88.18	3.64	8.18
2014-2015	89.87	2.53	7.59
2015-2016	95.56	1.32	3.12

# 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	
<ul> <li>Campus selection</li> </ul>	10%
<ul> <li>Other than campus Recruitment</li> </ul>	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
2011-12	36
2012-13	83
2013-14	177
2014-15	131
2015-16	120

- 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
  - o A Certificate Course in Industrial Translation and Content Writing
  - o 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 Activities:-**

Following activities were conducted in the year 2015-2016:

- 1) A Lecture Series was organized on "Career in Foreign Languages" on 20th August 2015 in association with Rotary Club of Shivajinagar, Pune
  - Following resource persons were invited:
  - a) Aditi Wadnerkar: Chinese Language Expert
  - b) Manasi Shirgurkar: Japanese Language Expert
  - c) Lalita Marathe: German Language Expert and Translator
  - d) Sandeep Nulkar: BITS, Pune (Translation Company)

Following students were felicitated by Rotary Club of Shivajinagar, Pune for their efforts in language skills

- a) Roma Milind Abhyankar for pursuing her studies in English in spite of her background in Finance studies
- b) Uma Kurdukar for her multilingual skills. She is pursuing her studies in Spanish, German and Japanese
- c) Ashwini Patil as a promising student in German classes
- d) Vilina Inamdar for her studies in Marathi in spite of her being Ph.D. in Geography
- 2) A Lecture Series was organized on "Career in Journalism" on 6<sup>th</sup> January 2016 in in association with Rotary Club of Shivajinagar, Pune

Following resource persons were invited:

- a) Madhav Mukund Gokhale : Bilingual Journalist from Sakal Papers
- b) Radhika Sathe: Fashion Journalist
- c) Prabha Chandran: Sahara India Ltd. e-media expert

Mrs. Alka Kamble worked as a coordinator for these two programmes

- 3) Book Club activity was conducted by Ms. Dipali Lodh and Ms. Sangita Sarma
  - Following books were read in class followed by the discussion. The students of F.Y.B.A. General English and S.Y. and T.Y.B.A. special English participated in the activity.

13th July 2015- The Sign of Four- Sir Arthur Conan Doyle.

1st August 2015- Not Without My Daughter - Betty Mehmoody

31st August 2015- The Scarlet Letter- Nathaniel Hawthorne

21st September 2015- Dollar Bahu- Sudha Murthy

13th February 2015- Jane Eyre- Charlotte Bronte.

- 4) Mrs. Alka Kamble screened "Wada Chirebandi" (The Old Stone Mansion) for S.Y. B.A. class and "Guide" for T.Y.B.A. class.
- 5) Mrs. Pallavi Math organized essay competition, word building, elocution and literary quiz in the Additional English class. The story "The Last Leaf" for S.Y. B.A. and "King Lear" was screened in M.A. classes
- 6) Mr. Pankaj Lokhnde screened "Waiting For Godot" for MA classes.

#### Staff Activities:

#### Mrs. Alka Kamble

- a) Worked as a coordinator for Rotary Club of Shivajinagar, Pune Programmes. Six lecture series were organized on career opportunities in the field of Music, Languages, Designing and Journalism.
- b) Was invited as honorary guest for an International Conference organized by STC (Society for Technical Communication, International Organization )
- c) Was invited to chair a session at National Conference organized by ELTIS Symbiosis, Pune ,on "Developing Listening Skills" on 5th and 6th February 2016
- d) Worked as chairman of Medical Check up Committee. Held Medical Check up camp of 1300 students of FY classes
- e) Worked as Member of organizing committee Two Day National Seminar organized by Psychology Department of the College
- f) Conducted a session at Soft Skills Workshop on Phonetic Sounds of English funded by SPPU in the college
- g) Attended a seminar organized by Azam College of Education on 26th February 2016
- h) Attended a two day workshop on Use of Innovative Techniques in Teaching organized by P.E. Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5

# Ms. Dipali Lodh

- a) Conducted classes for M.Sc. Zoology students on Skills in Scientific Communication and Writing
- b) Completed a Refresher Course in Indian Languages organized by the Department of English , SPPU, with an A Grade
- c) Was invited as Visiting Faculty for PG students at Nowrosjee Wadia College, Pune and St. Mira's College for Girls, Pune
- d) Delivered a Guest Lecture at Kaveri Collee if Arts, Science and Commerce, Pune on 'Popular Writing in English in India on 28th Jan. 2016
- e) Presented a paper entitled 'Chick-Lit: An Emerging Trend in Indian English Writing at a National Conference at Abeda Inamdar College of Arts, Science and Commerce , Pune on  $29^{\rm th}$  and  $30^{\rm th}$  Jan. 2016
- h) Worked as Member of organizing committee Two Day National Seminar organized by Psychology Department of the College on 'Emotional Intelligence Role in Human Life'" on  $5^{\rm th}$  and  $6^{\rm th}$  February 2016

#### Mrs. Pallavi Math

- a) Attended a seminar organized by Azam College of Education on 26th February 2016
- b) Attended a two day workshop on Use of Innovative Techniques in Teaching organized by P.E. Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune 5
- c) Worked as Member of organizing committee (Editorial Committee) Two Day National Seminar organized by Psychology Department of the College on 'Emotional Intelligence Role in Human Life'" on  $5^{\rm th}$  and  $6^{\rm th}$  February 2016

### Ms. Sangita Sarma

- a) Undertook Lectures on Human Rights Education (HRE) based on syllabus as prescribed by the S S P Pune University for all Post Graduate Departments at Modern College of Arts, Science and Commerce.
- b) Participated in a National Conference on 'Status of Languages in the Process of Translation from English to Marathi and Vice Versa' at Shahu College during January 08-09, 2016
- c) Presented a Paper titled "Is Indian Feminist writing in danger of being stereotyped?" at a One Day State Level Seminar on "Recent Trends and Changes In Indian English Literature"; held at Appasaheb Jedhe Arts, Commerce & Science College on January 23, 2016.
- d) Participated in a State Conference on 'Translation Trends and Studies: Tools and Challenges' at S P College, Pune during March.

# Mr. Pankaj Lokhande

- a) Conducted Communicative English Classes for weak students
- b) Conducted Translation Studies Programme for PG students of the Department under Skill Development Programm
- c) Worked as Member of organising committee of "Vyapar Mela".

**Prof. Alka Kamble** Head

# **Department of Fashion Technology**

- 1. Name of the department: Department of Fashion Technology
- 2. Year of Establishment: 2015
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

Community College

Certificate & Diploma course in Dress Designing & Tailoring

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

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.: 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
Manasi Thakur	M Sc	Head of the Department	Fashion Design	15	-

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

Mr. C. N. Vartak, Retd. Professor, School of Fashion Technology, Pune.

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

Certificate & Diploma course in Dress Designing & Tailoring: 20%

13. Student - Teacher Ratio (programme wise):

Certificate & Diploma course in Dress Designing & Tailoring: 25:1

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	Filled
Class 3	1
Class 4	-

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	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: 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:

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: Nilb) International: Nilc) District: Nild) State: Nil

26. Student profile programme/course wise:

Name of the	Application		Enre	olled	
Course/programme (refer question no. 4)	received	Selected	M	F	Pass %
Certificate & Diploma in Dress Designing & Tailoring	70	50	0	50	RA

#### **27. Diversity of Students:**

Name of the	% of students from	% of students	% of students from abroad
Course	the same state	from other states	
Certificate & Diploma in Dress Designing & Tailoring	100%	-	-

- 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	
<ul> <li>Campus selection</li> </ul>	
<ul> <li>Other than campus</li> </ul>	-
Recruitment	
Entrepreneurship/Self-employmen	it -

#### **30.Details of Infrastructural facilities:**

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

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

100% of the students have received scholarship of Rs. 12,000/- from University Grants Commission.

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

- A workshop on 'Careers in Design' organised by MIT & Rotary International Club
- A workshop on 'Ecofriendly bags and Folders' was organized for the students.

### 33. Teaching methods adopted to improve student learning:

- Hands-onpractical oriented methods
- Chalk and talk method

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

### 35.SWOC analysis of the department and future plans:

## Strength:

- Industrial collaborations
- Well equipped Laboratory
- Experienced staff
- Expert guest faculty
- Strong practical orientation in teaching

#### Weakness:

- Limited floor space for students to work freely
- Infrastructure in its formation phase

## **Opportunities:**

- Can take up more courses in the similar fields
- Manufacturing and supply of ready made garments

#### **Challenges:**

- Sustainance of the course without grants from UGC
- 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 create infrastructure at par with industry for designing, manufacturing and selling products, apparels and accessories.
- To start B.Voc. in Dress Designing and Tailoring under the UGC's initiative of the Deen Dayal Upadhaya Centers for Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood (KAUSHAL).

# **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: Choice Based Credit System

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

	Sanctioned	Filled
Professors	1	1
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	35	-
Dr. V. B. Kamble	M.A., M.Ed. Ph.D., SET	Associate Professor	Economic Geography	25	-
Prof. N. L. Wayal	M.A., NET	Assistant Professor	Economic Geography	09	-
Dr. A. E. Sonawane	M.A., B.Ed., SET, Ph.D.	Assistant Professor	Population Geography	06	-

### 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 SPPU, Pune.

#### 19. Publications:

	Papers		Books			ons	
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications
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. No.	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: NilState: 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 27<sup>th</sup> and 28<sup>th</sup> October 2010.

# 26. Student profile programme / course wise :

#### B.A.

Name of the	Application		Enrolled		
Course/programme	received	Selected	M	F	Pass %
2010- 2011	239	204	134	79	57.89
2011-2012	246	207	111	96	56.52
2012-2013	282	251	141	110	95.00
2013-2014	314	267	162	105	89.47
2014-2015	364	262	136	126	87.50
2015-2016	378	237	125	112	RA

#### M.A./M.Sc.

Name of the	Application		Enro	olled	
Course/programme	received	Selected	M	F	Pass %
2010- 2011	77	26	15	11	86.66
2011-2012	65	24	18	6	85.71
2012-2013	89	24	13	11	95.00
2013-2014	48	21	13	8	89.47
2014-2015	18	14	9	5	93.75
2015-2016	20	14	5	9	RA

#### **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
2011-2012	98.24	1.32	0.44
2012-2013	97.82	1.82	0.36
2013-2014	100	Nil	Nil
2014-2015	94.1	1.24	4.66
2015-2016	96.56	0.52	2.90

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
2011-2012	100.00	0.00	0.00
2012-2013	97.73	2.27	0.00
2013-2014	93.02	4.65	2.33
2014-2015	96.88	3.13	0.00
2015-2016	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	- 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
2011-12	35
2012-13	82
2013-14	178
2014-15	136
2015-16	104

# 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: 17<sup>th</sup>,18<sup>th</sup> and 27<sup>th</sup> January ,2011. Experts:

Shri. Amol Gaikwad

Prof. Sachin Thiswandkar

Prof. Ramesh Dhumal

Prof. Yusuf Shaikh

Shri. R. K. Kane

Prof. Tukaram Jadhav

• One day workshop on 'Application of GIS in Population and Settlement Planning and Management' on 5<sup>th</sup> 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 Department 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 Activities:-**

## **Excursion Tours and Village Survey**

- On 22<sup>nd</sup> August 2015 a study tour was arranged for T.Y.B.A. (Geography Special) students to Kas-Pathar and Bamnoli, Dist. Satara.
- Village survey of Malin, Tahsil-Ambegaon was conducted in September 2015 and village survey report was prepared by students. All the members of the staff and post graduate students participated in the village survey.
- From 4<sup>th</sup> January to 13<sup>th</sup> January 2016 a study tour was arranged for S.Y.B.A. students to Kerala and Kanyakumari.
- From 25<sup>th</sup> January to 4<sup>th</sup> February 2016 a study tour was arranged for S.Y.B.Sc. and T.Y.B.A. students to Rajasthan.
- On 24th Feb. 2016 a study tour was arranged for S.Y.B.A., S.Y.B.Sc., T.Y.B.A. and M.A. /M.Sc. students at Ralegan Sidhhi, Dist. Ahmednagar. A village survey report was prepared by M.Sc. II students. River profile of River Dudhi was prepared by students.

# **Achievements by Teachers:**

#### Dr. A. E. Sonawane

- ➤ Worked as a Paper Setter for UG level at Bharati Vidyapeeth University, Pune and also at Tilak Maharashtra University.
- Authored a book on "Population and Settlement Geography" for T.Y.B.A. (Special)published by Diamond book publications .
- ➤ Worked as a Coordinator for T.Y.B.A. / T.Y.B.Sc. Geography Practical examinations for Pune District.
- ➤ Presented and published a paper in the National conference at Kolhapur entitled "A Geographical Analysis of Density and Sex Ratio in Pune District Maharashtra".

### Prof. S. S. Tarange

- Qualified UGC/ C.B.S.E. SET Exam held on 6<sup>th</sup> September 2015.
- Attended National Conference on "Resource Planning and Development- Indian Scenario" organized by Department of Environmental Science, Shivaji University Kolhapur.
- ➤ Attended National Seminar on "New Thrust Areas in Teaching & Research in Geography" organized by Department of Geography Savitribai Phule Pune University.

#### Lectures for Students -

- 1. Dr. V. B. Kamble delivered a lectures for Biotechnology students on "Competitive Examination-Post and Syllabus" and on "M.P.S.C. / U.P.S.C. / C.D.S. Examination- Preparation". He also delivered a lecture for Geography special students on "Services and Scope of Geography".
- 2. Prof. N. L. Wayal delivered a lecture for Geography special students on "Importance of Remote Sensing & GIS".
- 3. Dr. A. E. Sonawane delivered a lecture on for Geography special students "Importance of Remote Sensing in Regional Planning".
- 4. A lecture on "Career Opportunities in Education" was delivered by Mrs. Joshi, Principal of Modern College of Education in March 2016.
- **Jal Jagruti Abhiyan** was conducted as per the guidelines of the Government of Maharashtra. Under this Abhiyan following programmes were conducted:
- i. Principal Dr. R. S. Zunjarrao delivered a lecture on "Water Resources :- Importance and Conservation" on 21st March 2016.
- ii. A visit of students and staff was arranged to 'Water Purifier Project' on 22<sup>nd</sup> March 2016.

Dr. N. J. Kulkarni

# **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 B.A. German (Special): 2015

- 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	36	-

### 11. List of senior visiting faculty

Dr. Sunanda Mahajan, Professor, Department of German, SPPU, 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:

	Papers			Books			ions
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications
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:

- Eight students participated in a project on Environment (Waste Management) in collaboration with Goethe Institute, Bangalore. (2013-2014)
- Twelve students participated in a project on Environment (Waste Management) in collaboration with Goethe Institute, Bangalore. (2012-2013)
- 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, SPPU, 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 SPPU).

#### 26. Student profile programme/course wise:

Name of the	Application		Enrolled		
Course/programme B.A. German	received	Selected	M	F	Pass %
2010- 2011	7	7	3	4	-
2011-2012	8	8	0	8	-
2012-2013	9	9	4	5	100

2013-2014	20	20	6	14	100
2014-2015	46	46	15	31	-
2015-2016	29	29	1	28	RA

#### 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
2011-2012	98.24	1.32	0.44
2012-2013	97.82	1.82	0.36
2013-2014	100	Nil	Nil
2014-2015	94.1	1.24	4.66
2015-2016	96.56	0.52	2.90

# 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	
<ul> <li>Campus selection</li> </ul>	
<ul><li>Other than campus</li></ul>	
Recruitment	
Entrepreneurship/Self-employm	ient

#### 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
2011-12	23
2012-13	63
2013-14	159
2014-15	120
2015-16	99

# 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

- Eight students participated in a project on Environment (Waste Management) in collaboration with Goethe Institute, Bangalore (2013-2014).
- Twelve students participated in a project on Environment (Waste Management) in collaboration with Goethe Institute, Bangalore (2012-2013).

# 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 Activities:**

The year 2015-16 was indeed a special one for the department of German as it marked the beginning of German Special for B.A. studies. Students of senior college can now opt for German as their major subject for B.A. This was possible because of the kind support of Principal Dr. Rajendra Zunjarrao. The department started this new venture with six enthusiastic and budding students.

## **Activities:**

• **20**<sup>th</sup> **August 2015**: Seminar on 'Career guidance on Scope of foreign languages' was organized by the Department of German. Esteemed translators and linguists Mrs. Lalita Marathe and Mrs. Aditi Wadnerkar were the keynote speakers. Through the interactive session held through this event, students were motivated and informed about the various choices and importance of

learning and understanding a foreign language and its cultural benefits. The event was supported by Rotary Club of Pune, Shivajinagar.

- 27th August 2015: With the initiative of Partner School of the Future (PASCH) a Drum Circle activity was organized in our College. Taal.inc has gained popularity in recent times in our city. The drum circle institute emphasizes on the importance of learning through Music. The Music Therapy sessions which are highlighted by this institute also helps release stress and deals with anger management. Our students thoroughly enjoyed this activity and are looking for more opportunities as these in the near future.
- **9th September 2015:** With the growing number of German company setups in Suburbs of Pune, the department intended on widening the knowledge horizons of its students. Learning a foreign language also certainly has its vocational benefits. Apart from academic and cultural interests, learning a foreign language strengthens ones chances to work in an internal acclaimed industries, such as **Volkswagen.** The visit was co-organized by PASCH.
- 13<sup>th</sup> October 2015: Learning a foreign Language never restricts only to the language and its colloquial usage. Knowing the people and its culture also plays a vital role in understanding a foreign language. Thus the department immediately grabbed on the opportunity, and invited an enthusiastic Intern, Ms. Juliett Ackermann. She held an interesting Seminar on 'Food and Culture of Germany' (Essen und Trinken in Deutschland). The students left the classroom, mesmerized and if we might add, with a growling stomach!
- 5th December 2015: After the academic struggles at college level, students are always looking out for opportunities for higher studies, abroad if offered a chance. PASCH aptly organized a "University fair" in the month of December 2015. Twelve high ranked universities from Germany were a part of the university fair. The students could visit each university booth and get first hand information through Experts. Our students participated in large numbers at the fair and looked out for career as well as academic opportunities at university level.
- **December 2015:** Every intern of German nationality has his/her areas of expertise, the department of German, invited Ms. Magdalena Simmerer to speak about her topic of interest. (Film und Theater im DaF Unterricht). Seminar on 'Film and Theater in German studies' What a wonderful chance for the students to know how the Theater Industry functions in Germany! A theoretical as well as practical experience in Theater world in Austria was shared by Ms. Magdalena Simmerer.
- March 2016: An interactive workshop on 'Scope and career opportunities of German Studies in Pune' on the Plethora of career opportunities through learning of a Foreign Language was held on 14<sup>th</sup> March 2016. The speakers were Dr. Sunanada Mahajan , SPPU and Mr. Christoph Senft, representative of DAAD.
- One day workshop of creative writing (Konkerete Poesie) was conducted by Ms. Sneha Mahajan to improve students' writing skills in German.
- Film Workshop was conducted by Ms. Sneha Mahajan. The film 'Life of others' (Das Leben der Anderen) which dealt with the life and problems of people in East Germany was screened for students of S.Y.B.A German special as a part of their curriculum.
- Students of S.Y.B.A actively participated in a students' chat club called 'Stammtisch' which was organized by the teachers of Modern College, Fergusson College and S.P. College. The idea was to make the students interact with each other, communicate in German and exchange ideas. Every meeting had a specific topic, each related to the culture of Germany like food, festivals, geographical features etc.

## **Achievements**

- A1 and A2 courses and examinations were successfully conducted in the college. The students passed the exams with flying colors.
- Ms. Sana Oswal of 11<sup>th</sup> Arts was awarded with a PASCH scholarship. It will be a full paid scholarship. She will be going to Germany to participate in the youth camp and German language course.
- Four students of S.Y.B.A German special applied for the DAAD essay writing competition. Their results are awaited.

## Sanjivani Kuvalekar

- Was awarded with the prestigious PAD (Paedagogische Austausch Dienst) scholarship under which she got an opportunity to witness the teaching and administrative working of a school in Garbsen, Hannover, Germany. It proved to be a fruitful trip from the point of view of establishing an MOU with the school.
- July 2015: Attended PASCH yearly meeting and film seminar.
- October 2015: Attended a conference in Agra (SIS PASCH). Many South Asian countries participated in the conference. It was a good intellectual and cultural exchange where teachers got to know about German teaching in all of these countries and also attend small workshops and presentations.

## Sneha Mahajan

- July 2015: Attended PASCH yearly meeting and film seminar.
- October 2015: Attended a conference in Agra (SIS PASCH). Many South Asian countries participated in the conference.
- Presented a paper at the SIS PASCH conference on the topic 'Use of gestures and expressions in teaching German'.
- Co- organized the industrial visit to Volkswagen, Chakan.
- Attended a seminar on 'Introduction to Philosophy- Introduction to German philosophers: Immanuel Kant, Friedrich Nietzsche, Martin Heidegger'.
- Co-organized a students' chat club called 'Stammtisch' which was organized by the teachers of Modern College, Fergusson College and S.P. College.
- Conducted a one day workshop of creative writing (Konkerete Poesie)
- Conducted a film Workshop. The film 'Life of others' (Das Leben der Anderen) was screened for students of S.Y.B.A German special which dealt with the life and problems of people in East Germany.
- Awarded with a scholarship to Germany, June 2016 by PASCH, Goethe Institute. She will be going to Munich, Germany in June 2016 to attend a two weeks course named 'Studienbegleitender Deutschunterricht'

Sanjivani Kuvalekar

Head

# **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.
- 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	01	01

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	Hindi	36	NA
		Department	Literature		
Dr. Prerana Ubale	M.A. NET, M.Phil.	Lecturer	Hindi	7	NA
(From 2015)	B.Ed, Ph.D.		Literature		

- 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	-	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:

		ations		
Name of the faculty	International	National	Presented in Conference	Total publication
Prof. Sunita D. Purohit	2	2	-	4
Prof. Prerana Ubale	3	3	-	6

## 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%
- 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

## **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.
- In the year 2014, we received a prize for acting at Maharashtra Rashtrabhasha Sabha, Pune. Prof. Sunita Purohit won the First Prize for writing the play.
- 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.
- Brhamnadev Shukla got a Consolation Prize in 2014 in an essay competition organized by Modern College, Ganeshkhind, Pune.

## **Teachers**

### **Prof. Sunita Purohit:**

- Awarded 'Best Teacher Award' by the Progressive Education Society, Pune-5, for the year 2012-13.
- Invited as a Chief Guest for the 'Hindi Din' at SNDT College, Pune, 2015-16.

## 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 SPPU).
- Workshops on Hindi Grammar (2013-14, 2014-15, 2015-16)

# 26. Student profile programme/course wise:

Name of the	Application		Enrolled		
Course/programme B.A. Hindi	received	Selected	*M	*F	Pass %
2010- 2011	239	75	33	42	100
2011-2012	246	88	46	42	100
2012-2013	282	89	35	54	100
2013-2014	314	75	42	33	100
2014-2015	364	143	75	68	100
2015-2016	378	156	97	59	RA

## 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
2011-2012	100	0	Nil
2012-2013	99.39	0.61	Nil
2013-2014	97.76	2.24	Nil
2014-2015	97.72	2.28	Nil
2015-2016	96.56	0.52	2.90

# 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	-
<ul> <li>Employed</li> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	- 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.

	3
Academic Year	Total number of students

2010-11	42
2011-12	23
2012-13	63
2013-14	159
2014-15	120
2015-16	99

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

- Workshops for Grammar and Lecture Series (2013-14, 2014-15)
- Handwritten Magazine (2013-14)
- Essay and Advertisement Writing Competition (2010-2014)
- Expert Lectures for students. (2010-2014)

## 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 Activities:**

The department of Hindi organized several competitions, workshops and programs for students over the last one year.

- Essay Competition was organized for the students F.Y.B.A. and advertisement writing competition for F.Y.B. Com. and S.Y. B.A. students. Prizes were given on the occasion of Hindi Day in September 2015.
- Hindi Day celebration was organized on 16th September 2015. Dr. Padmaja Ghorpade,

- Head, Department of Hindi, S.P. College, Pune was the chief guest of the program.
- Our S.Y. B.A. and T.Y. B.A. Hindi Special level students sketched posters as their projects. S.Y. B.A. special level students penned some dialogues used by us in day to day routine while student of T.Y. B.A. translated some famous Hindi proverbs into Marathi.
- Dr. Padmaja Ghorpade delivered a lecture on importance of Hindi language in our daily routine.
- Following winners were felicitated on this occasion.
  - Essay Writing competition Aishwarya Kamble and Ashwini Ranghe (XI), Minal More (F.Y. B.A.), Pooja Bhandari (F.Y. B.Com.).
  - Advertisement writing competition Palesha Vinita (F.Y. B.Com.), Yashna Prayag (S.Y. B.A.), Dimple Agarwal, Priyanka Patole & Apekshita Huilgol (S.Y. B.A.), Pooja Bhandari (F.Y. B.Com.).
- On 23<sup>rd</sup> December 2015, a one day workshop on **'Spelling and grammar'** was organized. Thirty five students participated from both junior and senior wing. Dr. Neelima Vaidya conducted the workshop. A written objective level test for students was conducted. At the end of the workshop, certificates were distributed at the hands of Dr. Neelima Vaidya. Dr. Nayana Kulkarni (Vice Principal, Arts Faculty) was the chairperson on this occasion.
- A hand written magazine Yuva Chetana was released at the hands of Dr. Neelima Vaidya and Dr. Nayana Kulkarni.
- On 18<sup>th</sup> January 2016, Department of Hindi, Arts Association, Department of Marathi and Yuva Manch jointly organized Hindi- Marathi recitation competition. Eighteen students participated in the competition. Dr. Sunil Deodhar, Hindi Program officer – AIR, Pune and eminent Marathi writer Dr. N.M. Joshi were the chief guests and examiners at this event.
- Winners of the competition
  - o Siddhartha Joshi (T.Y. B.A. -1st prize)
  - o Aparna Mhaske (M.A. Marathi- 2<sup>nd</sup> prize)
  - o Ankush Arekar (S.Y. B.A.- 3<sup>rd</sup> prize)
  - o Priyanka Misal (S.Y. B.Sc.- Consolation)
- Ankush Arekar compered the program. Dr. Prerana Ubale and Dr. Vaijayanti Jadhav took efforts to make the program a huge success.

### Individual Achievements

## Prof. Sunita Purohit

- 14<sup>th</sup> September 2015 invited as a chief guest at SNDT College, Pune on the occasion of Hindi day.
- 11<sup>th</sup> December 2015 Invited to participate on an open discussion on 'Media and freedom of expression' on All India Radio, Pune in Hindi program Kalash.
- o 20<sup>th</sup> & 21<sup>st</sup> February 2016 Worked as a paper setter at St. Mira's College, Pune.
- Worked as a member of organizing committee for the National conference on 'Emotional intelligence: role in human life' which was organized by department of Psychology, Modern College, Pune, on 5<sup>th</sup> and 6<sup>th</sup> February 2016.
- $\circ~19^{\rm th}$  March 2016 Compered a program at Maharashtra Rashtrabhasha Sabha, Pune on Amrut Mahotsav Samapan Samaroh.

## Dr. Prerana Ubale

- o 19th June 2015 A lecture on Hindi grammar for teachers at Unique vision English medium school, Chinchwad.
- December 2015 Wrote an article on 'Bharatiya Sanskriti ke vividh ayam' a book edited by Dr. Zanyar.
- o January 2016 Elected as a trustee member on Mayboli Institute, Pune.
- Attended one day National seminar on 18<sup>th</sup> January 2016 'Hindi-Marathi bhasha aur asmita ke sawal' organized by Hindi-Marathi department of SNDT College, Pune.
- o 29th & 30th January 2016 Participated and presented poster in two days international conference on 'Innovations in teaching, learning and evaluation in higher education' organized

by Modern College, Shivajinagar, Pune.

 Worked as a member of organizing committee for the National conference on 'Emotional intelligence: role in human life' which was organized by department of Psychology, Modern College, Pune on 5<sup>th</sup> and 6<sup>th</sup> February 2016.

**Prof. Sunita Purohit** Head

# **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.:
- 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. 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 guidence for the last 4 years
Dr. Rajesh Kulkarni	M.A.(History) M.A. (Communication) , Ph.D.	Head of the Department	Traditional Knowledge	20	-
Dr. M. K. Admane	M.A.,(History) M.Phil. Ph.D.	Assistant Professor	Medival and Modern India	23	-

- 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 publica tions
---------------------	--------	-------	---------------------------

	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: Nilb. International: Nil

# 26. Student profile programme/course wise:

Name of the	Application		Enro	Pass %	
Course/programme B.A.	received	Selected	*M	*F	Pass %
2010- 2011	239	168	117	51	100
2011-2012	246	153	91	62	100
2012-2013	282	209	137	72	100
2013-2014	314	255	160	95	100
2014-2015	364	254	144	110	100
2015-2016	378	278	164	114	RA

## **27. Diversity of Students:**

## B.A.

Year	% of students fron the same state	n% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil
2011-2012	98.24	1.32	0.44
2012-2013	97.82	1.82	0.36
2013-2014	100	Nil	Nil
2014-2015	94.1	1.24	4.66
2015-2016	96.56	0.52	2.90

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

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
2011-12	23
2012-13	63
2013-14	159
2014-15	120
2015-16	99

# 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:**

The department took initiative in organizing a Certificate course on the ancient 'Modi-Script'. Archaeology department of Maharashtra State conducted this course from 4th August to 14th August2015. There was an overwhelming response. Allpassed the examination conducted at the end of the course.

### Dr.Manda Admane

- Attended the State level Seminar on 'Research in Social Sciences: Techniques and Trends in International teaching technology'.
- Attended the National level 'Capacity buildingprogramme' for faculty of Social Science, sponsored by ICSSR, New Delhi, organized by Indian Institute of Education, Pune from 17thMarch to 31st March 2016.
- Participated in the National seminar organized by Department of Psychology, of our college.
- Participated in the NSS winter camp inDecember 2015.
- Participated in activities of the Arts Circle. History Museum was established by the department
  in the college under the guidance of eminent experts, by the initiative of Principal Dr. R. S.
  Zunjarrao.

**Dr.Manda Admane** 

# **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 with Choice Based Credit System

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	-	1
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	Experienc e 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	34	7 and One Foreign Student (Open University, Mauritius)
Prof. Nisha Bhandare *	M.A., NET, M.Phil.	Associate Professor	Modern Marathi Literature, Novel	20	•
Dr. Madhura Koranne	M.A., Ph. D.	Associate Professor	Modern Marathi Literature, Drama	19	-
Dr. Vaijayantimala Jadhav *	M.A., NET,SET, Ph.D.	Assistant Professor	Modern Marathi Literature	9	-

<sup>(\*</sup> 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:

Under the guidance of Dr. Snehal Tawre, Dr. Vaijayantimala Jadhav is pursuing her Post Doctoral Research supported by fellowship from UGC, New Delhi.

# 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 the Savitribai Phule 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.

	Papers				ions		
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications
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
Dr. G. R. Apine	0	2	-	-	-	1	3

## 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'.
- Editor of an International Interdisciplinary Conference on 'Contribution of Indian Saints', at Mahatma Gandhi Institute, Mauritius.
- Editor of an International Interdisciplinary Conference on 'Contribution of Management Gurus and Eminent Personalities in India and Abroad' at Manipal University, Dubai.
- Editor of an International Interdisciplinary Conference on 'Contribution of Folk Culture in

Various Aspects of Literature', at India-Thai Chamber of Commerce, Bangkok, Thailand.

## 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.
- o 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

- o 'Best Performance Award in Education' by Progressive Education Society, Pune, in 2010.
- o Received 'Madhav Manohar Smriti Puraskar' (2010) from Rangat Sangat Pratishthan and Sahil Foundation Pune.
- Received 'Sahitya Sakhi Sanjiwani Marathe Puraskar' (2014) for the book 'Natyagandh'

## Awards by students:

## Mrs. Vandana Joshi

- Received three Gold Medals from SPPU, Pune, in M.A. Marathi in 2014
- o 'Best Performance Award in Education' by Modern Education Society, Pune.

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

### 2010-11

Mr. Ashok Kotawal, Eminent Writer in Marathi Literature

## 2011-12

- Mrs. Nalini Spiraling, Germany
- Dr. P.C. Shejawalkar, Director, Shejwalkar Insititute, Pune.
- Satish Alekar, Renowned stage and silver screen artist.
- Kedar Bhagwat, Renowned stage and silver screen artist.
- Pramod Ranade, Renowned stage and silver screen artist.
- Swati Patankar, Renowned stage and silver screen artist.
- Pratibha Shahu Modak, Author in Marathi Literature
- Dr. Raja Okharapurkar, Expert in Agriculture, College of Agriculture, Pune.
- Dr. Vidhyagouri Tilak, Ex-Head, Department of Marathi, SPPU, Pune.
- Dr. Madhavi Vaidhya, Ex-President, Maharashtra Sahitya Parishad, Pune.
- Anant Bhave, famous newsreader, Doordarshan, Government of India.
- Kamlesh Chordia, famous businessman.
- Lalan Sarang, a well-known stage artist.
- Dr. Ashok Chasakar, Ex-Dean, Faculty of Arts, SPPU, Pune.
- Vishwas Mehandale, renowned Press Reporter and Artist associated with Doordarshan, Government of India.

### 2012-13

- Dr. D.T. Bhosale, eminent writer, Pandharpur.
- Dr. Leela Govilkar, eminent writer, Pune.
- Dr. Mangala Godabole, eminent writer, Pune.

- Vishwas Mehandale, renowned Press Reporter and Artist associated with Doordarshan, Government of India.
- Chandrahas Mirasdar, Press Reporter, Pune.
- Dr. N. M. Jhoshi, eminent writer, Pune.
- Dr. Veenita Apate, Director, TEER Environmental Organisation
- Makarand Tillu, Famous Mono Acting Artist
- Dr. Kakasaheb Mohite, Ex-Dean, Faculty of Science, SPPU, Pune.

## 2013-14

- F.M.Shinde, Ex-President, Akhil Bharatiy Sahitya Sammelan.
- Dr. Nagnath Kottapalle, Ex-President, Akhil Bharatiy Sahitya Sammelan.
- Uttam Kambale Ex-President, Akhil Bharatiy Sahitya Sammelan.
- Dr.P.L.Gawade, Senior Educationalist, Pune.

## 2014-15

- Swati Mhalank, News Reader, Pune Akashwani, Government of India.
- Dr. Leela Vedpathak, Ex-HOD, Anantrao Thopate College, Bhor.

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

**a. National:** 01 (funded by Savitribai Phule Pune University under QIP)

### b. International:

- Two days International Conference on 'Bharatiy Santanche Yogadan' in January 2015, organized in collaboration with Mahatma Gandhi Institute, Marathi Speaking Union, Mauritius and Snehavardhan Research Institute, Pune, funded by Mahatma Gandhi Institute, Mauritious.
- o International Interdisciplinary Conference organized in collaboration with Manipal University, Dubai on 'Contribution of Management Gurus and Eminent Personalities in India and Abroad' at Manipal University, Dubai, in May 2015.
- o International Interdisciplinary Conference organized in collaboration with India-Thai Chamber of Commerce, Bangkok, Thailand, on 'Contribution of Folk Culture in Various Aspects of Literature', at India-Thai Chamber of Commerce, Bangkok, Thailand, in November 2015.

## c. State:

- Two days seminar on '*Druk-Shravya Mahitipatanchi Nirmitiprakriya*' on 5<sup>th</sup> and 6<sup>th</sup> March 2012. The source of funding SPPU, Pune.
- o Two days seminar on '*Marathi Vinodi Katha: Swarup aani Sadarikaran*' on 4<sup>th</sup> and 5<sup>th</sup> Feb. 2013. The source of fundingSPPU, Pune.
- o One day Seminar on 'Mazi Jadanghadan' on 26th Feb. 2014. The source of funding SPPU, Pune.

## 26. Students profile program / course wise:

## B.A.

Name of the	Application		Enrolled		Pass %
Course/programme	received	Selected	M	F	Pass %
2010- 2011	239	153	100	53	75.00
2011-2012	246	161	91	70	90.00
2012-2013	282	195	115	80	74.19
2013-2014	314	197	124	73	80.00
2014-2015	364	203	124	79	100
2015-2016	378	236	146	90	RA

### M.A.

Name of the	Application		Enrolled		Dage 0/
Course/programme	received	Selected	M	F	Pass %
2010-2011	32	15	11	4	75.00
2011-2012	45	23	16	7	90.00
2012-2013	72	53	26	27	74.19
2013-2014	53	29	16	13	80.00
2014-2015	59	37	17	20	100

2015-2016	35	23	8	15	RA

## 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
2011-2012	100	Nil	Nil
2012-2013	99.39	0.61	Nil
2013-2014	97.76	2.24	Nil
2014-2015	97.72	2.28	Nil
2015-2016	96.56	0.52	2.90

M.A.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100.00	Nil	Nil
2011-2012	100.00	Nil	Nil
2012-2013	100.00	Nil	Nil
2013-2014	98.51	1.49	Nil
2014-2015	100.00	Nil	Nil
2015-2016	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
2011-12	31
2012-13	75
2013-14	176
2014-15	133
2015-16	133

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

- Guest lectures
- Seminars
- Soft Skills Development Workshop

## 2010-11

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

### 2011-12

- Organised a lecture by Nalini Spiraling on 'Germany aani Bharat Yanchyatil Shaikshanik Prawas'.
- Organised two days Seminar on 'Druk-Shravya Mahitipatanchi Nirmaitiprakriya'
- Organized Diploma in Translation Course.

### 2012-13

• Organized two days seminar on 'Marathi Vinodi Katha: Swarup aani Sadarikarn'

## 2013-14

- Organized a lecture by D.T. Bhosale on 'Vinodi Katha'
- Organized One-day seminar on 'Mazi Jadanghadan'.
- Organized Handwriting competition on 'Marathi Bhasha Din'
- Organized Orator Competition on Aapali Utsavpriyata, Dhwanipradushan, Yek Peth Yek Ganpati, Udyog Vyavsay aani Utsavpriyata.

### 2014-15

• The Translation Course that started since 2011-12 has consistently and successfully been run by the department.

## 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 SPPU 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:-**

# मराठी विभाग

मराठी संशोधन केंद्रामध्ये संशोधन करणाऱ्या विद्यार्थ्यांची संख्या वाढत आहे. सध्या एकूण २४ विद्यार्थी संशोधन कार्य करीत आहेत. इंग्लिश—मराठी अनुवाद वर्गाचे हे पाचवे वर्ष असून हा एक वर्षाचा पदिवका अभ्यास वर्ग यशस्वीरित्या घेण्यात आला. सामाजिक बांधीलकीच्या दृष्टिकोनातून मराठी विभागांतर्फे 'मराठीच्या प्रमाण भाषेचे लेखन' असा वर्ग दर शनिवारी आयोजित केला जात आहे. डॉ. स्नेहल तावरे यांनी या वर्गाचे आयोजन केलेले आहे. या वर्गामध्ये पुण्यातील गृहिणी, विद्यार्थी आणि ज्येष्ठ नागरिक उपस्थित असतात.

मराठी भाषा गौरव दिनाचे कार्यक्रम:

मराठी भाषा गौरव दिन आणि कुसुमाठाज जन्मदिन या निमित्ताने खालील कार्यक्रम आयोजित केले होते : हस्ताक्षर स्पर्धा, निबंध स्पर्धा, काव्यवाचन स्पर्धा आणि कविता पाठांतर स्पर्धा. त्याचा निकाल खालीलप्रमाणे –

• हस्ताक्षर स्पर्धाः

प्रथम : तेजस्विनी पाटील – एम.ए. भाग १ द्वितीय : रियाज मकानदार – तृतीय वर्ष बी.ए. तृतीय : पल्लवी गवळी – तृतीय वर्ष बी.ए.

• निबंध स्पर्धाः

प्रथम : इरफाना कुरेशी – एम.कॉम., द्वितीय वर्ष

द्वितीय : आदिती मोघे– तृतीय वर्ष बी.ए. तृतीय – रोजा चावरे – तृतीय वर्ष बी.ए.

• काव्य वाचन स्पर्धा :

प्रथम : ओंकार जाधव – तृतीय वर्ष बी.ए. द्वितीय : शेखर चोरगे – द्वितीय वर्ष बी.ए. तृतीय : पूजा आल्हाट – एम.कॉम. द्वितीय वर्ष

• कविता पाठांतर स्पर्धा :

प्रथम : कुणाल भालेराव – एम.ए.भाग २ द्वितीय : आशा खटींग – तृतीय वर्ष बी.ए.

मराठी संशोधन केंद्र आणि मराठी विभाग यासाठी महाविद्यालयाने स्वतंत्र जागा उपलब्ध करून दिली. या नूतनीकरण केलेल्या विभागाचे उद्घाटन मा. डॉ. द. ता. भोसले यांच्या हस्ते आणि प्राचार्य डॉ. राजेंद्र झुंजारराव, संस्थेचे सचिव प्रा. शामकांत देशमुख यांच्या उपस्थितीत झाले.

प्राध्यापकांची कामगिरी -

डॉ. स्नेहल तावरे -

१) मॉिरशस येथील महात्मा गांधी इन्स्टिट्यूटने आयोजित केलेल्या आंतरराष्ट्रीय परिषदेमध्ये 'भारतीय संतांचे योगदान' या विषयावर शोधनिबंध सादर केला.

- दुबई येथील मनिपाल युनिर्व्हिसिटीने आयोजित केलेल्या 'देशविदेशातील व्यवस्थापन गुरु' या विषयावरील आंतरराष्ट्रीय परिषदेमध्ये शोधनिबंध सादर केला.
- ३) थायलंड येथील 'इंडिया-थाय चेंबर ऑफ कॉमर्स' ने आयोजित केलेल्या आंतरराष्ट्रीय, चर्चासत्रामध्ये 'भारतीय, लोकसंस्कृतीचे स्वरूप' या विषयावर शोधनिबंध सादर केला.
- ४) 'शब्दवैभव' कविसंमेलनात प्रमुख पाहणे म्हणून व्याख्यान.
- ५) डॉ. न. म. जोशी यांच्या हस्ते 'साहित्य संवर्धन' हा पुरस्कार.
- ६) बी.एम.सी.सी. आयोजित ठांथ प्रदर्शनाचे उद्घाटन आणि 'वाङ्मय संस्कृती : विचार आणि निर्मिती' यावर भाषण.
- ७) संस्थेच्या ८१ वर्षांच्या निमित्ताने प्रो.ए.सोसायटीने प्रकाशित केलेल्या स्मरणिकेत 'म मॉडर्नचा : एक परवलीचा शब्द' हा लेख प्रसिद्ध.
- ८) 'स्त्री अभ्यासांच्या विविध दिशा' या डॉ. शोभा पाटील गौरव ठांथाचे प्रकाशन, ठांथासाठी 'पाठराखण' मजकूर लिहिला.
- ९) श्री. शाह मंदिर येथे झालेल्या भाषांतर कार्यशाळेचे सत्रअध्यक्ष म्हणून भाषण.
- १०) सिन्नर येथील महाविद्यालयात 'संशोधन : स्वरूप आणि व्याप्ती' या विषयावरील राज्यस्तरीय चर्चासत्रामध्ये समारोप अध्यक्ष म्हणून भाषण.
- ११) श्रीरामपूर येथील बोरावके महाविद्यालयाने आयोजित केलेल्या आंतरराष्ट्रीय चर्चासत्राचे सत्रअध्यक्ष म्हणून भाषण.
- १२) लोणी काळभोर येथील राज्यस्तरीय सर्चासत्रामध्ये 'दुष्काळाचे मराठी साहित्यातील चित्रण' या विषयावरील चर्चासत्राचे समारोप सत्राचे अध्यक्ष म्हणून भाषण.
- १३) सावित्रीबाई फुले पुणे विद्यापीठाने क्रमिक म्हणून नेमलेल्या दोन पुस्तकांचे संपादन आणि प्रस्तावना लेखन.
- १४) कोल्हार, जि. अहमदनगर येथील महाविद्यालयात घेतेल्या चर्चासत्रेमध्ये सत्रअध्यक्ष म्हणून भाषण.
- १५) राजगुरुनगर महाविद्यालयाने आयोजित केलेल्या 'लोकनेते शरद पवार : जीवन व कार्य' चर्चासत्रामध्ये प्रमुख पाहुणे म्हणून भाषण.
- १६) सर परशुरामभाऊ महाविद्यालयाने आयोजित केलेल्या 'भाषांतर : एककला' या चर्चासत्रामध्ये प्रमुख पाहुणे म्हणून भाषण.
- १७) 'सक्षम समीक्षा' या मासिकात 'छत्रपती शिवाजी महाराजांचे योगदान' या विषयावरील लेख प्रसिद्ध.
- १८) 'बालशिक्षण मंदिर' आयोजित कार्यशाळेत 'मराठी गोष्टी' या विषयावर भाषण.
- १९) गंधगाभारा अंधरातून प्रकाशकडे स्पंदन, भेगाळलेल्या भुईचं. वादळांना झेलताना. एकच ध्यास देहुरोड धम्मभूमीचा विकास. महाराष्ट्रातील सैनिकी शाळा या पुस्तकांना प्रस्तावना-लेखन.
- २०) 'स्त्री स्पंदने' या पुस्तकाचे संपादन व लेखन.
  - एम.ए. मराठी विभागाचा निकाल १००% लागल्याबद्दल विभागप्रमुख म्हणून डॉ. स्नेहल तावरे यांचा प्रातिनिधी स्वरूपात संस्थेतर्फे सत्कार करण्यात आला.

# डॉ. वैजयंतीमाला जाधव

- १) भाषांतराचे महत्त्व आणि त्यातील अडचणी याविषयावर राज्यस्तरीय चर्चासत्रात, शाह महाविद्यालय, पर्वती येथे निबंधवाचन.
- १) हुतात्मा राजगुरु महाविद्यालय, खेड येथील राज्यस्तरीय चर्चासत्रात 'शरद पवार आणि महिला सबलीकरण' या विषयावर निबंधवाचन.
- नारायणराव बोरावके महाविद्यालय, श्रीरामपूर येथील आंतरराष्ट्रीय चर्चासत्रात ''साहित्य आणि सामाजिक शास्त्रे' या विषयावर निबंध वाचन.
- ४) बी.डी. काळे महाविद्यालय, घोडेगाव येथील राष्ट्रीय चर्चासत्रात 'यशवंतराव चव्हाण यांचे साहित्य क्षेत्रातील योगदान' या विषयावर निबंधवाचन.
- ५) शिवाजी कॉलेज, सातारा येथील राष्ट्रीय चर्चासत्रात प्रसारमध्यमे आणि नोकरी व्यवसायाच्या संधी' या विषयावर संशोधनपर निबंध सादर.

# डॉ. मधुरा कोरान्ने

- १) एकपात्री प्रयोग; स्वरूप आणि कलारूप (स्नेहवर्धन प्रकाशन, द्वितीय आवृत्ती प्रकाशित (२०१५)
- २) 'विद्यावाणी' येथे 'आई म्हणोनि कोणी' या एकांकिकेचे नाट्यवाचन प्रसारित.
- ३) 'नीहार', 'चैत्राली', 'चिंतन आदेश', 'विपुलश्री' इत्यादी नियतकालिकांमधून नाट्यविषयक लेख प्रसिद्ध.

## प्रा. निशा भंडारे

- १) 'रा. ना. चव्हाण यांचे धर्म आणि समाजसुधारणा विषयक विचार आणि कार्य' या विषयी राष्ट्रीय चर्चासत्रात 'रा. ना. चव्हाण यांचे धर्मविषयक चिंतन' निबंध वाचन, शिवाजी विद्यापीठ, कोल्हापूर.
- २) मुगुटराव साहेबराव काकडे महाविद्यालय, सोमेश्वरनगर येथे तृ.व.कला पुनरीचित अभ्यासक्रम कार्यशाळेत निबंधवाचन.
- ३) सी.टी. बोरा कॉलेज, शिरुर येथे राष्ट्रीय चर्चासत्रात 'दिलत साहित्याच्या बदलत्या दिशा' या विषयानुसार निबंध वाचन.
- ४) हतात्मा राजगुरु शिक्षण प्रसारक मंडळाचे, कला, वाणिज्य व विज्ञान महाविद्यालय, हेडणे येथे राज्यस्तरीय मराठी चर्चासत्रात

- ''१९१० नंतरची कथा व कविता' निबंध वाचन.
- ५) संस्कार मंदिर संस्थेचे कला व वाणिज्य महाविद्यालय, वारजेमाळवाडी आयोजित राज्यस्तरीय र्चासत्रात 'साहित्यकृतीचे माध्यमांतर, विषयावर निबंध वाचन.
- ६) पुरंदरचे 'शरदचंद्रजी पवार महाविद्यालय, जेजुरी कला व वाणिज्य महाविद्यालयात 'सॉफ्टस्किल डेव्हल्पमेंट कार्यक्रमात 'व्यक्तिमत्त्व विकास' या विषयावर मार्गदर्शन केले.
- 'कला, वाणिज्य व विज्ञान महाविद्यालय, नारायणगाव (पुणे) येथे निर्भय कन्या अभियान कार्यशाळेत उद्घाटक म्हणून मार्गदर्शन.
- सावित्रीबाई फुले पुणे विद्यापीठ, मराठी विभाग आयोजित राष्ट्रीय चर्चासत्रात 'नाटककार सतीश आळेकर' ह्या विषयावरील चर्चासत्रात सहभाग व माजी विद्यार्थी मेळाव्यात मनोगत व्यक्त केले.
- ९) श्री सिद्धविनायक महिला महाविद्यालय, कर्वेनगर, पुणे ५२ येथे 'सावित्रीबाई फुले यांचे जीवनचरित्र' या विषयावर व्याख्यान.
- १०) सम्यक साहित्य संमेलन 'फुले-शाहु-आंबेडकर विचारमंच' आयोजित साहित्य संमेलनात 'संयोजक' म्हणून कार्यरत व कविता वाचनात सहभाग.
- ११) लॉर्ड बुद्धा चॅनेलवर डॉ. बाबासाहेब आंबेडकर १२५ वी जयंतीनिमित्त 'डॉ. बाबासाहेब के विचारोंसे महिलाओं की प्रगती' विषयावर भाषण ३२ राज्यातून प्रसारित झाले.
- १२) 'सम्यक संघ' विश्रांतवाडी येथे 'डॉ. बाबासाहेब आंबेडकर जीवन चरित्रावर व्याख्यान दिले.
- १३) बाबासाहेब आंबेडकर : स्त्रियांच्या उन्नतीचे प्रगतीचे प्रेरणास्थान लेख प्रसिद्ध : 'पुण्यनगरी', रविवार विशेषांक.
- १४) सक्षम समीक्षा त्रैमासिकात 'रा. ना. चव्हाण यांचे डॉ. बाबासाहेब आंबेडकर चळवळ' या विषयीचा लेख प्रसिद्ध.
- १५) 'सुगावा' डिसेंबर आंतरजातीय विवाह विशेषांकात लेख प्रसिद्ध.
- १६) 'गोंदण' दिवाळी विशेषांकात मानवतावादी : डॉ. बाबासाहेब आंबेडकर लेख प्रसिद्ध.
- १७) मर्दानी जागतिक महिला विशेषांकात 'निशाते सामाजिक कार्यकर्ती प्रा. निशा भंडारे एक प्रवास' लेख प्रसिद्ध.
- १८) प्रोगेसिव्ह एज्युकेशन सोसायटी, शिवाजीनगर, पुणे आयोजित गुरुवर्य शंकरराव कानिटकर स्मृती क्रीडामहोत्सवात शिक्षक शिक्षकेतर क्रीडा स्पर्धेत डॉजबॉल, थ्रोबॉल प्रथम क्रमांक विजेता संघात सहभाग.

– डॉ. स्नेहल तावरे विभाग प्रमुख

# **Department of Mathematics**

- 1. Name of the department: Department of Mathematics
- **2. Year of Establishment:** UG: 1970, PG: 2014
- 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 with Choice Based Credit System

- 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.:
- 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	24 yrs	-
Dr. A.N. Bhavale	M.Sc., Ph.D. NET	Head of the Deparmtnet	Mathematics	17 yrs	-
Prof. P.V. Gadagkar	M.Sc.,NET SET	Assistant Professor	Mathematics	7 yrs	-
Prof. P.M. Paratane	M.Sc., NET SET	Assistant Professor	Mathematics	21 yrs	-
Dr. N.H. Mahajan	M.Sc., M.Phil. Ph.D.	Assistant Professor	Mathematics	23 yrs	-
Prof. M.S. Rane	M.Sc.,NET	Assistant Professor	Mathematics	7 yrs	-
Prof. R.K. Gawade	M.Sc.,NET	Assistant Professor	Mathematics	4 yrs	-

## 11. List of Senior Visiting Faculty:

- Dr. B.N.Waphare, Ex-Head and Professor, Department of Mathematics, SPPU, Pune.
- Dr. M.M.Shikare, Ex-Head and Professor, Department of Mathematics, SPPU, Pune.
- Dr. V.V.Joshi, Associate Professor, Department of Mathematics, SPPU, 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	1	2	1	1

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, SPPU, 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 SPPU, Pune. The department intends to apply for the Research Centre in the near future.

## 19. Publications:

		ions		
Name of the faculty	International	National	Presented in Conference	Total publications
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

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

Prof. A. N. Bhavale was awarded Doctor of Philosophy (Ph.D.) in July 2014.

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

- Dr. B.N.Waphare, Ex. Head and Professor, Department of Mathematics, SPPU.
- Dr. M M Shikare, Ex. Head and Professor, Department of Mathematics, SPPU.
- Prof. M. Prakash, Director, IIT Coaching Institute, Pune.
- Prof. T.T. Raghunathan, Retd. Professor, Department of Mathematics, SPPU.
- 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, SPPU, Pune.
- A one-day workshop on 'Scilab Programming' in the year 2014

## 26. Student profile programme/course wise:

B.Sc.

Name of the	Applications		Enro	lled	
Course/programme	received	Selected	M	F	Pass %

2010-2011	297	106	65	41	74.36
2011-2012	361	143	86	57	64.58
2012-2013	326	135	67	68	57.14
2013-2014	402	151	77	74	66.23
2014-2015	396	165	79	86	70.59
2015-2016	427	153	82	71	RA

M.Sc.

Name of the	Applications		Enrolled		
Course/programme	received	Selected	M	F	Pass %
2014-2015	50	31	11	20	22.58
2015-2016	550	59	24	35	RA

## 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
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	0.5	0.05
2015-2016	98.59	1.19	0.22

M.Sc.

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil
2011-2012	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
2011-12	67
2012-13	57

2013-14	123
2014-15	164
2015-16	177

# 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.
- Celebration of National Mathematics Day, 22<sup>nd</sup> December 2015: Activities arranged included Poster Competition, Project Competition and Quiz Competition, followed by a Guest Lecture on the topic of 'Number Theory' by Ex-Head of the Department of Mathematics, Prof. A.V.Rayarikar.
- Four guest lectures by eminent mathematicians from SPPU, 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
- Enhancing the quality of education, through the collaborative activity with SPPU, IISER Pune and University of Melbourne, Australia, for conducting B.Sc. Blended course.

## **Challenges:**

- To 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 Activities:-**

The Mathematics department is famous for its teaching in the students' community. This year there were 539 students in F.Y.B.Com., 168 students in F.Y.B.Sc.(Computer Science), 154 students in S.Y.B.Sc. (Computer Science), 154 students in F.Y.B.Sc., 121 students in S.Y.B.Sc., 51 students in T.Y.B.Sc. and 99 students in M.Sc.(Mathematics).

## Celebration of "National Mathematics Day" - 22<sup>nd</sup> December 2015:

Activities arranged included Poster Competition, Project Competition and Quiz Competition, followed by a Guest Lecture on the topic of 'Number Theory' by Ex- Head of the Department of Mathematics, Prof. A. V. Rayarikar.

**Guest lectures** by the following eminent mathematicians were arranged for M.Sc. students.

- Dr. B. N. Waphare, Ex. Head and Professor, Department of Mathematics, SPPU, Pune.
- Dr. M. M. Shikare, Ex. Head and Professor, Department of Mathematics, SPPU, Pune.
- Dr. V. V. Joshi, Associate Professor, Department of Mathematics, SPPU, Pune.
- Dr. Ganesh Kadu, Assistant Professor, Department of Mathematics, SPPU, Pune.
- Prof. N. M. Deshpande, IISc, Nagpur.

### Achievements of the staff:

### Dr. A. N. Bhavale:

Appointed as the Head of the Department of Mathematics.

## Prof. P. V. Gadagkar:

Presented a paper in the International conference held at Sadguru Gadage Maharaj College, Karad on 15<sup>th</sup> and 16<sup>th</sup> September, 2015.

## Prof. P.M. Paratane:

Presented a paper in the International conference held at Sadguru Gadage Maharaj College, Karad on 15<sup>th</sup> and 16<sup>th</sup> September, 2015.

## **Achievements of the students:**

- I) Ms. Bhavana Agarwal of M.Sc.-I (Mathematics) was selected for the Mathematical Training and Talent Search(MTTS) program 2016.
- II) Mr. Aditya Anilkumar Ukale of XI<sup>th</sup> Science won the **Gold Medal** in SOF International Mathematics Olympiad.

Dr. A. N. Bhavale Head

# **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 with Choice Based Credit System

- 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	08	08

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

Name	Qualification	Designation	on Specialization		No. of Ph.D. Students guided for the last 4 years
Dr. Shilpa Mujumdar	Ph.D	Head	Molecular Biology, PGPR	09	•
Prof. Vivek Bobade	M.Sc. NET	Asst. Professor	Biochemistry, Pharmaceutical Biology	08	-
Dr. Smita Bhuyan	Ph. D, Post Doc	Asst. Professor	Molecular Biology, Fermentation Technology	07	-
Prof. Sheetal Pardeshi	M.Sc. NET	Asst. Professor	Taxonomy, Fermentation Technology	05	-
Prof. Anushka Devale	M.Sc.	Asst. Professor	Immunology	07	-
Prof. Rupali Sawant	M.Sc.	Asst. Professor	Medical Biology	07	•
Prof. Madhuri Kothawade	M.Sc. NET	Asst. Professor	Biochemistry, Applied Microbiology	05	-
Prof. Shradha Bashetti	M.Sc. NET	Asst. Professor	Genetics, Quantitative Biology	04	-
Prof. Jyoti Mohite	M.Sc.	Asst. Professor	Soil and agricultural microbiology	06 months	-

## 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%M. Sc Microbiology: Theory: NILPractical: 10%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

# 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	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:

Sr. No	Title of Project	Principal Investigator	Amount received Rs.	Funding agency	Duration of project	Status
1	Studies on characterization and production of biosurfactant/s by bacteria isolated from Mangrove rhizosphere	Dr. Shilpa Mujumdar	2,00,000/-	UGC	2 years (2012-14)	Completed
2	Camparitive studies on prodigiosin production and characterization by S. marcescens using various crude fatty acids and its applications	Ms. Sheetal Pardeshi	2,00,000/-	UGC	2 years (2012-14)	Completed

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

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

## 19. Publications:

		Pape	rs		Books		suo	ctor	ı	
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications	Total impact factor	Total citation	h-Index
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	-	-	-
Prof. Jyoti Mohite	1	1	-	-	-	-	2	-	-	-

## **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:

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

- Dr. Yogesh Shouche, NCCS, Pune
- Dr. B. B.Nath, Department of Zoology, Savitribai Phule 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	Applications received	Selected	Enro	Pass %	
Course/programme	received	M			
2010-2011	297	42	6	36	93
2011-2012	361	47	9	38	75
2012-2013	326	46	7	39	90
2013-2014	402	41	9	32	90
2014-2015	396	46	8	38	100
2015-2016	427	58	10	48	RA

## M.Sc.

Name of the	Applications	Selected	Enro	Pass		
Course/programme	received		M	F	%	
2010-2011	200	40	7	33	95.84	
2011-2012	135	37	5	32	97.91	
2012-2013	190	45	14	31	95.84	
2013-2014	192	43	7	36	100	
2014-2015	162	44	8	36	97.70	
2015-2016	280	48	3	45	RA	

## 28. Diversity of Students:

## B.Sc.

Year	ear % of students from the same state % of students from other States		% of students from abroad		
2010-2011	100	Nil	Nil		
2011-2012	100	Nil	Nil		
2012-2013	100	Nil	Nil		
2013-2014	99.08	0.92	Nil		
2014-2015	98.55	1.45	Nil		
2015-2016	98.59	1.19	0.22		

## 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
2011-2012	93.51	6.49	0.00
2012-2013	93.83	6.17	0.00
2013-2014	98.86	1.14	0.00
2014-2015	100.00	0.00	0.00
2015-2016	100.00	0.00	0.00

# 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
2011-12	10
2012-13	12
2013-14	45
2014-15	15
2015-16	29

# 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 SPPU, 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:-**

## **Academic achievements:**

# Dr. S.S. Mujumdar

- a) Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.
- b) Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- c) Chapter published in the book 'Industrial Biotechnology', Taylor and Francis publications.
- d) Chairman, Microbiology Association, Department of Microbiology.

### Ms. Sheetal Pardeshi

- a) Worked as a resource person in the workshop of 'How to score more? ', organized by Association of Microbiologists, India, Pune unit.
- b) Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- c) Chapter published in the book 'Industrial Biotechnology', Taylor and Francis publications.
- d) Coordinator, Treasure Hunt activity under Microbiology Association, Department of Microbiology.
- e) Research project sanctioned under 'Young Saunshodak' Scheme of Research Monitoring Committee, at Modern College of Arts, Science and Commerce, Pune-5.

## Dr. Smita Bhuyan-Pawar

- a) Oral presentation on "Bioactive potential of Dacrymycete fungi" at the International Conference organized by the Asian Mycological Society.
- b) Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.
- c) Coordinator, Debate competition, Microbiology Association, Department of Microbiology.

## Prof. Vivek Bobade

a. Worked as a resource person in the workshop of 'How to score more?', organized by Association of Microbiologists, India, Pune unit.

- b. Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India, Pune unit.
- c. Coordinator, Model and Poster Competition, Microbiology Association, Department of Microbiology.

## Mrs. Anushka Devale

Coordinator, Microbiology Quiz Competition, Microbiology Association, Department of Microbiology.

## Mrs. Rupali Sawant

Coordinator, Lecture series on Bioprospecting, Microbiology Association, Department of Microbiology.

## Mrs. Madhuri Kothawade

Coordinator, Social activity, Microbiology Association, Department of Microbiology.

## Ms. Jyoti Mohite

- a) Joined as Assistant Professor in the academic year 2015-16.
- b) Participated in the workshop on Gene annotation, organized by Association of Microbiologists, India. Pune unit.
- c) Coordinator, Microtoon and Salad competition, Microbiology Association, Department of Microbiology.

## Mrs. Shradha Bashetti Boid

- a. Chapter published in the book 'Industrial Biotechnology', Taylor and Francis publications.
- b. Coordinator, Alumni association, Microbiology Association, Department of Microbiology.
- c. Research project sanctioned under 'Young Saunshodak' Scheme of Research Monitoring Committee at Modern College of Arts, Science and Commerce, Pune-5.

## **Departmental activities:**

Under Microbiology Association and Star college scheme, DBT, New Delhi, the department organized several activities based on concepts in Microbiology, as follows:

- Debate Competition was conducted on 29th December 2015
- o Microtoon and Salad Competition was conducted on 29th December 2015.
- Documentary Competition was conducted on 29th December 2015. It was judged by Dr.
   Sougato Ghosh, Asst. Professor, Department of Microbiology, Modern College, Ganeshkhind,
   Pune.
- Lecture Series: 'Lecture series in Bio-prospecting' was organized on 30th December 2015. It comprised lectures given by Scientists from National Institutes such as NCL, NIV, MCC, Pune.
- Treasure Hunt was conducted on 1st January 2016. On the basis of clues, students found the final treasure.
- Microbiology Quiz Competition was conducted on 2nd January 2016. The screening test was conducted as per the schedule givenfor both UG and PG students on Monday 28th December 2015. The list of screened students was displayed on noticeboard on 31st December 2015. The students selected from screen test were distributed in the following groups by the lottery method in VIII groups.

Group size for M.Sc.: 4 (2 students of M.Sc I + 2 students of M.Sc II).

Group Size for B.Sc.: 4 (1 F.Y. Student + 1 S.Y. Student + 1 T.Y. Student + 1 S.Y. / T.Y. Student). Winning groups were selected on the basis of the quiz rounds like Q/A round, Rapidfire and Visual rounds.

- Model and Poster competition was conducted on 4thJanuary 2016.
   All under-graduate and post-graduate students actively participated in all these activities.
- Social activity: Our M.Sc.students MayurMokashi, Priyanka Shede, AkshayPhadnis, Prajakta Naik, Sushma Burkul and Mansi Raut visited Ghorpadewadi, Tal. Bhor, Dist. Pune on 9th April 2016. The purpose of the visit was basically to create awareness among the local people of

Ghorpadewadi regarding the benefits of use of biofertilizers.

Ghorpadewadi is located about 60 km from Pune district. Excessive use of chemical fertilizers in recent past has created problems of water contamination, less crop yield, soil salinity and low fertility. So to address this issue we organized awareness program for farmers of Ghorpadewadi. Through this program they tried to inform farmers about the benefits of biofertilizers over chemical fertilizers, importance of soil testing at regular intervals, crop rotation and use of affordable modern technology to reduce the efforts and time in agricultural work. They also informed them about institutions where soil testing and all other such tests are carried out. Our efforts were aimed at sharing our knowledge with the farmers in order to help them enhance their agricultural yield and practice sustainable development.

### Achievements of Students:

- 1. T.Y.B.Sc. Microbiology students participated in Microbiology Quiz Competition held by Department of Microbiology, R.C. Patel College of Arts, Science and Commerce, Shirpur.
- 2. Ms. Shreeya Ghanekar, student of M.Sc.- I Microbiology won the Third prize in 'Microbiopodium competition' held by Department of Microbiology, R.C. Patel College of Arts, Science and Commerce, Shirpur.
- 3. Mr. Amber Kachale and Mr. DigamberJagtap both ,students of M.Sc.- II Microbiology qualified GET exam in 2016.
- 4. Ms. Bhavana Nath, student of M.Sc.- II Microbiology qualified CSIR NET-LS in 2016.

Dr. S.S. Mujumdar

Head

# **Department of Physics**

- 1. Name of the department: Department of Physics
- 2. Year of Establishment:

B.Sc. Physics 1970 M.Sc. Physics 2015

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 with Choice Based Credit System

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.:
- 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 (Upto 31 <sup>st</sup> August 2015)	M. Sc. D. H. E.	Associate Professor and Ex-Head	Material Science	37	-
Prof.S. S. Thengadi (From 1st September 2015)	M. Sc.	Associate Professor and Head	Applied Electronics	28	-
Prof. S. R. Wagh	M. Sc., M. Phil, ADCSSA	Associate Professor	Electronics	30	-
Prof.V. T.Shelke	M. Sc.	Associate Professor	Electronics 28		-
Prof.Nileshkumar Pardeshi	M. Sc. SET	Assistant Professor	Material science	6	-
Dr. S. S. Patil	M. Sc. Ph. D.	Assistant Professor	Material science 3		-
Dr. V. S. Waman	M. Sc. Ph. D.	Assistant Professor	Nanotechnology	3	-
Prof.S. R. Gogte	M. Sc. NET	Assistant Professor	Quantum Field Theory	3	-
Prof. Amishi Rindani	M.Sc. M.Phil. SET	Assistant Professor	Quantum Mechanics 13		-
Prof. Hrishikesh Khatri (till 29th February 2016)	M.Sc. GATE, SET	Assistant Professor	Experimental Techniques	01	-

## 11. List of Senior Visiting Faculty:

Dr. Devayani Patil, Department of Physics, SPPU, 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: 02

- Systematic synthesis, characterization & field emission investigations of novel metal oxide nanostructures/heterostructures Sanctioned by BCUD, (SPPU), 2014-2016.
- Development of CZTS based low cost thin film solar cells by electrochemical deposition method, Sanctioned by BCUD, (SPPU), 2014-2016

# 17. Departmental projects funded by DST - FIST, UGC, DBT, ICSSR, etc. and total grants received: 02, Grants sanctioned Rs. 4,60,000/- (2014-2016)

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

Applied to SPPU for Research Centre in Physics.

### 19. Publications:

		Pape	ers		Books		ons	u		
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications	Total impact factor	Total citation	h-Index
Prof.Nileshkumar Pardeshi	01	-	-	-	-	-	01	3.5	1	1
Dr. S. S. Patil	18	1	09	1	1	1	27	46.2	153	7
Dr. V. S. Waman	30	-	09	1		1	30	47	142	6

## • Books with ISBN/ISSN numbers with details of publishers:

National Conference on Energy and Environment (NC2E-2014) on 'Energy and Environment Security through Cutting Edge Technology' ISBN No.: 978-93-83993-10-9, Success Publication, website: www.sharpmultinational.com

## 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:

Dr. Vaishali Waman was a member of the editorial board Proceedings of National Conference on Energy & Environment, NC2E-2014, Savitribai Phule Pune University ISBN: 978-93-83993-10-9

#### 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 Teaching Staff:**

Prof. S.S.Thengadi was awarded the "Best Teacher" award by the Progressive Education Society. Pune on 25<sup>th</sup> January 2012.

### **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. Shriram Ramane completed a course in Experimental Physics at IISER, Pune in December 2014
- Mr. Jitin P. completed winter course in Karnataka University on Experimental/Theoretical Physics.

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

Following academicians and scientists visited the Department during 1/4/2010 to 31/3/2014

- Prof. C. V. Dharmadikari, Emeritus Professor from IISER, Pune
- Prof. S. D. Dhole, Department of Physics, Savitribai Phule 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	Applications		Enro	olled	
Course/programme	received	Selected	M	F	Pass %
2010-2011	297	197	108	89	58.82
2011-2012	361	216	111	105	65.71
2012-2013	326	191	89	102	68.42
2013-2014	402	213	91	122	76.92
2014-2015	396	225	109	116	72.22
2015-2016	427	236	121	115	RA

#### M.Sc.

Name of the	Applications		Enro	lled	
Course/programme	received	Selected	M	F	Pass %
2015-2016	257	24	10	14	RA

#### **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
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	1.45	Nil
2015-2016	98.59	1.19	0.22

### 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
2011-12	35
2012-13	70
2013-14	168
2014-15	120
2015-16	161

# 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, Savitribai Phule 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 SPPU, 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 Activities:**

All teaching and non teaching staff members extended their whole hearted support and cooperation in smooth functioning of the department.

#### **Student Strength:**

F. Y. B. Sc. - 243

S. Y. B. Sc. - 154

T. Y. B. Sc. - 20

M. Sc. I\* - 23

(\* Started from A.Y. 2015-16)

#### **Activities for Students:**

- 1. Study tours: As a part of curriculum, the department arranged different study visits for F. Y., S. Y. and T. Y. B. Sc. classes.
  - a) T. Y. B. Sc. and M. Sc. students visited Geomagnetic Observatory Alibaugh, Dist. Raigad on 19th January 2016. Prof. S. R. Gogte, Dr. Sandeep Patil, Prof. Nileshkumar Pardeshi, Dr. Vaishali Waman and Shital Bhosale took efforts in organizing this activity.
  - b) F. Y. B. Sc. and S. Y. B. Sc. students visited KISAN 2016, IT-Expo (exhibition arranged by CMDA, Pune) and MahaTech (an exhibition of Automation in Industrial products). Prof. S. S. Thengadi , Prof. Nileshkumar Pardeshi, Prof. S. R. Gogte, Dr.

Sandeep Patil, Prof. S. R.Wagh, Prof. V. T.Shelke and Dr. Vaishali Waman took efforts in organization and smooth functioning of these study visits.

2. Guest Lectures: Guest lecturers of Dr. Shashikant Shinde from Wadia College Pune-1, were arranged for M. Sc. Physics students. The topic of the lectures was "LASER".

Also Guest lectures on Human Rights and Cyber Security by Prof. Sangita Sarma and Prof. Hrishikesh Joshi were arranged for M. Sc. Physics students.

- 3. Poster competition: A poster competition and exhibition was conducted for the F. Y. B. Sc. class on 5th February 2016. The theme of the exhibition was "Indian Space Program". The Poster exhibition was inaugurated by Prof. S. R. Chaudhari, Vice-Principal, Modern College, Pune 5. Prof. S. R. Wagh and Prof. V. T. Shelke evaluated the posters. Prof. N. M. Pardeshi was the coordinator of this event.
- **4.** Project exhibition and competition: Students of T. Y. B. Sc. (Physics) carry out a project work as a part of their curriculum. Exhibition and Competition of these projects was arranged on 3rd February 2016. Dr. R. S. Zunjarrao, Principal inaugurated the exhibition. Dr. Sandeep Patil was the coordinator of this event. Shri. Pravin Rane, Director, Prowiz Systems, Pune and Prof. Nileshkumar Pardeshi examined the projects.
- **5.** Power point competition: The students of S. Y. B. Sc. prepared power point presentations on various topics of Physics and presented those in the class. This competition gave the students an opportunity to improve their presentation skills. Dr. Vaishali Waman and Prof. Hrishikesh Khatri judged the presentations. Prof. S. R.Gogte was the coordinator of this event.

The prizes of all these competitions were awarded by Prof. S. S. Thengadi, Prof. S. R. Wagh and Prof.V. T. Shelke. They also guided the students about career development. The event was coordinated by Dr. Sandeep Patil, Prof. Sanket Gogte and Prof. Amishi Rindani.

#### **Achievements of Students:**

Results of the Department: For the academic year 2014-15

Class	Percentage (%)
F. Y. B. Sc	69.96
S. Y. B. Sc.	86.73
T. Y. B. Sc.	98.9
M.Sc. I (Sem I)* *academic year 2015-16	55

- A team of following students under the guidance of Dr. Sandeep Patil and Dr. Vaishali Waman participated in the "Inter collegiate Avishkar Competition-2016" conducted by Savitribai Phule Pune University, Pune:
  - 1. Jithin P 2. Sainath Wadekar 3. Shanuja Radhakrishnan 4. Rajesh Gunjalkar 5. Sunil Barma.
- Jithin P. a student of T.Y.B.Sc. participated in Physics Training Talent Search (PTTS-2015), a two week residential program held at Kuvempu University, Shimoga, Karnataka. He is also selected for summer school at JNCASR (Jawaharlal Nehru Centre for Advanced Scientific Research) Bengaluru.
- Mr. Rohon Kundu, F.Y.B.Sc. student carried out research work under college 'Yuva-Sanshodhan' scheme on the topic Superconductivity. Dr. Sandeep Patil guided the project.
- A team of following students participated in 'Quiz Competition' organized by Indian Association of Physics Teachers in collaboration with Fergusson College, Pune:
  - 1. Jithin P 2. Shanuja Radhakrishnan 3. Rohon Kundu.

#### Activity for teaching and non-teaching staff:

One day trip to Mahabaleshwar was arranged on 14th February 2016, for teaching and non-teaching staff of the department along with family.

#### Contribution by the teachers:

1. Prof. S. S. Thengadi actively participated in preparing the report and presentation for

- the NAAC, NIRF, Community college scheme, KAUSHAL. He also helped the college administration in preparation of proposals for various schemes/funding agencies and following up the agencies.
- 2. Prof. Nileshkumar Pardeshi attended the Refresher Course conducted by department of Physics UGC-Academic Staff College, Savitribai Phule Pune University in July 2015.
- 3. Dr. Sandeep Patil attended one day conference 'Innovation-2015', held at Fergusson College, Pune on 17th June 2015. He has also attended the Orientation Course conducted at UGC-Academic Staff College, Savitribai Phule Pune University from 1st October 2015 to 28th October 2015.
- 4. Dr. Vaishali Waman attended one day conference 'Innovation-2015', held at Fergusson College, Pune on 17<sup>th</sup> June 2015. She also attended the Orientation Course conducted at UGC-Academic Staff College, Savitribai Phule Pune University from 1st October 2015 to 28th October 2015.

#### Contribution by the Non-teaching staff:

Shri. Namdeo Mahade (Lab. attendant) of the department was selected as representative of non teaching staff on LMC of the college.

#### **Publications:**

### Dr. Sandeep S. Patil:

- 1. Electrochemical Synthesis of Conducting Polypyrrole Film on Tin Substrate: Structural, Chemical and Field Emission Investigations. Journal of Nanoresearch 16 (2016) 44.
- 2. Facile synthesis of cadmium sulphide-polyaniline (CdS-PANI) nanocomposite and its field emission investigations. Journal of Polymer Research 22 (6), 1-8.
- 3. Effect of synthesis parameters on morphology of polyaniline (PANI) and field emission investigation of PANI nanotubes AIP Conf. Proc. 1665 (2015) 050078(1-3); DOI: 10.1063/1.4917719

#### Dr. Vaishali S Waman:

- a) Effect of calcinations on structural, morphological and photo electrochemical performance of SnO2/TiO2 nanostructure films.

  Thin Solid Films 589 493-502 (2015)
- b) Effect of annealing on optical and structural properties of rutile TiO2 Nanoarrays Journal of Nano Research 34 23-27 (2015)
- c) Growth of boron doped hydrogenated nanocrystalline cubic silicon carbide (3C-SiC) films by HW-CVD
   Materials Research Bulletin 76 205-215 (2015)

#### Superannuation

- After a long service of 37 years, **Prof. A.V.Deshpande**, Head, Department of Physics retired from the services on 31-8-2015.
- After a long service of 38 years, **Shri. Shashikant Kamthe**, (Laboratory Attendant and also Member of Local Managing Committee of the college) retired from the services on 30-6-2015.

#### **New Appointments**

- a) Prof. Mrs. Amishi Rindani (M.Sc., M.Phil., SET), Hrishikesh Khatri (M.Sc.. GATE, SET) appointed for M.Sc.
- b) Dr. Devayani Patil, Ms. Shital Bhosale, Mrs. Snehal Itape worked as visiting/CHB faculty.

**Prof. S.S.Thengadi** Head

### **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.:
- 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	19	-

- 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	Application		Enro	olled	
Course/programme B.A. Political Science	received	Selected	M	F	Pass %
2010-2011	239	212	131	81	100.00
2011-2012	246	202	114	88	66.66
2012-2013	282	233	138	95	100.00
2013-2014	314	267	159	108	86.84
2014-2015	364	287	165	122	90.19
2015-2016	378	276	162	114	RA

#### **27.Diversity of Students:**

#### B.A.

Year	% of students from	% of students from	% of students
	the same state	other States	from abroad
2010-2011	100	Nil	Nil
2011-2012	98.24	1.32	0.44
2012-2013	97.82	1.82	0.36
2013-2014	100	Nil	Nil
2014-2015	94.1	1.24	4.66
2014-2015	96.56	0.52	2.90

# 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%
	30 70
PG to M.Phil	-
PG to Ph.D	-
Ph.D to Post-Doctoral	-
Employed	
<ul> <li>Campus selection</li> </ul>	
<ul><li>Other than campus</li></ul>	-
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
2011-12	23
2012-13	63
2013-14	159
2014-15	120
2015-16	99

### 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- from the academic year 2016-17.
- 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:-**

### राज्यशास्त्र विभाग

मॉर्डन कला, विज्ञान व वाणिज्य महाविद्यालयात राज्यशास्त्र या विषयाचे अध्ययन, अध्यापन केले जाते. राज्यशास्त्र हा विषय मराठी व इंगजी या माध्यमातून केले जाते. या विभागात प्रा. विष्णू श्रीमंगले व प्रा. विजय फासाटे हे अध्यापनाचे काम करतात. प्रा. खोकले डी. एल. यांनी श्रीछत्रपती शिवाजी महाविद्यालय, जुन्नर येथे दि. ५ मार्च २०१६ ते ११ मार्च २०१६ या कालावधीत

प्रा. खाकल डा. एल. यांना श्राछत्रपता शिवाजा महा।वद्यालय, जुन्नर यथ दि. ५ माच २०१६ त ११ माच २०१६ या कालावधात ''मानवी हक्क आणि वंचित गट'' या राष्ट्रीय चर्चासत्रात सहभाग घेतला. याच विभागातील प्रा. विष्णू श्रीमंगले यांनी सावित्रीबाई फुले पुणे विद्यापीठात आपला पीएच.डी. शोधप्रबंध सादर केला आहे. शैक्षणिक वर्ष २०१६–२०१७ पासून एम.ए. राज्यशास्त्र हा विषय सुरू करण्यात येत आहे.

– प्रा. खोकले डी. एल. विभाग प्रमुख

### **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 with Choice Based Credit System

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	33	-
Prof. Smt. Vijaya Jagtap	M.A., M.Ed.	Assistant Professor	Clinical Psychology	16	-
Prof. Smt. Smita Vaidya	M.A., SET	Assistant Professor	Clinical Psychology	14	-
Prof. Mrs. Shradha Sakatkar	M.A., SET, B.Ed.	Assistant Professor	Counseling Psychology	08	-
Prof. Sairaj Patki	M.A., SET, Ph.D.	Assistant Professor	Clinical Psychology	04	-
Prof. Apeksh Gawade (Till 2014-15)	M.A.	Assistant Professor	Counseling Psychology	03	-
Prof. Sumedha Chandekar (Till 2014-15)	M.A., NET	Assistant Professor	Counseling Psychology	02	-

#### 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	1	2	1	-

### 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:

Dr. Amruta Oke: Principal Director Dr. Sairaj Patki: Joint-Director

ICSSR sponsored research project entitled 'Emotional Intelligence Among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates', for the period of two years, commencing from 20/12/2015, with the approved funds of Rs. 17,00,000/-.

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

Dr. Amruta Oke is a recognized guide for M. Phil. course of SPPU.

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:

		Papers		ns
Name of the faculty	Internati onal	National	Presente d in Conferen ce	Total publicatio
Dr. Amruta Oke	-	-	2	2
Prof. Smt. Vijaya Jagtap	-	-	1	1
Prof. Smt. Smita Vaidya	-	-	3	2
Prof. Mrs. Shradha Sakatkar	-	-	2	3
Dr. Sairaj Patki	4		4	8

#### • 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
- Manasshastra- Vartanche Shastra (2015) Dorling Kindersley (India) Pvt, Ltd. ISBN- 987-93-325 1936-7

#### 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.
- A member of an Editorial Board of a National journal *Manas Shastra Patrika* with ISSN-2394-4730.

Prof. Vijaya Jagtap, Prof. Smita Vaidya, Prof. Shradha Sakatkar and Dr. Sairaj Patki were the members of Editorail Board for a national conference on 'Emotional Intelligence – Role in Human Life' organized by the department.

#### 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:

 Ms Monika Mishra, a student of M.A. II was awarded First Prize for the paper presentation in the national conference on 'Emotional Intelligence – Role in Human Life' organized by the department.

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

Dr. C. G. Deshpande
 Dr. Medha Kumthekar
 Department of Applied Psychology, Mumbai University
 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, SPPU, Pune

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

- a. National: National Conference on 'Emotional Intelligence: Role in Human Life' (5<sup>th</sup> & 6<sup>th</sup> February, 2016) funded by BCUD, SPPU, Pune.
- b. International: Nil
- c. State: A preconference workshop on 'Bringing Emotional Intelligence in cClassroom' funded by BCUD.

#### 26. Student profile programme/course wise:

#### B.A.

Name of the	Application	Selected	Enro	olled	Pass %
Course/programme	received	Selecteu	M	F	Pass %
2010-2011	239	134	68	66	90.62
2011-2012	246	109	50	59	94.73
2012-2013	282	126	50	76	100
2013-2014	314	137	50	87	93.75
2014-2015	364	189	71	118	100
2015-2016	378	168	69	99	RA

#### M.A.

Name of the	Application	Selected	Enrolled	Pass %

Course/programme	received		M	F	
2010- 2011	72	52	5	47	88.88
2011-2012	68	46	11	35	100
2012-2013	45	38	9	29	90.90
2013-2014	59	42	12	30	100
2014-2015	55	29	6	23	97.05
2015-2016	82	48	4	44	RA

#### **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
2011-12	98.24	1.32	0.44
2012-13	97.82	1.82	0.36
2013-14	100	Nil	Nil
2014-15	94.1	1.24	4.66
2015-16	96.56	0.52	2.90

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
2011-12	93.00	5.00	2.00
2012-13	91.46	7.32	1.22
2013-14	90.12	6.17	3.70
2014-15	94.12	4.41	1.47
2015-16	94.56	5.22	0.22

### 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	20-25%
<ul> <li>Campus selection</li> </ul>	60-70%
<ul> <li>Other than campus Recruitment</li> </ul>	-
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
2011-12	35
2012-13	70
2013-14	168
2014-15	120
2015-16	99

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

#### Quiz Competitions

#### Seminars

#### Guest lectures

- o Suicide Dr. C.G.Deshpande, Dr. Ulhas Luktuke, Dr. Medha Kumthekar
- o Psychological Research Dr. Vaishali Mardhekar
- o NEO-PI Dr.Savita Deo
- o Psychology testing application DR. Sucharita Gadre
- o Neurocognitive Science Dr. Awasthi

#### Workshops

- o Pre marital counseling workshop Mrs. Haldankar
- o HIV –AIDS Workshop Dr. Ujjwal Nene
- o Dignostic Psychological Assesment Dr. Ujjwal Nene
- o Dance Therapy Mr. Tonmoy Haldar
- o Rorschach Administration Dr. Ujjwal Nene
- o Geriatric Counseling Mrs. Vanita Jadhav
- o School Counseling Mr. Pawan Gaikwad
- o Soft Skills Smita Dongare & Anuja Kolhatkar
- o Career Counseling Dr. Shreeram Geet
- o Yoga Therapy Mr. Shankar Khedkar
- o Drug Addiction & Rehabilitation Mr. Indrajeet Deshmukh

#### Visits

- Prasana Autism centre
- Christian Counseling Centre, Vellore
- Sumpark Balgram
- o Muktangan
- Schizophrenia Awareness Association (SAA)
- o Ratnagiri, Mental Hospital
- Kavalyadham & Manshakt
- o Delhi, Hypnotherapy-National seminar INU
- o Kripa Foundation, Pune Drug De-addiction Centre IPH, Thane
- Schizophrenia Awareness Association (SAA)
- o Bal Kalyan Sanstha, Pune
- o Little Kingdom Montessori School, Pune.

#### Other Activities and Programs

- o Earnst and Young Foundation Career Awareness program in Corporation schools
- o Organized a "Psychology Book Exhibition" by Forward books Counselling camp
- o 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)
IV.	Pragati Foundation Group Testing & Career Awareness (M.AII students of the department provide psychological testing services and career awareness to children of brick-kiln laborers (2012, 2013))

Sr. No.	Extension activities		
	Guest lecture on Suicide-		
T T	C.G.Deshpande		
1.	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)		
VII.	Study Tour- Sumpark Balgram (24/08/13)		
VIII.	Study Visit to Kripa Foundation Drug De-addiction Centre		
VIII.	(03/09/13)		
IX.	Visit to Schizophrenia Awareness Association (SAA)		
Χ.	HIV -AIDS Awareness Workshops (Each year)		

#### 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 SPPU.
- 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 SPPU, Pune.
- To start a Diploma Course in 'Industrial Psychology'

### **Departmental Activities:**

- **National Conference** The department successfully organized grand two-day (5<sup>th</sup> and 6<sup>th</sup> February, 2016) National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU), which saw special talks by resource persons of international repute from across India and active participation of over 300 participants.
- **Psychological wellness screening drive:** Under the guidance of Principal Dr. R. S. Zunjarrao, the department completed a first-of-its-kind psychological wellness screening drive along with the regular annual medical check-up for first-year under-graduate students of the entire college and with the P.T. exam for the 11<sup>th</sup> Standard students.
- Workshops Workshops organized by the department included a 'open-to-all' workshop on 'Bringing Emotional Intelligence in Classroom' by resource persons of EQUIP KIDS Thane, on Pre-marital counselling by Mrs. Anuja Kolhtkar, on HIV –AIDS by Mrs. Purva Deshpande, and on Qualitative Analysis by Ms. Gaytri Vartak.
- Guest lectures Guest lectures aimed at holistic development of students through practical and like skills building included a documentary show on "Financial Literacy" by representatives of Dalal and Brocha financial consultants, an orientation program on 'Learning disability' by Dr. Shanta Vaidya Memorial Foundation Maitra, an orientation program on 'Rational Emotive Behaviour Therapy' & 'Cognitive Behaviour Therapy' by Kaehalee Ghorpade, Guest Lecture on Learning Disability by Ms. Gurleen Kohli (alumni), and a guest lecture on the upcoming field of Sports Counselling by Ms. Gayatri Vartak (alumni).
- **Study Visits** Students learnt psychological welfare activities, projects and modules being run by institutes like IPH, Thane, Schizophrenia Awareness Association (SAA), Bal Kalyan Sanstha, and Little Kingdom Montessori School through visits to their centre.

To give hands-on experience to students of M.A. Counselling Psychology and an extension activity, an awareness program was conducted in Corporation schools through the Earnst and Young Foundation.

- Campus placement drive Campus placement drive was held at the department wherein representatives of Noitacude Educational Services and Samiksha Counselling Centre Pvt. Ltd. interviewed and selected second-year post-graduate students (selection ratio 10:4, 10:3 respectively).
- **Exhibition** 'Psychology Book Exhibition' was organized by Forward books, wherein students could go through numerous reference books and even purchase them at a discounted rate.

#### **Achievements of the department:**

The department was sanctioned a two-year major research project titled "Emotional Intelligence among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates", by Indian Council of Social Sciences Research (ICSSR), Delhi, with a grant of Rs. 17 lakhs.

#### Achievements of the Faculty:

#### Dr. Amruta S. Oke

- 1. Research paper presented at International Conference at Kolkata (Oct., 2015).
- 2. Worked as Principal Investigator and sanctioned a two-year major research project titled "Emotional Intelligence among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates", by Indian Council of Social Sciences Research (ICSSR), Delhi, with a grant of Rs. 17 lakhs.
- 3. Organized National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
- 4. Invited as a resource person in National conference held at Ramakrishna More College, Akurdi.

5. Worked as a member of BOS in Psychology of St. Mira's College, Pune.

#### Mrs. Vijaya Jagtap

- 1. Poster titled 'Enhancement of Innovative Skills in Emotional Intelligence, published in abstract book of International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education'. Abstract published in abstract book.
- 2. Worked as Organizing committee member for National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
- 3. Attended ICSSR sponsored Two Week Capacity Building Programme.

### Ms. Smita Vaidya

- 1. Completed 5days Emotional intelligence trainers Certification course conducted by Equip kids, Thane.
- 2. Worked as Organizing committee member for National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
- 3. Guided 2 posters and 2 papers in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU). One paper got 2<sup>nd</sup> prize in paper reading competition
- 4. Guided students for Avishkar Competion.
- 5. Participated and won in Throw ball and Dodge ball Competition in Kanitkar Smriti Sport Competition.

#### Mrs. Shradha Sakatkar

- 1. Paper presented at 8TH India IGU International Conference on "Urban Health and Wellbeing" at SNDT Women's University, Pune (Nov. 2015), abstract published in abstract book.
- 2. Completed 5days Emotional intelligence trainers Certification course conducted by Equip kids, Thane.
- 3. Worked as Organizing committee member for National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
- 4. Guided 2 posters in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU)
- 5. Guided 2 students for Avishkar Competion.
- 6. Guided 2 students for Yuva Sanshodhak.
- 7. Conducted Parenting Work-shops in different Schools.
- 8. Participated as Captain and won in Throw ball and Dodge ball Competition in Kanitkar Smriti Sport Competition.

#### Dr. Sairaj M. Patki

- 1. Paper titled 'Big Five Personality Factors as Predictors of Organizational Citizenship Behaviour: A Complex Relationship' selected for publication in International Journal of Indian Psychology, Vol. 3, Issue 2, No. 9, 2016, ISSN: (e)2348-5396, (p)2349-3429 (2015 Impact factor: 5.10)
- 2. Poster titled 'Learning through Play: Development of Test Trump Cards for Psychological Tests' presented at International Conference on 'Innovations in Teaching, Learning and Evaluation in Higher Education' organized by Modern College of Arts, Science and Commerce, Shivajinagar, Pune 05. (Jan. 2016). Abstract published in Abstract Book.
- 3. Completed Ph.D. titled "Personality, Perceived Leadership Style, HRD Climate, Perceived Social Support and Organizational Citizenship Behaviour in Bank Clerical Employees" in December 2015, under the guidance of DR. Shobhana Abhyankar, at Department of Psychology, Savitribai Phule Pune University.
- 4. Completed 5days Emotional intelligence trainers Certification course conducted by Equip kids, Thane.
- 5. Worked as Co- PI for the project "Emotional Intelligence among Adolescents: Tool Development, Enhancement through Training, and Study of Correlates", sanctioned by Indian Council of Social Sciences Research (ICSSR), Delhi, with a grant of Rs. 17 lakhs.
- 6. Paper presented at 8TH India IGU International Conference on "Urban Health and Wellbeing"

- at SNDT Women's University, Pune (Nov. 2015), abstract published in abstract book.
- 7. Worked as Joint secretory for the National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU)
- 8. Guided poster in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU)
- 9. Guided students for Avishkar Competion.

#### **Students Achievements:**

- 1. Ms. Sheetal Lakhani presented Paper at 8TH India IGU International Conference on "Urban Health and Wellbeing" at SNDT Women's University, Pune (Nov. 2015), abstract published in abstract book.
- 2. Ms. Sanika Autade, M.A. II got selected for State level Avishkar competition.
- 3. Lavon Dawson and Shantveer Yadav from T.Y. B. A., and Ms. Monika Mishra, Ms. Chaitali Gawas, Mr. Sushant Joshi, Ms. Archana Chinchane Ms. Nivedita Dutta, Ms. Anuradha Ahirrao from M.A. II presented posters at Avishkar competion.
- 4. Ms. Monika Mishra got second prize in paper reading competition at National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU) and her research paper titled "General Indian Perspective on Brest Cancer & Uterus Cancer Surgery" selected for presentation in National Conference on "Indian Mind and Societal Concerns: An Interdisciplinary Dialogue" I nNew Delhi (April, 2016)
- 5. Ms. Sheetal Lakhani, Ms. Sanika Autade, Ms. Ankita Damle, Ms. Nikta Bagrodia, Ms, Rucha Ghanekar, Ms. Archana Chinchane, Ms. Monika Mishra, Ms. Mugdha Padhye, and Mrs. Aparna Dixit from M.A. presented papers / posters in National Conference on 'Emotional Intelligence: Role in Human Life', sponsored by BCUD (SPPU).
- 6. Ms. Archana Chinchane, Ms. Nivedita Dutta and Mr. Suchant Joshi from M.A.-II were selected for 'Yuva Sanshodhak Scheme' of the college and presented posters thereof.
- 7. Research paper of Ms. Sneh Jhaveri titled "A Study on Locus of Control, Peer Influence on Dieting, Media Exposure and Body Image on Young Adults" selected for publication in Indian Journal of Health and Wellbeing (April 2016 issue).
- 8. Result analysis: B.A.- 100% M.A. 97.05%.

-Dr. Amruta S. Oke Head

### **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 with Choice Based Credit System M.Sc. Statistics: Semester Pattern with Choice Based Credit System

#### 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 of the Department	Statistical Process Control and Stochastic Process	36	-
Prof. P.S. Kapre	M.Sc. M.Phil	Associate Professor	Actuarial Statistics	36	-
Dr. M.M. Sane	M.Sc. M.Phil Ph.D.NET	Associate Professor	Statistical Inference	20	-
Prof. R.M. Umrani	M.Sc. SET M.Phil.	Assistant Professor	Sampling Methods	17	-
Prof. A.T.Kamble	M.Sc. M.Phil, SET	Assistant Professor	Directional Data Analysis, Survival Analysis	09	-
Prof. T.N. Choudhary	M.Sc. M.Phil	Assistant Professor	Clinical Trials	11	-
Prof. P.S. Waldhe	M.Sc. SET	Assistant Professor	Linear Algebra and Actuarial Statistics	5	-
Prof. A. S. Chinchanikar	M.Sc.	Assistant Professor	Probability Distributions	6	-

Prof. M.A. Kanade	M.Sc.	Assistant Professor	Probability Distributions	5	-
Prof. A. V. Kulkarni	M.Sc.	Assistant Professor	Clinical Trails	3	-
Prof. M. S. Deo	M.Sc.	Assistant Professor	Biostatistics	2	-

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

- Dr. G. B. Marathe (Savitribai Phule University, Pune)
- Dr. M.S. Prasad (Bharati Vidyapeeth, Pune)
- Dr. S.S. Deo (Savitribai Phule 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 (Savitribai Phule University, Pune)
- Dr. S. R. Deshmukh (Savitribai Phule 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	-	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:

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:

		Pape	rs	Books			ns
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications
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:

Prof. P. G. Dixit is working on an Editorial Board of research journal '*Dnyanomay*' published by Progressive Education Society.

### 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 recieved 'Best Teacher Award' for academic year 2015-16 from Progressive Education Society
- Working as Nodal Officer, AISHE, Delhi.

#### **Students:**

- Dr. Rajendra Gurav, a past student of the department was awarded Ph.D. in Statistics from SPPU, Pune-7.
- Ms. Kirti Gaikwad, a past student is appointed in the Central Government in Indian Statistical Services (ISS) as Statistical Officer.
- Mr. Chandrashekhar Potnis, a past student is awarded "Exemplary Industrialist" by K.B. Alias Anna Talwalkar Memorail Trust in February 2014.
- 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:

Sr. No.	Date	Name of the guest
1.	29/06/2011	Dr.Anant Patki, Retd. Scientist, ISRO, Bangalore.
	27/07/2011	Dr.Vijay Kulkarni, Bharati Vidyapeeth Social Science Department, Pune.
2.	17/12/2011	Dr.J.K.Wani,Calgeri University, Alberta Canada
3.	20/12/2011	Dr. Jayraman, Kerala Forest Research Institute, Kerala.
4.	27/07/2012	Dr. J. V. Deshpande, Former Head, Department Statistics, University of Pune and Professor at Mathematical Institute, Chennai
5.	22/08/2012	Mr.Akshay Dixit, Sonal Dhand, Alpana Dwivedi, Rajaraman (Ultramax Infonet, Pune )
6.	23/08/2012	Dr. M. B. Kulkarni, BYK College, Nasik.
7.	07/09/2012	Dr. M. N. Deshpande, Director and Former Head, Institute of Science, Nagpur.
8.	12/10/2012	Dr. Mohan Kale, Professor of Statistics, Departmnet of Statistics, SPPU.
9.	28/12/2012	Mrs. Sahinta Yeolekar, CYTEL Software Ltd., Pune.
10.	11/02/2013	Dr. Waman H. J., Former Professoe of Statistics, Bangalore University, Bangalore.
11.	16/03/2013	Dr. Ashok Shanbhague, Head, Department of Statistics, Sardar Patel University, Anand, Gujrat.
12.	01/05/2013	Dr. M. N. Deshpande and Mr. Gokhale, Ex-Head, Institute of Science , Nagpur.
13.	29/06/2013	Dr. Onkareshwara Prasad, Director, Beuro of Economics and Statistics, Pune.
14.	27/07/2013	Mr. H.N. Patil, Senior Statistician, MSRTC, Pune.
15.	24/08/2013	Mr. Potnis, CEO, NITOR Software Company, Pune. Ms. Kirti Gaikwad, ISS Officer, ISI, Delhi.
16.	17/01/2014	Mr. Akash Rughani Ms. Hemal Thakkar Ms. Deepti Pujari Mr. Lavesh Pillai (FINSTAT Training Personelle in ACTUARIAL Statistics)
17.	18/01/2014	Dr. A. P. Gore, Vice-President, CYTEL, Pune.
18.	18/01/2014	Prof. A. G. Gosavi, Retd. Principal, Modern College of Arts, Science and Commerce, Shivajinagar, Pune-5.

19.	26/06/2014	Dr. V. Parmeswaran, Deputy Director General, NSSO, Pune.
20.	13/12/2014	Dr. Palanichami, Director, PRA Health Science, Chennai.
21.	17/10/2014	Dr. D.T. Shirke, Professor of Statistics, Department of Statisitics, Shivaji University, Kolhapur.
22.	Lecture Series	Mr. Nitin Pawar, Tech-Mahindra Infotech, Pune.
23.	16/12/2014	Prof. Akanksha Kashikar, Professor, Department of Statistics, SPPU.
24.	Started SAS course	Mrs. Priti Pandhu, Data Science laboratory, Pune.
25.	11/12/2014	Dr. Ketkar Anant, Adviser, OASIS Institute, Pune.
26.	16/12/2014	Prof. V. C. Kakade, Professor of Statistics, TC College, Baramati.
27.	29/06/2015	Prof. A.S. Prabhu Former professor of Fergusson College, Pune
28.	28/07/2015	Dr. Sudhir Kulkarni, Professor at Botswana
29.	23/12/2015	Ms. Deepti Pujari
29.	23/12/2015	Mr. Akash Rughani,Finstat Academy,
30.	30/12/2015	Dr. J.V. Deshpande, Former Head, Department Statistics, University of Pune and Professor at
30.	30/12/2013	Mathematical Institute , Chennai
31.	13/02/2016	Dr. L. B. Thakur, Former professor and Head of Statistics Department Dr. B.R. Ambedkar Marathwada
J1.	13/02/2010	University, Aurangabad
32.	23/02/2016	Dr. M. N. Deshpande, Former Director, and Head, Department of Statistics, Institute of Science, Nagpur

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

a. National: 3 Workshops

b. International: 1 Pre-conference

c. State: 1 Workshop

d. District: 3 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)	Savitribai Phule Pune University
3	2012-13	National Workshop on Careers in Statistics (International Statistics Year)	Students' Welfare Savitribai Phule Pune University
4	2013-14	Workshop on revision of M.Sc. I Sem I and II (Choice based credit system) syllabi	Savitribai Phule Pune University
5	2013-14	Workshop on revision of M.Sc. II Sem III and IV (Choice based credit system) syllabi	Savitribai Phule Pune University
6		i. S.Y. B.Sc. Quiz Final Round	Board of Students' Welfare Savitribai Phule Savitribai Phule Pune University
6 2014-15	ii. T. Y. B.Com. Syllabi Revision	BCUD, Savitribai Phule Savitribai Phule Pune University	
		i. Preconference organised before Internaional Conference	Board of Students' Welfare Savitribai Phule
7	7 2015-16	ii. S.Y. B.Sc. Quiz Final Round	Savitribai Phule Pune University
		iii. State level workshop on 'Survival and Reliability Analysis'	Board of College and University Development

### 26.Student profile programme/course wise:

B.Sc.

Name of the	the Applications Colored		Enrolled		Dags 0/
Course/programme	received	Selected	M	F	Pass %
2010-2011	297	81	55	26	84.21
2011-2012	361	92	46	46	100
2012-2013	326	79	35	44	96.42
2013-2014	402	96	42	54	92.00
2014-2015	396	94	36	58	89.28
2015-2016	427	124	59	65	RA

M.Sc.

Name of the	Annliantions		Enrolled		
Name of the Course/programme	Applications received	Selected	M	F	Pass %
2010-2011	145	26	8	18	63.15
2011-2012	135	30	7	23	80.00
2012-2013	155	30	9	21	55.55
2013-2014	145	34	9	25	72.41
2014-2015	158	32	11	21	79.31
2015-2016	143	30	10	20	RA

### **27.Diversity of Students:**

Year	% of students from the same state	% of students from other States	% of students from abroad
2010-2011	100	Nil	Nil
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	1.45	Nil
2015-2016	98.59	1.19	0.22

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
2011-2012	98.21	1.79	0.00
2012-2013	100.00	0.00	0.00
2013-2014	98.41	0.00	1.59
2014-2015	96.97	0.00	3.03
2015-2016	96.97	3.03	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
2011-12	69
2012-13	63
2013-14	128
2014-15	172
2015-16	164

- In the academic year 2014-15, CYTEL Software Ltd. Company under their Corporate Social Responsibility (CSR) Scheme has given the financial assistance worth Rs.1,70,560/- to 20 students of UG and PG classes.
- In the academic year 2015-16, CYTEL Software Ltd. Company under their Corporate Social Responsibility (CSR) Scheme has given the financial assistance worth Rs.1,82,000/- to 24 students of UG and PG classes.

### 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 SPPU, 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.

#### **Department of Statistics**

Department of Statistics organized the several academic activities during the academic year 2015-16.

#### 1. Academic Activities and Achievements of Students:

A) Quiz: F.Y. B.Sc., F.Y. B.Sc. (Computer Science) and S. Y. B.Sc. Quiz first round was organized on

28th January 2015. Result of the Quiz was as follows:

Class	Name of the Toppers	Rank
F.Y. B.Sc.	1.Mr. Mukund N. Shelake	First rank
F.Y.B.Sc. (Comp. Science)	1. Mr. Soham Chakraborty	First rank
S.Y. B.Sc.	1. Ms. Heena A. Shaikh 2.Ms. Mrunali S. Kumbhar 3.Ms.Suvarna S. Gandekar	Selected for the Final round.

#### B) Glorious Achievements of Past students:

Our past student Mr. Potanis C.E. (CEO, Nitor Infotech Company) published a book "Road to true success" on 13th March 2016.

#### C) Participation of Students:

- i. Twenty three students from our department attended seminar on "Programming Careers in India as well as abroad" on 16<sup>th</sup> January 2016 at Cytel Software Company, Pune.
- ii. Sixteen students from M.Sc. Statistics attended pre-conference of an International workshop at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune -16. On 19<sup>th</sup> December 2015. The international conference was conducted at YASHADA, in which Modern college was the joint-host.
- iii. Thirteen students from M.Sc. Statistics Part –II attended workshop on SET examination during14<sup>th</sup> March to 19<sup>th</sup> March 2016 at T.C. College, Baramati.

#### 2. Workshops Organized:

- **a)** Statistics Day was celebrated on 29<sup>th</sup> June 2016. Prof. Prabhu A. S. delivered a lecture on 'Statistics for business analysis'.
- **b)** Dr. P.V. Sukhatme's birth anniversary was celebrated on 28<sup>th</sup> July 2016. Dr. Sudhir Kulkarni guided students about conducting projects.
- c) Department organized one day **State level workshop on "Survival and Reliability Analysis"** on **9th** January 2016. 127 students from various colleges from all over Maharashtra participated.
  - The workshop was inagurated at the hands of Dr. Vijay Narkhede, Dy. Director, Higher Education, Pune; Dr. D. D. Hangal Head, Department of Statistics, Savitribai Phule Pune University was the Chief guests. Principal Dr Zunjarrao gave the welcome address, Prof. P. G.Dixit, Coordinator of the workshop gave the brief outline about the workshop. Prof. P. S. Kapre expressed the vote of thanks. Dr. Manisha Sane compered the programme.
- **d) S.Y. B.Sc. Quiz Final Round:** Department has organized S. Y. B. Sc. (Statistics) Quiz final round on 13<sup>th</sup> February, 2016 on behalf of Pune University Statistics Association (PUSA). It was sponsored by Board of Student welfare, Savitribai Phule Pune University. There were 60 students from various colleges of Pune University, 29 teacher participants including judges. Following events were included in the final round:

Sr. No.	Competition	Topics
1	Essay writing	Clean India movement
2	Group discussion	1) Metro in city required? 2) On line shopping – useful or not? 3) Statistics: Use and Misuse 4) Use of What's app 5) Are Road Tolls to be exempted?
3	Presentation	Various topics based on statistical analysis.
4	Case Studies	Real life situations where statistical methods are to be apllied.
5	Elocution	Elections in colleges.

#### 3. Guest Lectures Organized:

Sr. No.	Date	Name of the Guest	Topic
1.	29/06/2015	Prof. A.S. Prabhu( Former professor of Fergusson College, Pune)	Statistics for Business Analysis

2.	28/07/2015	Dr. Sudhir Kulkarni	Projects based on statistical analysis.
3.	23/12/2015	Ms. Deepti Pujari, Mr. Akash Rughani (Finstat Academy)	Business analyst- a sprofession.
4.	30/12/2015	Dr. J.V. Deshpande( Former Head, Department Statistics, University of Pune)	Kaplan – Meier estimator.
5.	13/02/2016	Dr. L. B. Thakur Former professor and Head of Statistics Department (Dr. B.R. Ambedkar Marathwada University, Aurangabad)	Statistics applied in various field.
6.	23/02/2016	Dr. M. N. Deshpande( Former Head, Department of Statistics, Institute of Science, Nagpur)	Interesting problems in Probability.

#### 4. Campus Interviews and placements:

Four studnts of M.Sc. Part II were placed in CYTEL, Software Company Limited, Pune.

#### 5. Workshops, Seminars Participation and worked as resource person:

#### A) Prof. P. G. Dixit

- i. Delivered lecture at NSSO, on Health Statistics on Statistics Day (29th June, 2015).
- ii. Attended Workshop on syllabus revision of T.Y. B.Sc.Semester III at S.P. College on 14<sup>th</sup> August 2015.
- iii. Worked as a resource person at National conference at Balwant College Vita, on 25<sup>th</sup> and 26<sup>th</sup> September 2015.
- iv. Worked as a resource person at Sangameshwar College, Solapur on 10<sup>th</sup> October 2015. Topic was Research methodology.
- v. Attended workshop on syllabus revision of T.Y. B.Sc.Semester IV at S.P. College, on 11<sup>th</sup> December 2015.
- vi. Conducted pre conference of international workshop at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune -16, on 19<sup>th</sup> December 2015.
- vii. Delivered a lecture on Academic appraisal and performance analysis at Modern Law College, Ganeshkhind, Pune, on 18th March 2016.
- viii. Delivered a lecture on Biostatistics for students of Life Sciences, at Modern College of Arts, Science and Commerce, Ganeshkhind, Pune, under the DBT scheme.
- ix. Delivered a lecture on Forcasting Techniques at Bharati Vidyapeeth, Pune under Quality Improvement Programme on 30<sup>th</sup> March 2016.

#### B) Prof. P. S. Kapre

- i. Attended workshop for Nodal officers at Pune University on 6<sup>th</sup> August, 2015.
- ii. Attended Workshop on syllabus revision of T.Y. B.Sc.Semester III at S.P. College on 14<sup>th</sup> August 2015.
- iii. Attended workshop on syllabus revision of T.Y. B.Sc.Semester IV at S.P. College on 11<sup>th</sup> December 2015.
- iv. Attended seminar on "Programming carrers in India as wel as in abroad on 16<sup>th</sup> January 2016 at Cytel Software Company.

#### C) Dr. M. M. Sane:

- i. Worked as resource person in Biostatistics workshop conducted by Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow during 28/01/2016 to 31/01/2016.
- ii. Attended Workshop on syllabus revision of T.Y. B.Sc.Semester III at S.P. College on 14<sup>th</sup> August 2015.

#### D) Dr. A.T. Kamble

Gave an invited talk - IISA Conference Celebrating Statistical Innovation and Impact in a World of Big and Small Data. Department of Statistics, Savitribai Phule Pune University, December 20-24, 2015. (Bayesian estimation in shared Positive Stable Frailty models).

#### E) Prof. Mayura Kanade

Attended seminar on "Programming Careers in India as well as abroad" on 16<sup>th</sup> January 2016 at Cytel software Company.

#### 6. Achievements and Publications.

- 1. Prof. Asmita Kamble is completed Ph.D. and awarded Doctorate by Savitirbai Phule Pune University.
- 2. Dr. Asmita Kamble published four papers and submitted one paper.
  - i. Bayesian estimation in Shared inverse Gaussian frailty models. International Journal of Statistics, 1, 9-20 (2014).
  - ii. Bayesian Estimation in Shared Gamma Frailty Models. International Journal of Statistics and Reliability Engineering, 1(2), 88-112. (2014).
  - iii. Bayesian estimation in Shared compound Poisson frailty models. (International Journal of Reliability and Statistical Studies, 8(1), 159-180 (2015).
  - iv. Bayesian estimation in Shared compound Negative Binomial frailty models. (International Journal of Multivariate Data Analysis).
  - v. Bayesian estimation in shared Positive Stable frailty models. (Submitted).
- 3. Prof. P.S. Kapre received Best Teacher award from Progressive Education Society on the occasion of Late Shree Shankarao Kanitkar Day.

#### 7. Industry Academia program:

- 1. The department conducted training program on SAS software with the help of Data Science Lab Software Services, Pune. All M. Sc. II students participated. It enhanced the employability of the students.
- 2. Mr. Kotkar M.S. from CYTEL Software Services, Pune taught the course "Analysis of Clinical trials" to M. Sc. Students for four consecutive years.
- 3. Internship programme with National Sample Survey Organization (NSSO), Akurdi, Pune.

#### 8. Miscellaneous

- i. Prof. P.S.Kapre was appointed as Nodal officer of Modern college for all India survey on higher education by M.H.R.D.Govt. of India. He submitted DCF II form of Modern College, Shivajinagar, Pune -05for the years 2013-14 and 2015-16 on AISHE portal. He also submitted information of the college on NIRF Govt. of India on 22<sup>nd</sup> January, 2016.
- ii. Prof. P. G. Dixit worked as, Chairman of Gymkhana Committee.
- iii. Dr. Manisha Sane worked as : Coordinator for Annual Prize Distribution Committee (Academic), Advisor Science Association committee, Chairperson of Result Analysis Committee
- iv. Prof. R.M. Umrani worked as co ordinator for S.Y. B.Sc. Intercollagiate Quiz programme...
- v. Prof. Asmita Kamble worked as, member of Science Association.

#### **Scholarship:**

Cytel software sponsored scholarship of Rs. 1, 82,000/- under corporate Social Responsibility (CSR) scheme to 24 students.

**Prof.P.G.Dixit** Vice-Principal and Head

### **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 with Choice based credit system

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	01	01
Asst. Professors	08	08

# 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	Students
Dr. H.V.Ghate (Up to 2012)	M.Sc., Ph.D.	Ex-Head of the department	Developmental Biology	33	5
Dr. A.M.Bhalerao (Up to 2014)	M.Sc., Ph.D.	Ex-Head of the department	Entomology	32	-
Prof. Narendra Madhukar Naidu	M.Sc. M. Phil.	Associate Professor	Developmental Biology	29	-
Prof. Bharat Thalu Kalbage	M.Sc.	Assistant Professor	Cell Biology	19	-
Dr. Yugandhar Satish Shinde	M.Sc. Ph.D.	Assistant Professor	Developmental Biology & Entomology	3	-
Dr. Pappu Sawleram Kudnar	M.Sc. Ph.D.	Assistant Professor	Entomology	3	-
Dr. Ananda A Babrekar	M.Sc. Ph.D.	Assistant Professor	Entomology	3	-
Prof. Netra D. Kulkarni	M.Sc., SET.	Assistant Professor	Zoology	3	
Prof. Pallavi K. Shewale	M.Sc.	Assistant Professor	Zoology	1	-
Prof. Anushree Karmarkar	M.Sc.	Assistant Professor	Zoology	1	-
Dr. Shubhangi S Puranik	M.Sc., Ph.D.	Assistant Professor	Zoology	1	

#### 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,SPPU.

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

- Dr. H. V. Ghate has guided a Woman Scientist (Mrs. Gauri Sathye) working on project specially designed for women by Department of Science and Technology. (WSO-B of DST: 2011-2013)
- Dr. H. V. Ghate also guided a Post-Doctoral fellow (Dr. Sanket Tembe) working on DNA Barcoding of bugs. His work is funded by Department of Biotechnology(DBT Post-Doc 2011-2013)

#### 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 SPPU. It has a recognized centre for research in Zoology and has obtained continuation of affiliation and recognition up to 2018-2019.

# 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.):

		Papers	s		Books		ions	ıctor	u	
Name of the faculty	International	National	Presented in Conference	International	National/ Local	Book chapter	Total publications	Total impact factor	Total citation	h-Index
Dr. Hemant Ghate	15	27	-	-	-	1	43	-	607	14
Prof.Narendra Madhukar Naidu		1	-	ı	-	ı	ı	ı	-	1
Dr. Yugandhar Satish Shinde	2	-	1	-	-	-	3	-	3	1
Dr. Pappu Sawleram Kudnar	-	-	2	-	-	-	2	-	-	-

#### 20. Areas of consultancy and income generated:

- o Taxonomy and Biodiversity (Dr.H.V.Ghate and Dr.A.M.Bhalerao)
- o Maharashtra Pollution Control Board (Dr.A.M.Bhalerao)
- o Vermitechnology and Waste management (Mr.Narendra M.Naidu).

Currently, it is a non-remunerative consultancy.

#### 21. Faculty as members in

- a) National committees: Nil
- b) International Committees: 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.
- Dr. Yugandhar S.Shinde- Reviewer- Zootaxa.

#### 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
- 'Sarpmitra' Award by Herpatological Society of India in 2015

#### Awards by the students

- Manali Gudmeti of T.Y.B.Sc. was the topper in T.Y.B.Sc. Zoology for the year 2011-12. She bagged the Prof. Mora Teja Chauhan Prize.
- Manali Dani scored the highest Principal Total and Pallavi Dorge scored the highest Grand total in the T.Y.BSc. Zoology batch, of the year 2014-15.

#### 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)
- Christopher Thorp-Dixon, University of Plymouth, UK (April 2012, July 2014)
- Dr. Kailash Chandra, Zoological Survey of India, India (Oct. 2012)
- Dr. Bulganin Mitra, Zoological Survey of India, India (Nov. 2012)
- Ms. Sohini Vanjari, Cambridge University, UK(Feb. 2014)
- Stuart Roberts, Rreading University, UK(Feb. 2014)
- Lewis Davies, University of Plymouth, UK ( July 2014)
- Jane Akernan, University of Plymouth, UK (July 2014)
- Todd Lewis, University of London, UK (July 2014)
- Dr. Ramesh R. Bhonde, Manipal University, Karnataka (Jan. 2014)
- Kiran Puandare, KIKA, (Sept ,2014, Feb,2015)
- Sandeep Gaikwad, Pune (Jan, 2015)
- Yu- Lun Wang, National Tsing Hua University, Taiwan (Jan, 2015)
- Cheng-Yao Lo, National Tsing Hua University, Taiwan (Jan, 2015)
- Dr. Rajendra Singh, Tarun Bharat Sangh, Rajasthan, India(Feb, 2015)
- Deepak Modak, Chief Engineer (Rtd.) Koyana Dam, Pune (Feb,2015)
- Dr. Neelesh Dahanukar, IISER, Pune, India(Feb, 2015)
- Nikhil Modak, MES Garware College, Pune, India(Feb, 2015)
- Dr. Satish Pande, Ela Foundation, Pune, India (Feb, 2015)
- Anirudh Chaoji, Pugmark, Pune (Feb, 2015)
- Dr. Anand Padhye, MES Garware College, Pune, India(Feb,2015)
- Prof. Venkat Gunale, Savitribai Phule Pune University, Pune (Feb, 2015)
- Dr. Pradnya Kanekar, Pune, (Feb, 2015)
- Dr. Erach Barucha, BVIEER, Pune (Feb, 2015)

- Dr. Ganesh Margaj, Sawantwadi, India (Feb, 2015)
- Dr. B. B. Nath, Savitribai Phule Pune University, Pune (Feb, 2015)
- Dr. R. M. Sharma, Ex- Director, ZSI, India (Feb, 2015)
- Dr. Samit Mehata, Yale University, USA.
- Dr. Rahul Mungikar, Maharashtra State Biodiversity Board
- Dr. Leena Thorat SPPU Pune
- Dr. Sagar Pandit, Max Plank Institute Jena, Germany.
- Dr. Somwanshi, Ahmednagar College Ahmednagar.
- Dr. Kishori Dhumal, R. Y. K. Nashik.
- Dr. Dharav Shah, Mumbai.
- Dr. Abhijit Safai, Symbiosis Pune.

#### 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 SPPU, Pune.

c. State: 01

State level Seminar on 6<sup>th</sup>and 7<sup>th</sup>February 2015, on: 'Freshwater Ecosystems of Maharashtra: Their Biota, Ecology and Health'. The Waterman of India Dr. Rajendra Singhji was Chief Speaker for the Inaugural Function. Eighteen resource persons from various fields were invited for the seminar. Source of funding: BCUD-Savitribai Phule Pune University, Pune-7.

#### 26. Student profile programme/course wise:

B.Sc.

Name of the Course/	Applications		Enrolled			
programme:	received	Selected	M	F	Pass %	
2010-2011	297	163	50	113	81.81	
2011-2012	361	158	44	114	81.81	
2012-2013	326	156	42	114	80.00	
2013-2014	402	161	46	115	80.76	
2014-2015	396	167	63	104	86.66	
2015-2016	427	178	61	116	RA	

M.Sc.

Name of the Course/	Applications		Enro	olled	
programme:	received	Selected	M	F	Pass %
2015-2016	73	22	08	14	RA

#### 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
2011-2012	100	Nil	Nil
2012-2013	100	Nil	Nil
2013-2014	99.08	0.92	Nil
2014-2015	98.55	1.45	Nil
2015-2016	98.59	1.19	0.22

M.Sc.

Year	% of students from the same state	% of students from other States	-
2015-2016	100	Nil	Nil

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

#### 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	
<ul> <li>Campus selection</li> </ul>	-
<ul> <li>Other than campus Recruitment</li> </ul>	_
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
2011-12	67
2012-13	57
2013-14	123
2014-15	162

# 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.

#### Lecture series under UGC- CPE scheme

Sr. No.	Date	Resource Person	Topic of Lecture
1	08/02/2014	Mrs. Manju Tadwalkar, CEO ,INORA, Pune	Waste to wealth
2	12/02/2014	Dr.Donald Paise, Asst.Dev .Officer, CBRTI Pune	Importance of Apiculture
3	14/02/2014	Dr. R. L. Palimkar, Govt. Central Hatchery, Pune	Business opportunities in Poultry Science
4	15/02/2014	Dr. Nitinkumar Ranshur (Associate Professor) College of Agriculture, Pune	Importance of Physicochemical testing of soil.
5	17/02/2014 04/03/2014	Dr.H.V.Ghate (retd.Associate Professor)	Important aspects of Evolution Microtechnique-Dos and Donts
6	04/03/2014	Dr.Manisha Modak (Associate Professor), S.P.College,Pune	Recent trends in Molecular Biology
7	06/03/2014	Dr.S.J.Thatte (retd.Associate Professor)	A few interesting facts in Mammalian physiology

#### **Activities carried out under DBT-STAR College Scheme:**

#### **Lecture series under DBT-STAR college**

Sr.No.	Date	Resource Person	Topic
1.	15/07/2013	Dr. Abhijeet A. Safai	Clinical Endocrinology
2.	30/07/2013	Dr. A. A. Babrekar	Cytogenetics
3.	10/08/2013	Mr. Sachin Ranade	Vulture conservation
4.	05/09/2013	Ms. Sohini Vanjari	Conservation genetics of butterflies
5.	13/12/2013	Ms. A. Pradhan	Career opportunities in Hospital Management
6.	28/12/2013	Dr. S. M. Ghaskadbi	Developmental mechanism underlying evolution of body plan in animals
7.	09/01/2014	Dr. R. R. Bhonde	Magic of Stem Cells
8.	01/02/2014	Dr. Kamalesh Chavan	Snakes and Tips for Jungle Trail (Talk on field at Dhamapur Jungle)
9.	12/02/2014	Dr. Bhuvanesh Awasthi	Neurobiology and Epigenetics

#### **Quiz Contests:**

In the month of December 2013 and December 2014 quiz named **ZooQuiz**, based on undergraduate Zoology syllabus was conducted. A written quiz was held for elimination and then the Team event was conducted.

#### **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, Savitribai Phule Pune University, for the last three years in two batches.

Dr.B.B.Nath, Professor and Head of the Department of Zoology, Savitribai Phule 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, Savitribai Phule 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):

• Prof. Rahul Gaikwad participated in "Avishkar" competition, Savitribai Phule Pune University. He was selected for the Final round at Jalgaon.

- Dr. P. S. Kudnar presented a research paper entitled "Study of nutritional potential of zooplankton Moina macracopa" at the State level seminar held on 27th -28th Dec.2013 at New Arts, Commerce and Science College, Shevgaon.
- Dr. Y. S. Shinde presented a paper at "International Conference on Biosciences with Special Reference to Environmental Issues" (ICBEI-2013) Department of Zoology, Shivaji University, Kolhapur (MS) India (December, 19-21, 2013)
- 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.
- Dr. Y. S. Shinde has submitted minor research project to BCUD, Savitribai Phule Pune University
- Prof. B.T. Kalbage registered for Ph.D. under Savitribai Phule 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.
- Pallavi Shewale was the topper in the T.Y.BSc.Zoology batch of the year 2012-13. She bagged the Prof. Mora Teja Chauhan Prize.
- 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 Savitribai Phule 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 SPPU, 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 Activities:**

# **Educational visits/study tours**

Our students of S.Y.B.Sc. 'B' have a course in Applied Zoology. To make them understand the theory better a couple of educational visits were arranged by the department. Their first visit was to Entomology Division of the College of Agriculture, Pune. Students were shown the museum collection of insect specimens, charts, models and equipment used in Agricultural Pest Control. Prof.B.T.Kalbage and Ms.Pallavi Shewale accompanied the students.

In the second term, students of S.Y.B.Sc. 'B' visited the Central Bee Research and Training Institute (CBRTI), Pune. In addition to the permanent museum, they were shown demonstrations in bee keeping and handling of bee colonies. Prof.B.T.Kalbage and Dr. P.S.Kudnar accompanied the students.

Excursion tour to the sea coast to study the marine fauna is a unique experience. T.Y.B.Sc. Zoology students had a Study tour to Devgad, Ratnagiri, Dapoli and Harne sea coast in January 2016. In addition to the actual field study on the sea-shores, they also visited fishing areas, fish market area, museums and institutes of academic interest. Prof.B.T.Kalbage and Dr.Y.S.Shinde organized the tour and escorted the students. Laboratory attendant Mr.Gopal Daundkar also accompanied the group. Prof.Nagesh Daftardar from Devgad guided the group and provided valuable information about the local flora and fauna, during their field trip to Devgad sea coast.

# **Special Visits**

T.Y.B.Sc. Zoology students visited <u>Ross Life Science Pvt. Ltd. in Bhosari</u> to gain insights about rearing of insects and also the applications in insecticide and deterent/repellent testing. It was fascinating to observe the life cycle of mosquitoes, cockroaches and house flies. Mr.Girsh Dhekane (ex-students) of Ross Life Science Pvt. Ltd. coordinated this activity.

Later in the afternoon they visited Uttara School of Environment at a small village Waksai, near Lonavla. Herpetologist Shri. Neelimkumar Khaire has created this innovative centre. All sorts of waste material especially made up of plastic, is re-used or recycled here. Innumerable useful articles have been prepared from waste and have been displayed. Volunteers regularly spread this message to nearby schools and citizens and also to the visitors. Mr.Narendra Naidu, Ms.Pallavi Shewale and Laboratory assistant Mr.Umesh Gore accompanied the students.

# Activities under DBT Star College Scheme, New Delhi

#### **Special Workshop on Microscopy**

Two day workshop on Microscopy in collaboration with the Department of Zoology, Savitribai Phule Pune University has now become a regular feature of our department. The first batch was conducted on 30th and 31st January 2016 and consisted of 32 students from F.Y.B.Sc. 'B' and S.Y.B.Sc. 'B'. The second batch was conducted on 20th and 21st February 2016 and consisted of 33 students from F.Y.B.Sc. 'B' and S.Y.B.Sc. 'B'.

Dr.B.B.Nath,Professor in Zoology, Department of Zoology, Savitribai Phule Pune University, conducted the major sessions. His lucid explanation and practical tips aroused interest and enthusiasm amongst the participants. He made the students understand the basics of Microscopy right from a simple microscope to the electron microscope. Dr.Leena Thorat from Dr.Nath's Savitribai Phule Pune University laboratory conducted a few lectures and hands-on-training sessions. Few sessions were conducted at the Department of Zoology, Savitribai Phule Pune University .Dr. P.S.Kudnar was the Coordinator for this special workshop.

# **ZooQuiz Contest-**

#### 180 Modern College, Pune - 5.

The ZooQuiz contest based on the regular syllabus of the under graduate students, was conducted in December 2015. 500 students participated in the written elimination round. Top 20 students were selected for final round.

#### Teams-

# Winner Team -Campbell

Mayor Mhaske Rashmi Bhosale Pradnya Lad Priya Thathachriar

# Runner up Team-D arwin

Gayatri Shinde Salonee Martins Uma Sawant Atharva Takale

## Third Position- Mendel team

Sweety Shinde Dnyaneshwari Gandekar Vaishnavi Risbud Shivani Chaturvedi

#### ZooVision-

The exhibition cum competition of posters and models was conducted in January 2016. Nearly 100 students participated

# First Prize-Junior Wing

Sweta Wankhede Nikita Teke Kajal Karkare

# First Prize-Senior Wing

Salonee Martins
Rashmi Bhosale
Devashri Sonar
Prachita Pillay
V. Preethi
Arti Bhope
Shubham Shendage
Vaishnavi Uchgaonkar
(all from S.Y.B.Sc. class)

# Second Prize-Senior Wing

Nikhil Joshi Swapnil Boyane Subodh Gaikwad (all from T.Y.B.Sc. class)

# Third Prize-Senior Wing

Pinak Joshi S.Y.B.Sc.

#### Third Prize-Senior Wing

Pradnya Kadam F.Y.B.Sc. Uma Sawant F.Y.B.Sc.

# **Third Prize-Senior Wing**

Priyanka Missal Mayuri Thigale Vrushali Sonawane Kumari Arti (all from S.Y.B.Sc. class)

Prof .Dr.Sushama Thatte was the judge for this competition.

#### Lecture Series-

The name of the speaker, the topic and the date are as follows:

- Ms.Anjali Pawar on 'Child Abuse' on 24th July 2015
- Lokayat volunteers on 'Hiroshima and its aftermath' on 10th August 2015
- Dr.Leena Thorat on 'Career Opportunities in Life Sciences' and on 'English for Scientists' on 221nd August 2015
- Dr.Kalpana Pai on 'Leishmaniasis' on 15th September 2015
- Dr.Dharav Shah on 'Ill effects of Alcohol and Nicotine Addiction' on 12th October 2015
- Dr.Sagar Pandit
- Dr.Anilkumar Khaire on 'Ex-situ Conservation of Animals' on 17th December 2015.
- Dr.Abhijeet Safai on 'Clinical Endorinology' on 18th December 2015
- Mr.Pankaj Seksaria on 'Andaman Island Story' on 23<sup>rd</sup> December 2015
- Dr.Sameet Mehta
- Lokayat volunteers on 'Traffic problems and other environmental issues in Pune city' under Vasundhara Film Festival

#### **Information about Teachers:**

#### Dr.H.V.Ghate

# **Research Publications (National Journal)**

Paripatyadar, S., S. Riphung and **H.V. Ghate** (2015). First report of the female of an aquatic bug *Cheirochela assamensis* Hope, 1841 (Hemiptera: Heteroptera: Naucoridae) from Northeast India. *Journal of Threatened Taxa*, 7(1): 6815–6820.

Paripatyadar, S., S. Gaikwad and **H.V. Ghate** (2016). Authentic report of *Ceresium leucosticticum* White (Coleoptera: Cerambycidae: Callidiopsini) from Pune and Satara in Maharashtra State. *BugsRAll Newsletter of the Invertebrate Conservation & Information Network of South Asia 22 May 2016 Issue.* 

Padhye, S.M. and **H.V. Ghate** (2015). Morphological Reassessment of *Triops cancriformis* Bosc (Crustacea: Branchiopoda: Notostraca) Population from Kashmir, India with Comments on the Distribution of the Species in India. *Proceedings of The Zoological Society*, DOI 10.1007/s12595-015-0137-8.

Kulkarni, M.R., Sameer Padhye, A. I. Vanjare, S. S. Jakhalekar, Yugandhar Satish Shinde, S. V. Paripatyadar6, S. D. Sheth, Siddharth Kulkarni8, S. K. Phuge, Kalyani Bhakare, A. S. Kulkarni, Kalpana Pai and **Hemant V. Ghate** (2015). Documenting the Fauna of a Small Temporary Pond from Pune, India. *Journal of Threatened Taxa*.7(6):7196-7210

Bharathimeena, T., **H. V. Ghate** and Jaisankar, I. (2015). Rediscovery of *Cylindrepomus filiformis* Breuning, 1938 (Cerambycidae: Lamiinae: Dorcaschematini) from Andamans, India. *ENTOMON* 39(4): 171-182 (2014...published in 2015)

Paripatyadar, S., S. Gaikwad and H.V. Ghate (2016). Authentic report of *Ceresium leucosticticum* White (Coleoptera: Cerambycidae: Callidiopsini) from Pune and Satara in Maharashtra State. *BugsRAll Newsletter of the Invertebrate Conservation & Information Network of South Asia 22 May 2016 Issue.* 

# **Research Publications (International Journal)**

COCQUEMPOT, C., Alain DRUMONT, Dimitri BROSENS & **Hemant V. GHATE** (2015). First interception of a cerambycid beetle *Stromatium longicorne* (Newman, 1842) in Belgium and distribution notes on

other species of *Stromatium* (Coleoptera, Cerambycidae, Cerambycinae). *Bulletin de la Société royale belge d'Entomologie/Bulletin van de Koninklijke Belgische Vereniging voor Entomologie,* 150 (2014): 201-206

Padhye, S. and **H.V. Ghate** (2015). Authentic record of the palaeomonid shrimp *Macrobrachium scabriculum* (Heller, 1862) from Maharashtra, India. *Crustaceana* 88 (9): 1049-1054

Kulkarni S, **Ghate H** (2016) First record of the thread-legged assassin bug *Myiophanes greeni* Distant, 1903 (Heteroptera: Reduviidae: Emesinae) from India. Biodiversity Data Journal 4: e7949. doi: 10.3897/BDJ.4.e7949

# Mr.Narendra M. Naidu

- Was invited to deliver a Motivational talk for the students of Std X and also on another day to address the NIOS students, in July 2015 at St.Ursula HighSchool, Akurdi.
- Was invited as a Chief Guest for the Inauguration of 'Nature Club' at Genba Sopanrao Moze College, Yeravada, in August 2015.
- Was invited as a Resource Person at ACS College, Lasalgaon, in January 2016 to deliver a series of lectures on 'Developmental Biology' for students and staff.
- Organized a trip to Anandwan, Hemalkasa and Somnath in January 2016. The group consisted
  of NSS volunteers, students of S.Y.B.Sc.'B', a few ex-students and NSS programme officers of
  Junior wing.
- Was a Resource person in the 'Ornithology' Course conducted by ILA Foundation and Abasaheb Garware College, Pune.
- Worked as the Assistant Coordinator for the 'Centre for Innovations in Teaching, Learning and Evaluation' recently established by our college and actively participated in programmes and workshops organized by this centre.
- Conducted a session on 'Animal diversity' and 'Blood groups' in a Children's camp organized by Prarthana Samaj, Pune, in May 2016.

# Prof.B.T.Kalbage

- Attended a workshop on 30<sup>th</sup> March 2016, on 'Biodiversity laws' at Savitribai Phule Pune University, organized by Maharashtra State Biodiversity Board.
- Coordinator for the M.Sc. Zoology teaching programme

#### Dr.P.S.Kudnar

- Completed the UGC-Orientation course conducted by Academic Staff College, Savitribai Phule Pune University in October 2015.
- Attended an International seminar on 'Mind education' in October 2015.

#### Dr.Y.S.Shinde

- BCUD project-Taxonomy and distribution of Ostracoda (Crustacea) of phytotelmata from Western Maharashtra. (2014-16) Rs. 2.2L
- Publication:
  - Kulkarni, M.R., S. Padhye, A.I. Vanjare, S.S. Jakhalekar, **Y.S. Shinde**, S.V. Paripatyadar, S.D. Sheth, S. Kulkarni, S.K. Phuge, K. Bhakare, A.S. Kulkarni, K. Pai & H.V. Ghate (2015). Documenting the fauna of a small temporary pond from Pune, Maharashtra, India. Journal of Threatened Taxa 7(6): 7196–7210; <a href="http://dx.doi.org/10.11609/JoTT.o4190.7196-210">http://dx.doi.org/10.11609/JoTT.o4190.7196-210</a>

# Dr. (Mrs.) Shubhangi S. Puranik

- Appointed as a faculty member for M.Sc.Zoology teaching programme
- Published Paper titled "Effect of organically grown *Cinnamomum verum* on leukemic & MCF7 cell lines" in International Journal of Scientific Progress and Research, February 2016.
- Worked as Student Welfare Officer and coordinated seminars and workshops funded by SPPU.
- Acted as coordinator for implementing Earn and Learn Scheme for students.
- Worked as a examiner for evaluation of the thesis for Degree of Philosophy

- Worked as a guide for Ph.D. student.
- Worked for project evaluation of B.Sc. Biotech (Agriculture), M.Sc. Biotechnology students.
- Worked as a coordinator for certificate course "Animal Tissue Culture" in the department of Biotecnology.
- Coordinated with Rotary Club for installation of Rotract Club at College and for conducting different programs under Rotary Youth Leadership Award (RYLA).

#### Ms.Netra D.Kulkarni

Appointed as a faculty member for M.Sc.Zoology teaching programme

**Dr.Ananda A. Babrekar , Ms.Pallavi K.Shewale and Ms.Anushree Karmarkar** were appointed as temporary teaching faculty for the undergraduate courses in Zoology.

# Mrs.Chabukswar Vaishali V

- Appointed as Moderator for H.S.C. Board Exam for Biology (Section II)
- Worked as Zoology In-charge for Junior college for the academic year

#### Mrs.Ashwini Deshkar

- Was invited as a resource person for guiding students of Std XII at Rani Laxmibai Sainik School
- In-charge for conducting the NSO Exam
- Member of the Winning team of Throw Ball and Dodge Ball in Kanitkar Sports Compettion

#### Mrs. Renu Bhalerao

- Worked as a resource person for a workshop conducted by MKCL for students
- Involved in planning and execution of 'Kala Saptah' activities and was In-charge for the Singing Competition
- Anchor during the Inaugural programme of 'Community Colllege', in presence of MLA Mr.Anantrao Gadgil
- Anchor for ZooQuiz 2015
- Attended workshop on 'Omkar Sadhana'

#### Mrs. Chabukswar, Mrs.Bhalerao and Mrs.Ashwini Deshkar

- Conducted 'CET' based MCQ tests for Std XII
- Worked as resource persons for the Add-on-course 'Integrated Vermitechnology Training Course', conducted by our department
- Guided students fos ZooVision 2015
- Member of Organizing team for ZooQuiz2015

#### Mr.Umesh Gore

Our laboratory assistant Mr.Umesh Gore completed the course on 'Modi Script' and passed the exam conducted by the Government of Maharashtra.

All members of the teaching and non-teaching staff worked in various committees for the **International Conference** on 'Innovations in Teaching, Learning and Evaluation in Higher Education' organized by our college in January 2016, under the Centre for Innovations in Teaching, Learning and Evaluation. The non-teaching staff whole heartedly lent their assistance. Students of M.Sc. Zoology (Part I) were actively involved in the entire activity. Mr.Narendra M.Naidu worked as the Joint-Organizing Secretary.

#### **Current activities of the Post-Graduate Research Centre**

#### **Revival of the Post Graduate Teaching**

After a long gap of nine years the Post Graduate teaching was revived. Twenty students confirmed their admission for M.Sc.Zoology –I this year.

Dr.Shubhangi Puranik and Ms.Netra Kulkarni were specially appointed for PG teaching. Prof.B.T.Kalbage was appointed as the Coordinator for this programme. All UG staff also

contributed to the PG teaching and practical sessions.

Prof.Dipali Lodh,Prof.Waldhe,Prof.Sangita Sarma, Mr.Hrishikesh Joshi and Dr.H.V.Ghate were Contributory teachers.

In addition to the regular teaching guest speakers were invited for the benefit of the PG students. These included Dr. Somvanshi, Dr.Kishori Dhumal, Dr.B.B.Nath, Dr.Leena Thorat, Dr.Rajesh Sharma, Mr.Shasrabuddhe and Dr.S.J.Thatte.

An educational tour was specially arranged for the PG students to Hyderabad. The students visited Bioserve Biotehnologies (India) Pvt. Ltd. which focuses on Cancer Genetics, Centre for Cellular and Molecular Biolgy (CCMB), Centre for DNA Fingerprinting and Diagnostics(CDFD), Nehru Safari and Laboratory for Conservation of Endangered Species (LaCONES) .It was a very enriching experience as the students got an exposure to the advanced techniques used in Life Sciences and Biotechnology today.

Dr.Mandar Kulkarni (BioServe), an ex-student of our department took initiative and whole-heartedly helped us in organizing this educational tour and also to make it academically fruitful. Mr.Narendra Naidu and Dr.Shubhangi Puranik escorted the M.Sc. Zoology students.

#### Research

Mention PhD Interview details and Course work

# **Integrated Vermitechnology Training Course:**

Our department in collaboration with Institute of Natural Organic Agriculture (INORA) this Addon Course this year too. One batch of 18 students completed the training course. The course was held from October 2015 to March 2016.

Field visit was one of the main components of this course. The main site was the INORA project at Daravali. In addition the participants were taken to individual bungalows, Vermicompost unit at IISER and the INORA office at Bavdhan . This gave the participants an idea about practical wastemanagement.

#### Alumni activities

An Alumni meet was organized on 26thApril 2015 at the department. The initiative was taken by the 2014 batch along with an ex-student Mr.Swapnil Jagtap (2004 batch). Ex-students from various batches had turned up.

Our past students Mr.Girish Dhekane and Mr.Rahul Marathe (ROSS Life Sciences) and Dr.Mandar Kulkarni were instrumental in organizing educational visits for our students.

#### Parents'Meet

For the first time in the department of Zoology a Parents' Meet of the students of T.Y.B.Sc. Zoology ,with the teaching and non-teaching staff. Principal Dr.R.S.Zunjarrao and the Head Mr.Narendra Naidu addressed the parents in presence of their children.

Later Dr.Yugandhar Shinde gave a presentation on 'Career opportunities in Zoology'. Prof.B.T.Kalbage and Dr.P.S.Kudnar shared information about the departmental activities with the help of a slide show.

This was followed by an informal interaction. The parents gave a positive feedback about this activity.

# **Achievement of Students**

Pinak Joshi, Anushree Bhattacharya and Sudhanshu raj participated in'Zoo-fest', organized by Abeda Inamdar College, Pune.

Aniket Phadtare T.Y.BSc. was the topper in T.Y.B.Sc. Zoology for the year 2014-15. He bagged the Prof. Mora Teja Chauhan Prize.

Aniket Phadtare and Poonam Lonkar secured admission for M.Sc. Zoology at the Savitribai Phule Pune University. Aboli Avhad, Sonali Naidu, Neeraja Dhole, Shweta Rahane, Pratik Pansare, Balasaheb Sarode and Varada Kulkarni secured admission for M.Sc. Zoology at Modern College, Pune-5. Pallavi Deokar and Shamal Mhaske sought admission at Ahmednagar College, Ahmednagar.Rashmi Mundada opted for Masters in Health Sciences, SPPU and Neha Gaikwad sought admission for M.Sc. in Bioinformatics at SPPU.

# Library

Our library added **3415** books in the library during 1<sup>st</sup> April 2015 to 31<sup>st</sup> March 2016. Now there are **99547** books in the library.

**3415** books were added under following sections:

1. Jr. Wing - 110 2. Sr. Wing- 1393 3. Non-Grant- 586 4. BBA/BCA- 1067

5. Donation- 259

We are grateful for the donation of books received from:

Sr. No.	Name
1.	Dr. G. R. Ekbote
2.	Prof. Shamkant Deshmukh
3.	Dr. Vijay Kuvalekar
4.	Prof. Narendra Naidu
5.	Dr. D. Punde
6.	Dr. Piyushkumar Phuja

Total 122 books were purchased under the research schemes of following staff members:

Sr. No.	Name	Department	Scheme	No. of books
1.	Dr. Zunjarrao R. S.	Botany	BCUD	2
2	Dr. Satam M. M.	Economics	BCUD	13
3	Dr. Shende A. H.	Economics	ICSSR	67
4	Dr. Gopale K. D.	Botany	DST	1
5	Dr. Oke A. S.	Psychology	ICSSR	3
6	Prof. Waman V. S.	Physics	BCUD	20
7	Prof. Patil S. S.	Physics	BCUD	16

We have 117 print journal & magazines in the library. We have subscribed 3 databases which include 482000 e-books and 22400 e-journals. They are:

- 1. INFLIBNET-NLIST
- 2. DELNET
- 3. British Library

We have Institutional membership of following libraries:

- 1. Jaykar Library, SPPU, Pune
- 2. Library of Gokhale Institute of Economics, Pune
- 3. Library of Deccan College, Pune

Conference papers, research articles, theses, dissertations of research scholars in the college and from outside are evaluated through "**Turnitin**" software which is an anti-plagiarism software prescribed by Savitribai Phule Pune University.

**Seven students** worked in the library under *Earn & Learn scheme* of Savitribai Phule Pune University.

**Eighty five students (**Arts:13, Commerce : 41 and Science: 31**)** availed the **Book Bank facility** from the library in the year 2015-16.

Selected books for girl students were kept in the **ladies room** of college, and books related to **competitive examinations** were kept in the separate classroom for students preparing for such examinations.

**Internet and Digital library** facility was provided for staff and students. General / Extra reading facility was provided on every Saturday except examination period.

# Following well-known academicians visited our library:-

Sr. No.	Name				
1.	Kyung Nam- Guest Lecturer, Philippines				
2.	Dr. Vandana Shelar, Librarian, Garware College, Pune				

Ī	3.	Kadam Rajendra Laxmanrao, DYSP, CID, Pune
ſ	4.	Ambegaonkar Smita, Deshmukh Uma, Aundhkar Vivek- Past Student

# **Library Activities during 2015-16**

- **1. Junior College Arts (History) students** visited library to know about encyclopedias and dictionaries and other reference books in the library.
- 2. Birth anniversary of Dr. Abdul Kalam (15 October 2015) was celebrated as "Vachan Prerana Diwas." Two book exhibitions were organized on this occasion:
  - 1. Sadhana Prakashan
  - 2. Ved Agency
- **3. Saraswati Pooja & Book Exhibition** of newly purchased books was organized on 21<sup>st</sup> October 2015. Informative lecture was given by Prof. Datre M. S. on "Library Facilities" for staff.
- **4.** Other library activities performed during 2014-15 are as follows:

Sr. No.	Activity Title	Activity Date
1.	14 hours reading (Dr.Ambedkar Jayanti)	13.04.2015
2.	Anti Terrorism Day	21.05.2015
3.	Sanvidhan Divas	26 .11.2015
4.	Sale of books withdrawn from library	14.03.2016
5.	Shahid Din	23.03.2016

**5.** Birth Anniversary of great national leaders and thinkers declared in Government of Maharashtra list was celebrated in the library as follows:

Sr. No.	Name of the leaders and thinkers	Date
1.	Mahatma Jyotirao Phule Jayanti	11 <sup>th</sup> April 2015
2.	Dr. Babasheb Ambedkar Jayanti	14th April 2015
3.	Basweshwar Maharaj Jayanti	2nd May 2014
4.	Maha Rana Pratap Jayanti	31st May 2014
5.	Shahu Maharaja Jayanti	26 <sup>th</sup> June 2015
6.	Vasantrao Naik Jayanti	1st July 2015
7.	Lokmanya Tilak Jayanti	23rd July 2015
8.	Shahir Annabhau Sathe Jayanti	1st August 2015
9.	Maharishi Valmiki Jayanti	8 <sup>th</sup> October 2015
10.	Vallabhbhai Patel Jayanti	31st October 2015
11.	Indira Gandhi Jayanti and National Integration Day	19th November 2015
12.	Jijau Maasaheb Jayanti and Swami Vivekananda Jayanti	12th January 2016
13.	Netaji Shubhashchandra Bose Jayanti	23rd January 2016
14.	Chhatrapati Shivaji Maharaj Jayanti	19th February 2016
15.	Yashwantrao Chavhan Jayanti	12 March 2016

Mrs.Madhuri S.Datre Librarian

# Department of Physical Education

# (Senior Wing)

Modern College of Arts, Science and Commerce achieved the prestigious "Best Sports College" award for the academic year 2015-16 and the 'Dr. Vasantrao Nivrutti Pawar trophy' from the Savitribai Phule Pune University in the Annual Sports Prize Distribution function of Savitribai Phule Pune University (SPPU) at the hands of the Hon. Vice-Chancellor Dr. Wasudeo Gade.

# Intercollegiate Participation

The department participated in 29 Sports i.e. Badminton, Chess, Cross Country, Shooting, Swimming, Ball Badminton, Baseball, Basketball, Cricket, Cycling, Wrestling, Kabaddi, Football, Handball, Volleyball, Hockey, Judo, Boxing, Softball, Pw Lifting, Best Physique, Athletics, Kho-Kho, Lawn Tennis, Table Tennis, Fencing, Water Polo, Kayaking and Netball Competitions. Similarly the college participated in various Invitational Intercollegiate Competitions.

# This year, the college secured:

**1**<sup>st</sup> **Place** in Cricket(W), Handball (W), Ball Badminton(W), Hockey (M), Volleyball(M), Netball (M) **2**<sup>nd</sup> **Place** in Handball (M), Basketball(W), Softball (M), Softball (W), Cross country(M), Ball Badminton (M), 4x400 relay(M)

3<sup>rd</sup> Place in Kho-Kho (M), and, Hockey (W), Kho-Kho (W) 4x400 relay(W), Baseball(M).

# **Details of the participation is as follows:**

Sr. No.	Level of Participation	Participation	Bronze	Silver	Gold	Medal Tally
1	District/Intercollegiate	296	51	62	70	183
	Intercollegiate (Individual)	95	5	5	6	16
2	State/Inter zonal/Ashwamedh	50	7	33	55	95
3	National	37	-	4	-	4
		<b>Grand Total</b>	63	104	131	298

# **Sports Organization**

# • Intercollegiate Hockey(M/W)

**Hockey (M)** competition was organized on 21st & 22nd November 2015 and **Hockey (W)** competition was organized on 7th & 8 December 2015 at the Major Dhyanchand Stadium Nehrunagar, Pimpri Chinchwad. Modern College, Shivajinagar, Pune-05 bagged the championship trophy. The tournament was inaugurated at the hands of our Principal Dr. R.S. Zunjarrao.

#### Men's Result:

Winning Team: Modern College of ASC, Shivajinagar, Pune-5

Runner Up: Fergusson College 3<sup>rd</sup> Place: Ness Wadia College

# Women's Result:

Winning Team: Abeda Inamdar College, Pune

Runner Up: Ness Wadia College

3rd Place: Modern College of ASC, Shivajinagar, Pune-5

# • Intercollegiate Handball (W)

Intercollegiate Handball (W) event was organized during on 17th August 2015. Five women teams from Pune city participated in this event. Principal Dr. Rajendra Zunjarrao inaugurated the event.

#### **Result:**

Winning Team: Modern College of ASC, Shivajinagar, Pune-5

Runner Up: MITSOM College 3<sup>rd</sup> Place: St.Miraj College

# Inter zonal Shooting(M/W)

Inter zonal Shooting(M/W)tournament was organized by our college on  $4^{th}$  and  $5^{th}$  December 2015 at PDRA Hadapsar. The tournament was inaugurated by Vice Principal Prof. M. D. Waghmare. Four teams from SPPU participated i.e. Pune City, Pune District, Ahmednagar and Nasik .

# • Inter zonal Cycling

Inter zonal Cycling competition was organized by our college at Shiv Chhatrapati Stadium, Balewadi on 7<sup>th</sup> October 2015. Four teams from SPPU i.e. Pune City, Pune District, Ahmednagar and Nasik participated in the track events. Dr. Deepak Mane, Director of Sports, SPPU and Mrs.Deepali Nikam, Cycling Coach inaugurated the event.

# • Modern Harmony Best Physique competition 2015-16

Modern Harmony 'Progressive Shree & Modern Shree' Best Physique competition was organized on 30<sup>th</sup> January 2016. Competition was inaugurated at the hands of Prof. Dr. Gajanan Ekbote, Honourable Chairman, P. E. Society.

# • Workshop on Sports Injury & Rehabilitation

Student Welfare Department, SPPU sponsored Workshop on 'Sports Injury and Rehabilitation' was organized on 17<sup>th</sup> & 18<sup>th</sup> February 2016. The workshop was inaugurated at the hands of our alumni and President of Indian Association of Sports Medicine (IASM) Dr. Parag Sancheti.

# • Late Shankarrao Kanitkar Sports Festival 2015-16

Late. Shankarrao Kanitkar Sports Festival was organized on 16<sup>th</sup> & 17<sup>th</sup> March 2015. Many students from the college participated in the tournament and the results were as follows:

**1**<sup>st</sup> **Place:** Football(M), Baketball(M), Volleyball(M), Volleyball(W). Staff members also participated and the results were as follows: **Winner:** Dodgeball, Throwball (Women) and Cricket(Men)

Runner-up: Volleyball(Men)

# **Sports Scholarship**

The following National players received the Sports Scholarship this year. The Sports Scholarship was awarded by the college.

Sr	Player's Name	Class	Level	Game
1	Neeta Salgar	F.Y.B.Com.	International	Judo
2	Swapnil Jarande	T.Y.B.Com.	National	Softball/Baseball
3	Supriya Borchate	T.Y.B.A	National	Shooting
4	Vandana Vankhede	S.Y.B.Com.	National	Handball
5	Akash Zambre	MMM.AII	National	Handball
6	Deepika Jambukar	T.Y.B.Com.	National	Cycling
7	Zeenal Zala	MMM.AI	National	Volleyball
8	Vishal Nale	S.Y.B.A	National	Ball Badminton
9	Satish Patil	F.Y.B.A	National	Hockey
10	Vinayak Pawar	F.Y.B.A	National	Hockey
11	Pratap Shinde	F.Y.B.A	National	Hockey
12	Vaibhav Bhor	S.Y.B.A	National	Cycling
13	Pooja Shitole	S.Y.B.Sc. (Comp.Sc.)	National	Handball/Netball
14	Komal Waghule	M.Com.	National	Handball
15	Vishal Bhadouriya	S.Y.B.Com.	National	Shooting
16	Charle Pooja	F.Y.B.Com.	National	Judo
17	Vaishnavi Joshi	S.Y.B.Com.	National	Judo
18	Kanchan Tikamkar	M.AI	National	Weight Lifting
19	Mayuri Suke	M.AI	National	Weight Lifting
20	Bongane Ninad	F.Y.B.Com.	National	Volleyball

21	Lonkar Sayali	T.Y.B.Com.	National	Cricket
22	Rupali Tripathi	S.Y.B.Sc.	National	Basketball
23	Suprabha Pujari	F.Y.B.A	National	Lawn Tennis
24	Shamrao Daundkar	M.AI	National	Athletics
25	Tejashi Kadam	T.Y.B. Com.	National	Cricket
26	Viraj Dhokale	S.Y.BCS	National	Swimmimg
27	Meenakshi Shinde	F.Y.BCA	State	Fencing
28	Tejal Sonawane	S.Y.B.A	National	Wrestling
29	Pawar Pallavi	S.Y.B.Com.	State	Hockey
30	Dnyaneshwari Gandekar	S.Y.B.Sc. (Comp.Sc.)	State	Netball
31	Lonari Neha	S.Y.B.Sc. (Comp.Sc.)	State	Netball
32	Vidhate Suraj	F.Y.B.A	State	Boxing
33	Aniket Taru	F.Y.B.Com.	State	Netball
34	Aniket Mane	F.Y.B.Com.	State	Netball

# Annual Prize Distribution "Gymkhana Day"

Annual Prize distribution i.e. "Gymkhana Day" was celebrated on 19th March 2016. Shri. Umesh Zirpe, Everst-Veer, Shiv Chatrapati Award winner and the college Alumni was invited as Chief Guest. Dr. Gajanan Ekbote, Chairman, P. E. Society, presided over the function. Prof. Shamkant Deshmukh, Secretary, P. E. Society, Prof. Jyotsna Ekbote, Joint Secretary, P. E. Society, were present as Guests of honor.

# The following students received the prizes:

**National and University Level Performance:** 

Sr. No	Player's Name	Class	Game	Level	Venue	Performance
				All India Inter University		Silver medal
1	West Dhalala	CVDCC	Continue	All India Inter University		Silver medal
1	Viraj Dhokale	SYBCS	Swimming	Inter Zonal	Nashik	2 Gold
	Waghule Komal M.CON			Inter Collegiate	S p college	2 Gold
	Marabala Izanal			National		Participate
2		M.COM	Handball	Inter Zonal	Junner	Gold medal
	Narayan			Inter Collegiate	Modern college	Gold medal
	2 Shamrao			All India Inter University	Patiala (Punjab)	Participate
			Athletica	Ashwamedh-4 X 400	Nandad	Silver medal
2		M.A.1	Athletics	Mtr	Nanded	Sliver medal
3	Daundkar	ENGLISH		Ashwamedh-800 Mtr	Nanded	Bronze medal
			Kho Kho	Inter Collegiate	S.p.college	Bronze medal
			Athletics	National	Bangalore	Participate
				Inter Zonal	Chakan	Gold medal
4	Rupali Tripathi	S.Y.BSC	Basketball	National	Mysore,Bangalore	Participate
				State	Kolhapur	Gold medal
				All India Inter University	Delhi	Participate
5	Pratap Shinde	F.Y.BA	Hockey	West Zone	Udaipur	Bronze medal
			Hockey	Inter Collegiate	Dhyanchand Stadium	Gold medal
				All India Inter University	Delhi	Participate
6 Satish Patil	il F.Y.BA	Hockey	West Zone	Udaipur	Bronze medal	
			,	Inter Collegiate	Dhyanchand stadium	Gold medal
	Vinayak Pawar F.Y.BA Hoc			All India Inter University	Delhi	Participate
7		F.Y.BA	Hockey	West Zone	Udaipur	Bronze medal
	,		,	Inter Collegiate	Dhyanchand stadium	Gold medal
				All India Inter University	Delhi	Participate
8	Shivratna Rasal	F.Y.BA	Hockey	West Zone	Udaipur	Bronze medal
			,	Inter Collegiate	Dhyanchand stadium	Gold medal
				Inter Zonal	Balewadi	Gold medal
9	Abhishek	F.Y.B.CO	Hockey	National	Mysore,Karnataka	Participate
	Swamy	M	,	Inter Collegiate	Dhyanchand stadium	Gold medal
				All India Inter University	Bhopal	Participate
				National	Bihar	Participate
10	Bongane Ninad	F.Y.B.CO	Volleyball	State Sr.	Saswad	Bronze medal
	3 8 1 11	M		Inter Zonal	Nagar	Participate
				Inter Collegiate	Deccan	Gold medal
				Inter Zonal	A.nagar	Gold medal
11	Zeenal Zala	F.Y.B.CO	Volleyball	State	Sasawad	Silver medal
		M		Youth National	Nagpur	Participate
				All India Inter University	Guntur(AP)	Participate
12	Kanchan	M.A-1	Weight Lifting	Inter Zone	A.nagar	Gold medal
	Tikamkar	ECO		Senior State	Mumbai	Silver medal
13	Mayuri Suke	M.A-1	Weight Lifting	All India Inter University	Guntur(AP)	Participate
	- Jujuii June			maid mitter only crostly	Guntur (III )	- ar acipate

	l	ECO	l	Senior National	Patiala (Punjab)	Participate
		EGO		Inter Zone	A.nagar	Gold medal
				Senior State	Kalyam	Gold medal
			Athletics Relay	Inter Collegiate	Sanas ground	Silver medal
			Handball	Inter Collegiate	Modern college	Gold medal
			Kho Kho	Inter Collegiate		Bronze medal
14	Tejal Sonawane	S.Y.BA	Athlestics,Rela v	Inter Collegiate		Bronze medal
			Wrestling	National Jr	Delhi	Participate
			Wrestling	National Sr	U.p	Participate
			Lawn Tennis	All India Inter University	Orissa	Participate
15	Suprabha Pujari	F.Y.BA	Volleyball	Inter Collegiate	Cummins college	Participate
			Lawn Tennis	West Zone	Rajasthan	Silver medal
16	Charle Desir	F.Y.B.CO	Judo Hockey	All India Inter University Intercollegiate	Kiit uni, Orissa Dhyanchand stadium	Participate Bronze medal
10	Charle Pooja	M	Iudo	National	Gujarat	Participate
			Judo	All India Inter University	Kiit univeresity,orissa	Participate
17	Neeta Salgar	F.Y.B.CO	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
	,	M	Judo	Inter Zonal	Asc college Sinner	Gold medal
		S.Y.B.CO	Judo	All India Inter University	Kiit uni, Orissa	Participate
18	Vaishnavi Joshi	5.1.B.CO M	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
		141	Judo	Junior National	Gujarat	Participate
			Cricket	All India Inter University	Mumbai	Participate
			Softball	All India Inter University	Punjab	Participate
19	Lonkar Sayali	S.Y.B.SC	Cricket	Inter Collegiate	SP college	Gold medal
	, and the second		Baseball	Inter Zonal	Yeola UV dogo:	Participate
			Softball Cricket	Inter Collegiate Inter Zonal	HV desai PVP college	Silver medal Silver medal
			Cricket	All India Inter University	Mumbai	Participate
		T.Y.B.CO	Softball	Inter Collegiate	S.P.College	Silver medal
20	Tejashri Kadam	M	Cricket	Inter Zonal	PVPcollege	Silver medal
			Cricket	Inter Collegiate	SP college	Gold medal
	Minalahi			National	Punjab	Participate
21	Minakshi Shinde	F.Y.BCA	Fencing	State	Solapur	Bronze medal
	Simue			State	Nasik	Bronze medal
				All India Inter University	Kurukshetra,Haryana	Participate
22	Vidhate Suraj	F.Y.BA	Boxing	State	Pune	Gold medal
	Eknath	1111211	20milg	Inter Zonal	MIT Loni	Gold medal
				Inter Collegiate	MIT Loni	Gold medal
				All India Inter University Federation National	Patiala (Punjab) Kerala	Participate Participate
	Vaibhav		Cycling	Inter Zonal Road	Nagar	Participate
23	Sarjerao Bhor	F.Y.BA		Inter Zonal Track	Modern college	Participate
	Surjerus Brisi		Ball			•
			Badminton	Inter Collegiate	Pune	Silver medal
24	Deepika	M.COM 1	Cycling	All India Inter University	Punjab University	Participate
24	Jambukar	M.COM 1	, e	Inter Zonal	Nagar	Participate
	Chendake		Netball	All India Inter University	Chandigadh	Participate
25	Vaibhav	F.Y.B.A	Handball	Inter Collegiate	Agashe College	Bronze medal
			Netball Netball	Inter Zonal All India Inter University	Dehane,Khed Patiyala	Silver medal
26	Swapnil Jarande	T.Y.B.CO	Baseball	Inter Zonal	Baramati	Participate
20	Swapini jaranue	M	Softball	All India Inter University	Jalandhar	Participate
			Netball	All India Inter University	Chandigardh,Punjab	Participate
27	Gandekar	S.Y BSC	Handball	Inter Zonal	SSC college, Junnar	Gold medal
	Dnayaneshwari	<u> </u>	Netball	Inter Zonal	Chakan	Gold medal
28	Lonari Neha	S.Y.B.SC	Netball	All India Inter University	Chandigadh, Punjab	Participate
20	LUIIAI I IVEIIA	J.1.D.JC		Inter Zonal	Chakan	Gold medal
			Netball	All India Inter University		Participate
29	Pooja Shitole	S.Y.B.C.S.	Basketball	Inter Collegiate	BMCC	Silver medal
			Handball	Inter Zonal	Junnar	Gold medal
30	Trivenee	TVDCC	Nothall	All India Inter University	Chalran	Participate
30	Londhe	T.Y.B.SC	Netball	Inter Zonal State	Chakan Vardha	Gold medal Gold medal
				59th National	Delhi	Participate
				All India Shooting		•
31	Supriya	T.Y.B.A	Air Rifle	Chamoionship	Varanasi	4th
	Borchate			Kss Shooting	Vorala	Darticipata
				Championship	Kerala	Participate
32	Pawar Pallavi	S.Y.B.CO	Hockey	National	Lukhnow	Bronze medal
52	- avvai i ailavi	M	Hockey	National	Guwahati	Participate
			Ball	All India Inter University	Manglore university	Participate
33	Vishal Nale	S.Y.BA	Badminton	Jr National	Chhattisgardh	Participate
			Handball	Inter Collegiate	Shahu College Agashe College, Pune	Silver medal Bronze medal
		F.Y.B.CO	Silambam (Mar	Inter Collegiate National	Tamil Nadu	Silver medal
34	Aditya Jadhav	M.1.B.CO	shal Arts)	State	Navi Mumbai	Bronze medal
	Amara Carral	S.Y.BCOM	Swimming	National	Hyderabad	Silver medal
35	Amey Gayal	3.1.DCC/W	SWIIIIIII			

	Í	ĺ	Ī	Sea Swimming(6km)	Colaba, Mumbai	Bronze medal
				All India Open Sea	,	
	Mohite			Swimming Comp	Colaba, Mumbai	Participate
36	Shreeyash	F.Y.B.SC	Swimming	State	Balewadi	Participate
	, and the second			Swimmathon National	Goa	Participate
Zona	ıl / state					
			Handball	Inter Zonal	Nashik	Gold medal
37	Akash Zambre	M.A.2	Handball	Inter Collegiate	Cacpe	Silver medal
-		ECO	Ball	Inter Collegiate	Shahu College pune	Silver medal
			Badminton			Gold medal
39	Amar Jadhav	S.Y.BA	Kho Kho	Inter Zonal Inter Collegiate	Nagar SP college	Bronze medal
			Cross Country	Inter Collegiate	Shahu college	Silver medal
40	Amey Kalambe	F.Y.BBA	Boxing	Inter Collegiate	Mit Loni	Silver medal
			Boxing	Interzonal	Mit Loni	Silver medal
41	Amruta	F.Y.B.SC	Ball	Inter Collegiate	Siddhivinayak College	Bronze medal
41	Tribhuvan		Badminton	Inter Zonal	Siddhivinayak College	Bronze medal
42	Aniket Taru	F.Y.B.CO	Netball	Inter Zonal	Dehane College, Khed	Silver medal
	Timilet Turu	M	recoun	Inter Collegiate	AGC	Gold medal
43	Awate Poonam	MSC	Kabaddi	Inter Zonal	Malegoan	Silver medal
		MATHS	Baseball	Inter Zonal	Baramati	Bronze medal
			Softball	Inter Zonal	Lasalgoan	Gold medal
44	Bajrang Dhere	T.Y.BCS	Baseball	Inter Collegiate	SP college	Bronze medal
			Softball	Inter Collegiate	SP college	Silver medal
	Danas d -	T.Y.B.CO	Atheletics-100	-	_	
45	Baraswade Manisha	T.Y.B.CO M	&200 Mtr	Inter Collegiate	Sanas ground	Bronze medal
	Mamona	171	Kho Kho	Inter Zonal	Shrirampur	Gold medal
				Inter Zonal	Akole	Participate
46	Dhiraj Gaikwad	F.Y.B.A	Volleyball	State	Bhilawadi	Participate
			Catalan	Inter Collegiate	Deccan	Gold medal
	Dhumal	F.Y.B.CO	Cricket Baseball	Inter Collegiate Inter Zonal	S.P.college Indapur	Gold medal Silver medal
46	Shubhangi	M.Y.B.CO	Softball	Inter Zonal	Yeola, Nasik	Bronze medal
	Situbilatigi	141	Softball	State	Bhoisar	Participate
			Baseball	Inter Collegiate	S.P.college	Silver medal
47	Dumbre	F.Y.B.CO	Cricket	Inter Zonal	PVP college, Pravaranagar	Silver medal
	Prajakta	M	Softball	Inter Zonal	Yeola	Bronze medal
	Gunawant		Cricket	Inter Collegiate	S.P.college	Gold medal
48	Bhavana	F.Y.B.A	Softball	Inter Collegiate	S.P.college	Silver medal
	Bilavalia		Baseball	Inter Zone	Indapur	Silver medal
	0 114 11 1	myrpaa	Baseball	Intercollegiate	S.Pcollege	Bronze medal
47	Gunjal Aniket	T.Y.BSC	Softball	Interzonal	Lasalgoan	Gold medal
		S.Y.B.CO	Softball Netball	Inter Collegiate Inter Collegiate	SP college Garware college	Silver medal Gold medal
48				ilitel Collegiate		
	Gurav Sanket		Nethall	Inter 7one		
		M	Netball	Inter Zone Inter Zonal	Dehane college	Silver medal
47	Harugude Harshad Hindurao		Handball	Inter Zonal Inter Collegiate		Silver medal Gold medal Silver medal
	Harugude Harshad Hindurao Hrishikesh	M S.Y BA	Handball Ball	Inter Zonal Inter Collegiate Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE Devala, Nasik	Silver medal Gold medal Silver medal Gold medal
47	Harugude Harshad Hindurao Hrishikesh Bhagat	M	Handball	Inter Zonal Inter Collegiate	Dehane college Amrutwahini college,a.nagar CACPE	Silver medal Gold medal Silver medal
	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav	M S.Y BA	Handball Ball	Inter Zonal Inter Collegiate Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE Devala, Nasik	Silver medal Gold medal Silver medal Gold medal
48	Harugude Harshad Hindurao Hrishikesh Bhagat	M S.Y BA S.Y.BCOM	Handball Ball Badminton Kho Kho	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE Devala, Nasik Shahu College Shrirampur, Nagar	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal
48	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav	M S.Y BA S.Y.BCOM	Handball  Ball Badminton  Kho Kho Baseball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE Devala, Nasik Shahu College Shrirampur, Nagar Indapur	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal
48	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha	M S.Y BA S.Y.BCOM S.Y.BOM	Handball  Ball Badminton  Kho Kho Baseball Softball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE Devala, Nasik Shahu College Shrirampur, Nagar Indapur S.P College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal
48 49 50	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali	M S.Y.BA S.Y.BCOM S.Y.BOM F.Y.BA	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal Intercollegiate Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE  Devala, Nasik Shahu College Shrirampur, Nagar Indapur S.P College Baramati	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Silver medal
48	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha	M S.Y BA S.Y.BCOM S.Y.BOM	Handball  Ball Badminton  Kho Kho Baseball Softball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal	Dehane college Amrutwahini college,a.nagar CACPE Devala, Nasik Shahu College Shrirampur, Nagar Indapur S.P College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal
48 49 50	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali	M S.Y.BA S.Y.BCOM S.Y.BOM F.Y.BA	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Baseball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Bronze medal Bronze medal Silver medal
48 49 50 51	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali Jathar Sagar	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Baseball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College S.P.College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Bronze medal Bronze medal Silver medal Silver medal Silver medal
48 49 50	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali	M S.Y.BA S.Y.BCOM S.Y.BOM F.Y.BA	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Softball Softball Softball Softball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College S.P.College S.P.College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Bronze medal Silver medal Silver medal Silver medal Silver medal Silver medal Silver medal
48 49 50 51	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali Jathar Sagar	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Baseball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate State	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College  Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College S.P.College S.P.College S.P.College S.P.College Bhoisar	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Gold medal Bronze medal Silver medal Silver medal Silver medal Silver medal Silver medal Silver medal Farticipate
48 49 50 51	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali Jathar Sagar	M S.Y.BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Softball Softball Softball Softball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College S.P.College S.P.College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Bronze medal Silver medal Silver medal Silver medal Silver medal Silver medal Silver medal
48 49 50 51 52 53	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Softball Baseball Softball Hockey	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate State	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College  Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP College S.P.College S.P.College S.P.College S.P.College Abeda Inamdar College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Silver medal Silver medal Silver medal Silver medal Fonze medal Silver medal Silver medal Silver medal Silver medal Farticipate Bronze medal
48 49 50 51	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO	Handball  Ball Badminton  Kho Kho  Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket	Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College  Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP.College SP.College S.P.College Dhyanchand stadium PVP College, Pravaranagar S.P.college	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Silver medal Participate Bronze medal Bronze medal Bronze medal Gold medal
48 49 50 51 52 53 54	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath Komal Wabae Kumar Pardeep	M S.Y.BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M S.Y.B.SC T.Y	Handball  Ball Badminton  Kho Kho  Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College  Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP.College S.P.College S.P.College Dhyanchand stadium PVP College, Pravaranagar S.P.college Sanas ground	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Silver medal Participate Bronze medal Bronze medal Bronze medal Gold medal Participate
48 49 50 51 52 53	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath Komal Wabae	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M S.Y.B.SC	Handball  Ball Badminton  Kho Kho  Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country	Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College  Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP.College SP.College S.P.College Dhyanchand stadium PVP College, Pravaranagar S.P.college	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Silver medal Participate Bronze medal Bronze medal Bronze medal Gold medal
48 49 50 51 52 53 54 55	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath  Komal Wabae  Kumar Pardeep Bijender	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M S.Y.B.SC T.Y B.COM	Handball  Ball Badminton  Kho Kho  Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country Ball Badminton	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College  Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP.College S.P.College S.P.College Dhyanchand stadium PVP College, Pravaranagar S.P.college Sanas ground	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Silver medal Participate Bronze medal Bronze medal Bronze medal Gold medal Participate
48 49 50 51 52 53 54	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath Komal Wabae Kumar Pardeep	M S.Y.BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M S.Y.B.SC T.Y B.COM	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country Ball Badminton Ball Badminton	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP College SP.College S.P.College S.P.College S.P.College S.P.College S.P.College S.P.College S.P.College S.P.College S.P.College Bhoisar Abeda Inamdar College Dhyanchand stadium PVP College, Pravaranagar S.P.college Sanas ground Ghodegoan	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Gold medal Bronze medal Silver medal Silver medal Silver medal Silver medal Silver medal Participate Bronze medal Bronze medal Bronze medal Gold medal Participate Participate Participate
48 49 50 51 52 53 54 55	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath  Komal Wabae  Kumar Pardeep Bijender  Kute Rutuja	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M S.Y.B.SC T.Y B.COM	Handball  Ball Badminton  Kho Kho  Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country Ball Badminton Ball Badminton Ball Badminton Ball Badminton	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP.College S.P.College Shoisar Abeda Inamdar College Dhyanchand stadium PVP College, Pravaranagar S.P.College Sanas ground Ghodegoan Siddhivinayak College Siddhivinayak College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Gold medal Bronze medal Silver medal Silver medal Silver medal Silver medal Participate Bronze medal Silver medal Participate Bronze medal Gold medal Participate Participate Participate Participate Silver medal
48 49 50 51 52 53 54 55 56	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath Komal Wabae Kumar Pardeep Bijender  Kute Rutuja	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M S.Y.B.CO M S.Y.B.SC T.Y B.COM S.Y.B.CO M	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country Ball Badminton Ball Badminton Ball Badminton Handball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College S.P.College Siphoisar Abeda Inamdar College Dhyanchand stadium PVP College, Pravaranagar S.P.college Sanas ground Ghodegoan Siddhivinayak College Siddhivinayak College Shahu Mahavidyalaya Amrutwahini College, A.nagar	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Gold medal Bronze medal Silver medal Silver medal Silver medal Silver medal Silver medal Participate Bronze medal Silver medal Participate Bronze medal Gold medal Participate Participate Participate Silver medal Gold medal Participate Silver medal
48 49 50 51 52 53 54 55	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath Komal Wabae Kumar Pardeep Bijender  Kute Rutuja  Mahadik Sattyam	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M T.Y.B.CO M S.Y.B.SC T.Y B.COM	Handball  Ball Badminton  Kho Kho  Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country Ball Badminton Ball Badminton Ball Badminton Handball Handball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Collegiate	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College SP.College S.P.College Shoisar Abeda Inamdar College Dhyanchand stadium PVP College, Pravaranagar S.P.College Sanas ground Ghodegoan Siddhivinayak College Siddhivinayak College	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Gold medal Bronze medal Silver medal Silver medal Silver medal Silver medal Participate Bronze medal Silver medal Participate Bronze medal Gold medal Participate Participate Participate Participate Silver medal
48 49 50 51 52 53 54 55 56	Harugude Harshad Hindurao Hrishikesh Bhagat Jadhav Shraddha Jagtap Rupali  Jathar Sagar  Kadam Apurva  Kiran Shirsath Komal Wabae Kumar Pardeep Bijender  Kute Rutuja	M S.Y BA S.Y.BCOM S.Y.BOM F.Y.BA T.Y.BSC F.Y.B.CO M S.Y.B.CO M S.Y.B.SC T.Y B.COM S.Y.B.CO M	Handball  Ball Badminton  Kho Kho Baseball Softball Baseball Softball Baseball Softball Baseball Softball Hockey  Cricket Athletics Cross Country Ball Badminton Ball Badminton Ball Badminton Handball	Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Collegiate Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Collegiate Inter Zonal Inter Zonal Inter Zonal Inter Zonal	Dehane college Amrutwahini college,a.nagar  CACPE  Devala, Nasik Shahu College Shrirampur, Nagar  Indapur S.P College Baramati Lasalgoan S.P.College SP College S.P.College Siphoisar Abeda Inamdar College Dhyanchand stadium PVP College, Pravaranagar S.P.college Sanas ground Ghodegoan Siddhivinayak College Siddhivinayak College Shahu Mahavidyalaya Amrutwahini College, A.nagar	Silver medal Gold medal Silver medal Gold medal Silver medal Gold medal Silver medal Silver medal Silver medal Bronze medal Gold medal Bronze medal Silver medal Silver medal Silver medal Silver medal Silver medal Participate Bronze medal Silver medal Participate Bronze medal Gold medal Participate Participate Participate Silver medal Gold medal Participate Silver medal

58	Mangesh Khandagale	F.Y.B.A	Fencing Iudo	Inter Zonal Inter Zonal	AGC A.S.C. College	Participate Participate
	Kilaliuagale		Baseball	Inter Collegiate	S.P.College	Bronze medal
59	Manoj Khamkar	F.Y.B.A	Softball	Inter Collegiate	S.P.College	Silver medal
0,	Trainey Timarima	11112111	Netball	Inter Zonal	Dehane, Khed	Silver medal
			Cricket	Inter Collegiate	S.P. College	Gold medal
60	Mate Harshada	F.Y.B.A	Baseball	Inter Zonal	Indapur	Silver medal
			Softball	Inter Zonal	Yeola	Bronze medal
				Inter Zonal	Abeda Inamdar College	Silver medal
61	Meenal Shukla	T.Y.BSC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
62	Mehandale		Basket Ball	Inter Zonal	Chakan	Gold medal
	Ashwin		Ball	Inter Calleriate	Hadanaan	C:l
63	Murkute Baban	F.Y.B.SC	Badminton	Inter Collegiate	Hadapsar	Silver medal
			Netball	Inter Zonal	Dehane college,Khed AGC	Silver medal Gold medal
			Baseball	Inter Collegiate Inter Zonal	Indapur	Silver medal
			Cricket	Inter Zonal	Prawaranagar	Silver medal
64	Natu Monali	F.Y.B.A	Softball	Inter Zonal	Yeola	Bronze medal
04	Natu Mollali	г. I .D.A	Cricket	Inter Collegiate	SP College	Gold medal
			Softball	Inter Collegiate	H.V. Desai	Silver medal
	Neeraja		Soltball	inter Conegrate	n.v. Desai	Silver illeuai
65	Mehendale	F.Y.B.A	Volleyball	State	Bhandara	Gold medal
66	Palve Sonali	S.Y	Handball	Inter Zonal	SSC College, Junnar	
υÜ	Kailas	B.COM		Inter Collegiate	Modern college	Gold medal
			Cricket	Inter Collegiate	S.P.college	Gold medal
67	Dance Value:	CVDCOM	Softball	Inter Collegiate	S.P.college	Silver medal
67	Panse Kalyani	S.Y.BCOM	Baseball	Inter Zonal	Indapur	Silver medal
			Softball	State	Palghar	Participate
68	Pathan Wasim	M.A.ENG	Best Physique	Inter Zonal	Shrirampur, A.nagar	Silver medal
	Khan	LISH	Athletics	Inter Zonal	Sanas ground	Bronze medal
69	Pawar Shweta	T.Y.BA		Inter Collegiate		
			5000m		Sanas ground	Silver medal
		F.Y.B.CO		Inter Zonal	Balewadi,pune	Gold medal
70	Rahul Rasola	M	Hockey	State	Usmanabad	Silver medal
				Inter Collegiate	Dhyanchand stadium	Gold medal
71	Salvekar	S.Y.B.SC	Cricket	Inter Zonal	Paravaranagar	Silver medal
/1	Shraddha	3.1.0.30	Gricket	Inter Collegiate	S.P.college	Gold medal
72	Cavali Iaatan	F.Y.BA	Kho-Kho	Inter Zonal	Shrirampur	Gold medal
72	Sayali Jagtap	F.Y.BA	KIIO-KIIO	Inter Collegiate	Siddhivinayak college	Bronze medal
73	Sharma Deepti	CVPCC	Handball	Inter Zonal	SSC College, Junnar	Gold medal
/3	Santosh	S.Y BSC	Hanubali	Inter Collegiate	Modern College	Gold medal
74	Charlelana Danie		Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
74	Shubham Parit	F.Y.BA	Hockey	Inter Zonal	Balewadi, Pune	Gold medal
75	Sumit Rajendra Bhandari	TYBBA	Football	Inter Zonal	A.nagar	Participate
	Survase			Inter Zonal	A.nagar	Participate
76	Saurabh Sanjay	FY BA	Volleyball	Inter Collegiate	Deccan	Gold medal
	Saurabii Saiijay		Boxing	Inter Collegiate	Loni kalbhor, MIT Gurukul	Participate
77	Tambali Canina	S.Y.B.CO	Handball			Gold medal
77	Tamboli Saniya	M		Inter Collegiate	Modern college	
			Boxing	Interzonal	MIT Loni	Participate
70	Wardali Di ii	S.Y.B.CO	Ball	Inter Zonal	Siddhivinayak College	Bronze medal
78	Vaidehi Dixit	M	Badminton	State	Akola	Participate
			24411111011	Inter Collegiate	Siddhivinayak College	Gold medal
70	Waghole	MAUROO	Well and H	Inter Zonal	A.nagar	Participate
79	Dashrath Madhav	MAII ECO	Volleyball	Inter Collegiate	Deccan	Gold medal
			Cricket	Inter Collegiate	S.P.College	Gold medal
80	Wakhare Shrutika	S.Y.BA	Softball	Inter Collegiate	S.P.College	Silver medal
			Baseball	Inter Zonal	Indapur	Silver medal
	Wankhade		Basketball	Inter Collegiate	BMCC	Silver medal
04		S.Y.B.CO M		Inter Zonal	Junnar	Gold medal
81	Vandana		Handball	Inter Collegiate	Modern college	Gold medal
	Ramesh		Netball	Inter Zonal	Chakan	Gold medal
20	Vanita Cal	PVDC1	Ball	Inter Zonal	Siddhivinayak College	Participate
32	Yogita Salve	F.Y.BCA	Badminton	Inter Collegiate	Siddhivinayak College	Gold medal
	Yugandhara		Ball	Inter Zonal	Siddhivinayak College	Participate
83	Dakhole	F.Y.B.CS	Badminton	Inter Collegiate	Siddhivinayak College	Gold medal
nter	collegiate / district	level				
84	Akshay Walmiki	T.Y.B.CO M	Ball Badminton,	Inter Collegiate	Shahu College	Silver medal
04	Aksnay walmiki		Best Physique	Inter Collegiate	Abasaheb Garware College	Bronze medal
85	Amb A11-	S.Y.BCA	Athletics	Inter Collegiate	Sanas ground	Bronze medal
σ5	Ambre Akshaya	S.Y.BCA	Handball	Inter Collegiate	Modern College	Gold medal
86	Amol Shinde	F.Y.B.SC	Cross Country	Inter Collegiate	Shahu College	Runner Up
87	Amruta Sharma	T.Y.B.CO	Ball	Inter Collegiate	Siddhivinayak College	Gold medal
	riiii uta Jiial IIId	M	Badminton	meer conegiate	Siddinivillayak College	Gold Medal
88	Anju Yadav	T.Y.B.SC	Basketball	Inter Collegiate	BMCC	Silver medal

					Annual Report	2015-2016 19
l		1	Hockey,	Inter Collegiate	Dhyanchand stadium	Bronze medal
89	Ashish Udeg	F.Y.BCOM	Baseball	Inter Collegiate	S.P.College	Bronze medal
09		r.i.bcom	Softball	Inter Collegiate	S.P. College	Silver medal
90	Ashlesha Nimbalkar	T.Y.B.SC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
91	Bawane Dhiraj		Handball	Inter Collegiate	Agashe College	Silver medal
92	Bhavana	EVDCC				
92	Didmuthe	F.Y.B.SC	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal
93	Bhope Aarti	S.Y.B.SC	Basketball	Inter Collegiate	BMCC	Silver medal
94	Bhosale Harshal		Kho Kho Handball	Inter Collegiate Inter Collegiate	Siddhivinayak College Agashe College	Bronze medal Silver medal
	Borhade	F.Y.B.CO				
95	Himani	M	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal
96	Chavan		Cross Country	Inter Collegiate	Shahu College	Runner Up
97	Shubham Gaurav Karke	F.Y.B.A	Kho Kho	Inter Collegiate	S.p.college	Bronze medal
	Ganmote		Softball	Inter Collegiate	S.P.College	Silver medal
98	Dnyanesh	FYBSC	Baseball	Intercollegiate	S.P. College	Bronze medal
99	Gauri	S.Y.B.CO	Volleyball	State	Bhandara	Gold medal
	Nimbalkar	M	_	State	Bhandara	dolu ilicuai
10 0	Gupta Nitesh	F.Y.BCOM	Ball Badminton	Inter Collegiate	Shahu College	Silver medal
10		T.Y.B.CO	Athletics	Inter Collegiate	Sanas ground	Silver medal
1	Inamdar Dhiraj	M	Kho Kho	Inter Collegiate	S.P.College	Bronze medal
10	Isha Phadke	F.Y.B.A	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal
2			Softball	Inter Collegiate	S.P.College	Silver medal
10 3	Jadhav Pravin	T.Y.BCS	Kho Kho	Inter Collegiate	S.P.College	Bronze medal
10	T : D1 :1		** 11 11	T	M 1 C II	0:1
4	Jain Dhruvika		Handball	Inter Collegiate	Modern College	Silver medal
10			Ball	Inter Collegiate	Shahu College	Silver medal
5	Kakade Omkar	F.Y.BA	Badminton Handball	Inter Collegiate	Agashe College	Silver medal
10	Kamble					
6	Hrishikesh	MAI	Volleyball	Inter Collegiate	Deccan Gymkhana	Gold medal
10	Kamble Vijay		Cross Country	Inter Collegiate	Shahu College	Runner Up
7			Gross Country	miter conteguite	Sharia conege	Runner op
10 8	Kapase Shubham	FYBA	Volleyball	Inter Collegiate	Deccan Gymkhana	Gold medal
10 9	Kasbe Prajwal		Handball	Inter Collegiate	Agashe College	Silver medal
11						
0	Kasbe Rahul	FYBA	Volleyball	Inter Collegiate	Deccan Gymkhana	Gold medal
11 1	Khalse Krushnakant		Kho Kho	Inter Collegiate	S.P.College	Gold medal
11 2	Khan Yusuf	FYBA	Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
11 3	Khutwad Himanshu		Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
11	Komal Gadkar	T.Y.B.SC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
4 11	Mayur	S.Y.BA	Kho Kho	Inter Collegiate	S.P.College	Bronze medal
5	Deshpande	3.1.DA				
11 6	Moynak Rishikesh	S.Y.B.SC	Baseball Softball	Inter Collegiate Inter Collegiate	S.P.College S.P. College	Bronze medal Silver medal
11	Nagwad Vivek	FYBCOM	Netball	Inter Collegiate	Garware College	Gold medal
7 11	Neha Pawar	T.Y.B.SC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
8 11			-		-	
9	Nilesh Pawar	FYBSC	Athletic	Inter Collegiate	Sanas ground	Gold medal
0	Patel Kishor	FYBA	Volleyball	Inter Collegiate	Deccan Gymkhana	Silver medal
12 1	Patil Apurva	S.Y.B.CO M	Baseball, Softball	Inter Collegiate Inter Collegiate	S.P.College S.P.College	Silver medal Silver medal
12	Pawar Rushikesh	1*1	Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
12	Pradnya	T.Y.B.CO	Cricket	Inter Zonal	PVP College, Pravaranagar	Silver medal
3 12	Sonawane Pulel Rushi	M	Hockey	Inter Collegiate	Dhyanchand stadium	Silver medal
12		F.Y.B.CO	,			
5	Rakesh Rengde	M	Netball	Inter Collegiate	Garware College	Gold medal
12	Ravi Manmode	S.Y.B.SC	Baseball	Inter Collegiate	S.P.College	Bronze medal
6 12	Ropal Rohan	MA I	Softball Hockey	Inter Collegiate Inter Collegiate	S.P.College  Dhyanchand stadium	Silver medal Gold medal
7 12	•		Baseball	Inter Collegiate	S.P.College	Bronze medal
8	Rupesh Alor	F.Y.BA	Softball	Inter Collegiate	S.P.College	Silver medal

12 9	Rushikesh Nikam	T.Y.BCO M	Volleyball	Inter Collegiate	MIT College	Gold medal
13 0	Rushikesh Sali	F.Y.B.CO M	Cross Country	Inter Collegiate	Shahu College	Runner Up
13 1	Saddam Khanbhai	T.Y.B.CO M	Netball	Inter Collegiate	Garware College	Gold medal
13 2	Sadikot Idrish	F.Y.BSC	Handball	Inter Collegiate	Agashe College	Bronze medal
13 3	Sakore Gayatri	S.Y.BA	Cricket	Inter Collegiate	S.P.College	Gold medal
13 4	Sapkal Abhijeet	M.SC.2	Kho Kho	Inter Collegiate	S.P.College	Bronze medal
13 5	Sarde Nikhil		Handball	Inter Collegiate	Agashe College	Silver medal
13 6	Sharma Poonam		Netball	Inter Collegiate	Kothrud	Gold medal
13 7	Shelke Swapnil	F.Y.B.SC	Cross Country	Inter Collegiate	Shahu College	Runner Up
13 8	Shinde Roma	F.Y.B.CO M	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal
13 9	Shingane Hrushikesh	1/1	Kho Kho	Inter Collegiate	S.P.College	Bronze medal
14 0	Shirke Omkar		Baseball	Intercollegiate	S.P.College	Bronze medal
14	Shirsat Akshay	S.Y.B.SC	Baseball	Inter Collegiate	S.P.College	Bronze medal
1	5.111 Suc Tikoliuy	0.1.5.00	Softball	Inter Collegiate	S.P.College	Silver medal
			400 Mts Athletics(Rela	Inter Collegiate	Sanas ground	Bronze medal
14	Shubham	T.Y.BCO	y) Ball	Inter Collegiate	Sanas ground	Silver medal
2	Ghadge	M	Badminton	Inter Collegiate	Hadapsar	Silver medal
14			Kho Kho,,	Inter Collegiate	S.P.College	Bronze medal
3	Sinduta K P	T.Y.B.SC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
4	Snehal Palkar	T.Y.B.C.A	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
14 5	Sonawane Kunal		Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
l4 6	Sontakke Abhijeet	F.Y.B.SC	Volleyball	Inter Collegiate	Deccan Gymkhana	Gold medal
14 7	Sudha Kanhurkar	T.Y.B.SC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
l4 8	Supriya Arenavaru		Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
l4 9	Swamy Sumit		Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
15 0	Tharkude Keshav		Kho Kho	Inter Collegiate	S.P.College	Bronze medal
15 1	Thombre Sourabh		Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
15 2	Thorat Omkar		Softball	Inter Collegiate	S.P.College	Silver medal
15 3	Tilekar Amit	S.Y.B.SC	Cross Country	Inter Collegiate	Shahu College	Runner Up
15 4	Tomar Pooja	F.Y.B.SC	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal
15 5	Vrushali Gawari	F.Y.B.SC	Basketball	Inter Collegiate	BMCC	Silver medal
15 6	Vrushali Gorkhe	F.Y.B.CO M	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal
15 7	Waghamare Shrushti		Cricket	Inter Collegiate	S.P.College	Gold medal
15	Walunj	S.Y.B.CO	Baseball	Inter Collegiate	S.P.College	Bronze medal
8 .5	Shubham	M	Softball	Inter Collegiate	S.P.College	Silver medal
9	Zarekar Pranay	M.COM 1	Kho Kho	Inter Collegiate	S.P.College	Bronze medal
0	Admane Samruddhi		Basketball	Inter Collegiate	BMCC	Silver medal
l6 1	Aniket Mane	F.Y.BA	Netball	Inter Collegiate	Garware College	Gold medal
16 2	Deshmukh Chetan		Hockey	Inter Collegiate	Dhyanchand stadium	Gold medal
16 3	Mamta Chejara	T.Y.B.SC	Hockey	Inter Collegiate	Dhyanchand stadium	Bronze medal
16	Varsha Dabhade	F.Y.B.CO M	Kho Kho	Inter Collegiate	Siddhivinayak College	Bronze medal

# **Interclass Competitions**

Interclass competitions for the promotion of certain games and also for entertainment purposes were organized from

12<sup>th</sup> to 16<sup>th</sup> January 2016. Football, Basketball, Volleyball, Badminton, Table Tennis and Chess were the events organized during this period.

#### **Team Event Performance**

Basketball	WINNER TEAM (MEN) - T.Y.B.COM(A)	RUNNERUP :12th ( J)		
	1. Saddam Khanbhai	1.Samarth Honrao		
	2. Akshay Takalkar	2.Gaurav Nahar		
	3. Akshay Mehetre	3.Aniruddh Pawar		
	4. Omkar More	4.Chinmay Kshirsagar		
	5. Nikhil Jog	5.Yash Kataria		
	6. Nilesh Mane	6.Darshan Gosavi		
VOLLEYBALL:	WINNER TEAM (MEN) - F.Y.BSC( A)	RUNNERUP TEAM (MEN) F.Y.B.Com		
	1.Balaji Warudkar	1. Pratik Sonawane		
	2.Abhijit Sontakke	2. Vikas Yadav		
	3.Pankaj Khairnar	3. Ashitosh Sing		
	4.Parth Tadvalkar	4. Kiran Dhonde		
	5.Ajay Raut	5. Ashish Vadag		
	6.Sudesh Veer	6. Prathmesh Devkar		
	7.Swapnil Shelke	7. Anmol Sapkal		
		8. Vishal Birajdar		
FOOTBALL:	WINNER TEAM (MEN) - (FYBBA) B	RUNNERUP - (TYBCS) B		
	1. Akshay Bhalerao	1. Aniket Patil		
	2. Sachidanand Unde	2. Karan Shirurkar		
	3. Mayuresh Kasbe	3. Advay Thombre		
	4. T.Gemon Dev Sharma	4. Advait Toraskar		
	5. Yash Agarwal	5. Dil Thapa		
	6. Amol Singh	6. Chetan Pacharne		
		7. Pravin Jadhav		
		8. Tejas Raskar		
Chess	WINNER	RUNNERUP		
	1. Vedant Pimpalkhare (FYB.COM) D	2. Sourabh Parmar (SYBSC) A		
.Badminton:	WINNER	RUNNERUP		
	1. Omkar Salkar (11 <sup>th</sup> )	2. Sourabh Kasture (11 <sup>th</sup> )		
Table Tennis:	WINNER	RUNNERUP		
	1. Vikram Mauje (T.Y.B.Com (A))	2. Ajeesh Pillai (T.Y.BBA)		

Following students of our college were awarded 'Shiv Chatrapati Award' the most prestigious Sports award of the Government of Maharashtra:

- 1. Viraj Dhokle (S.Y.B.C.S.) Swimming
- 2. Komal Waghule (M.Com.-I) Handball
- 3. Umesh Zirpe (Alumni ) Adventure Sports

Prof. Pratima LonariProf. Vikram PhaleProf. P. G. DixitDirectorDirectorChairman G.M.C.