

1. Name of the department : Department of Zoology
2. Year of Establishment : 1st July 1978
Total Built-up area of the department in *sq. m.* : 164.00sq. mtrs.
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme	Level of study
UG	F. Y. B.Sc.
UG	S. Y. B.Sc.
Ph.D.	Registered Two Students

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

Particulars	Programme	Year
F. Y. B.Sc.	Semester	2010 Onwards
F. Y. B.Sc.	CBCS	2015 Onwards
S. Y. B.Sc.	Annual	2010-2011
S. Y. B.Sc.	Semester	2011 Onwards

5. Number of teaching posts

Particulars	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	01	-

6. 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. Mrs. S. S. Pawar	M.Sc. Ph.D.	Assistant Professor	Cell Biology	14	03 (Persuing Ph.D.)

7. Student -Teacher Ratio (programme wise)

Year	No. of Teachers	No. of Students		Ratio	
		F. Y. B.Sc.	S. Y. B.Sc.	F.Y.B.Sc.	S.Y.B.Sc.
2010-2011	1	31	14	1: 31	1: 14
2011-2012	1	34	17	1: 34	1: 17
2012-2013	1	32	18	1: 32	1: 18
2013-2014	1	54	19	1: 54	1: 19
2014-2015	1	59	28	1: 59	1: 28
2015-2016	1	82	47	1: 82	1: 47

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

Staff (technical)	01
Administrative staff	01

9. Qualifications of teaching faculty with : Dr. Mrs.S.S.Pawar -M.Sc. Ph.D. DSc/ D.Litt/ Ph.D/ MPhil / PG.

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

Funding agencies	Number of faculty	Grants received
University Grants Commission, New Delhi	01	12,80,800/-

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

Sr. No	Title	Funding Agency	Period	Grant / Amount Mobilized (Rs lakh)
1	Effect of Bacovide A on various organs of mouse during aging	University Grants Commission, New Delhi	3 Years	12,80,800/-

12. Research Centre /facility recognized : Yashwantrao Mohite College of Arts, Science and Commerce, Pune -411038. by the University

13. Publications:

- * a) Publication per faculty

Name of Faculty	Publication
Dr. Mrs.S. S.Pawar	16

- * Number of papers published in peer reviewed journals (national /international) by faculty and students

Dr. Mrs. S. S. Pawar	Total Publications Till Date				'h' Index
	International	National	Seminars/ Conferences	Total	2
	07	06	03	16	
	Total Paper Presentations in Conferences				RG Score
	International	National	State	Total	-
04	03	02	09		

- * 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.)

1. **S.S. Pawar, M.G. Jadhav** (2015). Determination and quantification of Bacoside A from *Bacopa monnieri* (L) by High Performance Thin Layer Chromatography. International Journal of Pharmacognosy and Phytochemical Research. Vol. 7 (5) 1060-65.

- * Monographs

- * Chapter in Books

- * Books Edited

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

- * Citation Index

- * SNIP : 0.376

- * SJR : 0.22

- * Impact factor : 1.341

- * h-index : 7

14. Faculty as members in

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

Name of Faculty : Dr. Mrs.S. S. Pawar

Sr. No.	Committees
1.	Meeting of Experts for preparation of Glossary of Environmental Science Government of India Commission for Scientific and Technical Terminology Ministry of HRD, Department of Higher Education, New Delhi.
2.	Institutional Ethics Committee.
3.	Board of studies of Life sciences of BVDU, Pune.
4.	Indian Aerobiological Society

15. Awards / Recognitions received by faculty and students

Name of Faculty	Recognitions
Dr. Mrs.S. S.Pawar	Ph. D. Guide Recognition

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

Sr.No	Dignitary's Name	Designation
1.	Prof.Prabhakar Ranjekar	Director, IRSHA,BVDU Pune.
2.	Dr. T. V. Sathe	Head Dept. of Zoology, Shivaji University, Kolhapur.
3.	Dr. Dilip Yardi	Member and Warden, Wild Life Board, Govt. of Maharashtra and Hon. Wild Life Warden, Aurangabad.
4.	Dr. R. M. Sharma	Scientist D, ZSI Section 29 Akurdi, Pune.
5.	Dr. K. S. Ramchandra Rao	Professor, Dept. of biotechnology Aurora's Technical Institute & Research Institute , Parvathatur,Uppal, Hyderabad.
6.	Dr. Erich Bharucha	Director, BVDU, Institute of Environment and Research, Pune.
7.	Hon. Prof. Manikrao M. Salunkhe	Vice Chancellor, Yashwantrao Chavan Maharashtra Open University, Nashik, Maharashtra
8.	Dr. Mahesh Shindikar	Assistant Professor, Dept. of Applied Sciences, College of Engineering, Pune, Member of MCZMA, Govt. of Maharashtra.
9.	Dr. V. B. Giri	Curator (Herpetology), National Center for Biological Sciences, Bangalore.
10.	Prof. Jagbir Singh Kirti	Head, Department of Zoology, Punjabi University, Patiala, Punjab.
11.	Dr. B. B. Nath	Professor & Former HoD, Department of Zoology, Coordinator-UGC Center for Advanced Studies, SPPU, Pune.
12.	Dr. D. B. Bastawade	Former Senior Scientist, Zoological Survey of

		India, Pune.
13.	Dr. S. S. Kharat	Principal, Modern College of Arts, Commerce and Science, Ganesh Khind, Pune.

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

Sr No.	Name of the Faculty	Acted as Convener Organising Secretary	Event Title	Funding Agency	Date
1	Dr. Mrs. S. S. Pawar	Organising Secretary	National Seminar on Biodiversity: Conservation and Protection	University Grants Commission	13 th & 14 th March 2012
2	Dr. Mrs. S. S. Pawar	Organising Secretary	National Seminar on Current Trends in Biodiversity Conservation and Climate Change	University Grants Commission	24 th & 25 th Feb. 2016

18. Student profile programme /course wise:

Year	Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage		
				*M	*F			
2010-2011	F. Y. B.Sc.	38	31	10	21	Sem I	Z 11	87.5
							Z 12	87.5
						Sem II	Z 21	100
	Z 22	100						
	S. Y. B.Sc.	19	14	09	05	Annual	Z III	71.43
							Z IV	78.57
Practical							91.67	
2011-2012	F. Y. B.Sc.	37	34	18	16	Sem I	Z 11	68.42
							Z 12	78.95
						Sem II	Z 21	93.94
	Z 22	96.97						
	S. Y. B.Sc.	20	17	11	06	Sem III	Z 31	82.35
							Z 32	100
Sem IV						Z 41	100	
	Z 42	100						
2012-2013	F. Y. B.Sc.	38	32	19	13	Sem I	Z 11	85.71
							Z 12	85.71
						Sem II	Z 21	88.24
	Z 22	90.91						
	S. Y. B.Sc.	22	18	08	10	Sem III	Z 31	94.44
							Z 32	94.44
Sem IV						Z 41	100	
	Z 42	100						

						Practical II	100	
2013-2014	F. Y. B.Sc.	60	54	28	26	Sem I	Z 11	74.14
							Z 12	86.21
						Sem II	Z 21	96.29
							Z 22	92.59
							Practical I	100
	S. Y. B.Sc.	24	19	10	09	Sem III	Z 31	95
							Z 32	90
						Sem IV	Z 41	100
Z 42							100	
						Practical II	100	
2014-2015	F. Y. B.Sc.	60	59	29	30	Sem I	Z 11	68.33
							Z 12	53.33
						Sem II	Z 21	93.22
							Z 22	88.14
							Practical I	100
	S. Y. B.Sc.	30	28	16	12	Sem III	Z 31	92.86
							Z 32	82.14
						Sem IV	Z 41	100
Z 42							100	
						Practical II	100	
2015-2016	F. Y. B.Sc.	85	82	31	51	Sem I	Z 11	79.27
							Z 12	91.46
	S. Y. B.Sc.	50	47	21	26	Sem III	Z 31	93.88
							Z 32	83.67

*M = Male *F = Female

19. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
------	--------------------	-----------------------------------	---------------------------------	---------------------------

2010-2011	F. Y. B.Sc.	31	Nil	Nil
	S. Y. B.Sc.	14	Nil	Nil
2011-2012	F. Y. B.Sc.	31	02	01
	S. Y. B.Sc.	14	02	01
2012-2013	F. Y. B.Sc.	30	02	Nil
	S. Y. B.Sc.	16	02	Nil
2013-2014	F. Y. B.Sc.	49	01	04
	S. Y. B.Sc.	19	Nil	Nil
2014-2015	F. Y. B.Sc.	58	01	Nil
	S. Y. B.Sc.	28	Nil	Nil
2015-2016	F. Y. B.Sc.	79	02	01
	S. Y. B.Sc.	46	01	Nil

20. Student progression

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

21. Details of Infrastructural facilities

- Departmental Library : Number of Books -54.
- Internet facilities for staffs and students : Computers with Internet -02
- Classroom/Laboratories with ICT facility : 02 Laboratories.
- Laboratories : Laboratory – I :59 sq. mtrs., Laboratory – II: 59 sq. mtrs., Museum : 23 sq. mtrs.

22. Details on student enrichment programmes (special lectures / workshop /seminar) with external experts

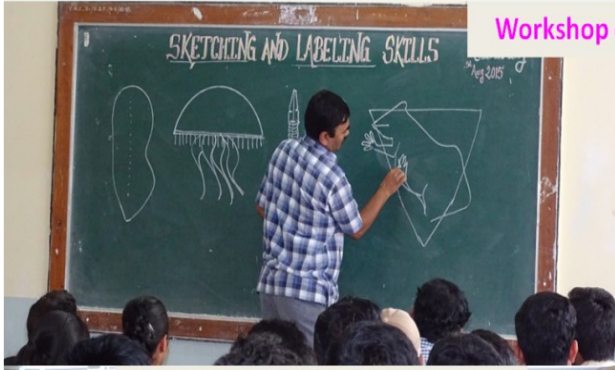
Sr. No.	Student Enrichment Programmes	Date
1	Arranged study tour for F. Y. B.Sc. and S. Y. B.Sc., At Wai Sericulture center and Mahabaleshwar	15 th Sept. 2012

2	Arranged study tour for F. Y. B.Sc. and S. Y. B.Sc., At Wai Sericulture center and Mahabaleshwar	11 th Sept. 2014
3	One Day Workshop on ‘ Scientific Sketching and Labeling Skills’ has been organized for B.Sc. students.	1 st Aug. 2015

23. Teaching methods adopted to improve student learning
- ICT based Teaching.
 - Arrangement of group discussions and workshops.
 - Organization of excursion tours to study fauna of forest, fresh water, marine water, Vermiculture and Sericulture Centers.

HIGHLIGHTS OF THE DEPARTMENT

- Teaching faculty is well qualified and engaged in active research.
- Dr. Mrs. S. S. Pawar has sixteen research papers to the credit.
- One ongoing Major Research Project funded by University Grants Commission, New Delhi, entitled Effect of Bacoside A on various organs of mouse during aging.
- Organization of seminars, conference and workshops.
- The department is well equipped with ICT facilities.
- Depart has departmental library and a museum with some rare specimens.
- ICT based Teaching.
- Organization of excursion tours to study fauna of forest, fresh water, marine water, and vermiculture and sericulture centers.
- Syllabus of Zoology is regularly updated.
- Applied courses included in the syllabus along with other courses which are useful to the students for the self employment and society :
 - Vermiculture Biotechnology
 - Sericulture
 - Medical Zoology –Human Parasitology
 - Physiology and Biochemistry
 - Apiculture
 - Inland Fisheries and aquarium fish keeping



Workshop on Sketching & Labeling Skills in Zoology



Well equipped laboratory



ICT based teaching



Visit at Wai sericulture center

