

## Evaluative Report of the Botany Department

1. Name of the department : **BOTANY**
2. Year of Establishment : **1975-76**
3. Name of Programs /Courses offered (UG, PG, M. Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG: B.Sc. PG: M. Phil., Ph.D.**
4. Names of interdisciplinary courses and the departments/units involved : **Biotechnology, Zoology, Botany, Chemistry, B. Pharm.**
5. Annual /semester /choice based credit system (Program wise) : **Semester and CGPA**
6. Participation of the department in the courses offered by another departments : **English, Marathi, Physics, Zoology, Environmental Studies, Chemistry, Microbiology, Biotechnology.**
7. Courses in collaboration with the other universities, industries, foreign institution, etc. : **Nil**
8. Detail of courses /programs discontinued (if any) with reasons : **Nil**
9. Number of teaching posts

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

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

Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of PhD Students Guided for the last 4 year
Dr.B.R.Kamble	M.Sc., Ph.D.	Associate Professor	Plant Pathology	27	Nil
Dr.R.M. Bagul	M.Sc. ,Ph.D. F.B.S.	Assistant Professor	Angiosperm Taxonomy	19	01+02--
Mrs.Varsha Malke	M.Sc.,B.Ed	C.H.B	Algae	02	Nil

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

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty Year Wise 2011-12,2012-13

Course	Theory	Practical
B. Sc.	20%	15 %

13. Student-Teacher Ratio (Program wise) :

Course	Number of faculties	Number of Student	Ratio
B. Sc.	3	204	68 :1

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

Post	Post sanctioned	Post filled
Lab Assistant	1	1
Lab Attendant	1	1
Peon	0	0

15. Qualification of teaching faculty with D. Sc./D.Lit/Ph.D/M.Phil/PG.

Qualification	No. of Faculty
M.Sc., Ph.D.	02
M.Sc., B.Ed.	01

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

Name of the Faculty	Title of project	Funding Agency	Grant received	Duration
Dr. R. M. Bagul (Major)	Floristic studies On Satpuda forest Ranges.	UGC	Applied	Three Years

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

Number of the project	Title of project	Funding Agency	Total Grant received
01	Studies of medicinal plants of Satpuda ranges of Jalgaon Dist.	UGC	60,000/-

18. Research Centre / faculty recognized by University :

Name of the Faculty	PG Recognition		Research Lab Recognition
	M.Phil	Ph.D	
Dr. B. R. Kamble	Yes	No	Yes
Dr. R. M. Bagul	Yes	Yes	

19. Publications :

- Publication per faculty
- Number of papers published in peer reviewed journals (b1.national / b2.international , b3 Conference proceeding) by faculty and students
- 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.)

Faculty	a	b1	b2	b3	c
Dr.B.R.Kamble	05	03	00	02	---
Dr.R.M.Bagul	31	01	08	22	08

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

21. Faculties as members:

- National committees-
- International Committees
- Editorial Boards-

Faculty Name	Membership of	National/International / editorial Boards	Duration
Dr. R. M. Bagul	Fellow of Indian Botanical Society Barielly	National	Life member
	Society of Plant reproductive Biology Agra	National	2010 to 2013
	Plant Archives International journal of plant research	International	Life member
	JIBS Barielly	National	Life member
	WJPR	National	Annual Member 2013-14
Dr. B.R. Kamble	Indian Botanical Society	National	Life member

22. Student projects

- Percentage of students who have done in house projects including inter departmental/program : **100%**
- Percentage of students placed for projects in organizations outside the institution i.e. in Research /Industry /other agencies : **Nil**

23. Awards/Recognitions received by faculty and students –

Faculty Name	Award/ Recognition	Agency
Dr.B.R.Kamble	C.S.I.R	New Delhi. India
	Best Officer	Cast Tribe organization, Jalgaon
	Medal	Dalit Sahitya Academy, New Delhi
	M.Phil & P.G.	NMU Jalgaon
Dr.R.M.Bagul	Rashtriya Gaurav Award	IIFS, New Delhi, India
	F.B.S	Indian Botanical Society, Barielly,
	Environmental Expert, 2007.	MOEF, Govt. of India
	Ph.D., M.Phil. & P.G.	NMU, Jalgaon

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

Name	Position
Dr. S. S. Yadav	Professor, Z B Patil College Dhule, (Florestics Studies)
Dr. G.S. Chaudhari	Professor, M.J.College Jalgaon, (Grasses)

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

- a) National : Nil  
b) International : Nil

26. Student profile program / course wise

Name of the course/program (refer question no.4)	Applications received	Selected	Enrolled		Pass percentage
			Male	Female	
FY B. Sc.	130	130	72	58	96
SY B. Sc.	74	74	34	40	98

27. Diversity of students:

Name of the course	% of students from the same state	% of the students from other State	% of the students from abroad
FYB. Sc.	100	-	-
SYB.Sc	100	-	-

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

29. Student Progression:

Students Progression	Against % enrolled
UG to PG	100
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 Infrastructure facilities:

- a) Library: **Central Library has No of Books 1524**  
b) Internet facilities for self & Students: **Internet connection is available with one Node.**  
c) Class rooms with ICT facility: **We use to make arrangement of ICT facilities in the existing class rooms, as per requirement.**  
d) Laboratories :**LAB1:  $7.5 \times 7.5 = 56.25$  Sqr mt**  
**LAB2:  $7.5 \times 4.5 = 33.75$  Sq.mt**

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

Total No. of Students	College (Earn and learnScheme)	University (Poor Boys Fund)	Government (GOI)
204	03	--	176

32. Details on student enrichment programs (special lectures / workshop / seminars) with experts: **Nil**
33. Teaching methods adopted to improve student learning
  - The LCD and OHP are used for making teacher learning easy for students.
  - Materials like animation; video lectures etc. are used to simplify the concept of subject.
  - Organizing lectures, seminars, quiz, etc.
  - Organizing Botanical excursion tours.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
  - Actively Participation in Blood donation camp.
  - Actively Participation in Plantation Campaign
35. SWOC analysis of the department and future plans.

**Strengths:**

- Skill of staff
  - Recognised Research Guides,
  - Recognised Research Lab.
- Instrumentation facilities available in department
  - Tilak Air Sampler,
  - Digital Field Photographic Camera,
  - P.C.,
  - Rotorod Sampler,
  - Inoculation Chamber

**Weaknesses:**

- No T.Y.B.Sc.

**Opportunities:**

- Research opportunities in various areas and also at national & international institutes

**Challenges:**

- No any threats

**Future plan:**

- To Organize National Conference and
- Workshops like Syllabus framing and Practical.