

## Evaluative Report of Botany Department

### Faculty Profile

Botany department is one of the major departments in our college. There are two members in the department with different specialty areas.

- 1. Name of the Department:** Department of Botany
- 2. Year of Establishment:** July 1990
- 3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.) :**
  - UG (Botany) Subsidiary up to SYBSc level
- 4. Names of Interdisciplinary courses and the departments/units involved:** Nil
- 5. Annual/ semester/choice based credit system (Programme wise)**
  - UG (Botany) –CBCS (Credit Based Grading System (C7525)
- 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	Nil	Nil
Associate Professors	1	1
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
Mr.S.M.Naikade	M.Sc.	Assot.Prof	Botany	24	-
Mrs. S.S.Pitale	M.Sc.	Asst. Prof.	Botany	22	-

**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)**

➤ UG – 65/2 i.e. 33:1 (35+30)

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

Support staff (technical) (lab Attendant)		Administrative staff (Lab Assistant)	
Sanctioned	Filled	Sanctioned	Filled
01	01	01	01

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

As mentioned in the point No. 10

**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:**

- **Publication per faculty: Nil**
- **Number of papers published in peer reviewed journals (National / International) by faculty and students: Nil**
- **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.): Nil**
  - **Monographs: Nil**
  - **Chapter in Books: Nil**
  - **Books Edited: Nil**
  - **Books with ISBN/ISSN numbers with details of publishers: Nil**
  - **Citation Index: NA**
  - **SNIP: NA**
  - **SJR: NA**
  - **Impact factor: NA**
  - **h-index: NA**

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

**21. Faculty as members in**

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

**22. Student Projects**

**Percentage of students who have done in-house projects including inter departmental / programme: Nil**

**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

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

26. Student profile programme/course wise:

Sr. No.	Year	Name of the Course / Programme	Applications received	Selected	Enrolled		Pass percentage
					*M	*F	
01	2010-11	F.Y.B.Sc	35	35	19	16	
		S.Y.B.Sc	26	26	09	17	
02	2011-12	F.Y.B.Sc	30	30	08	22	Sem I – 40% Sem II – 45%
		S.Y.B.Sc	26	26	11	15	
03	2012-13	F.Y.B.Sc	47	47	15	32	Sem I – 25.53% Sem II – 27.66%
		S.Y.B.Sc	30	30	07	23	Sem III – 63.33% Sem IV – 86.67%
04	2013-14	F.Y.B.Sc	35	35	10	25	Sem I – 11.43% Sem II – 31.43%
		S.Y.B.Sc	37	37	09	28	Sem III – 63.89% Sem IV – 63.89%
05	2014-15	F.Y.B.Sc	46	46	11	35	Sem I – 21.74% Sem II – 47.83%
		S.Y.B.Sc	25	25	05	20	Sem III- 58.33% Sem IV- 62.05%

\*M = Male \*F = Female

**27. Diversity of Students**

Name of the Course	Year	% of students from the same state	% of students from other States	% of students from abroad
B. Sc.	2014-15	99	1	Nil
M. Sc.	Nil	Nil	Nil	Nil

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

**29. Student Progression**

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

**30. Details of Infrastructural facilities**

a) **Library:** NA

b) **Internet facilities for Staff & Students:** Yes. Internet facility for only staff with dongle. Free of cost internet facility is available in library for students.

c) **Class rooms with ICT facility:** No, ICT separately but, sharing is possible facility. Dimensions are as follows- 23.8 Ft X 32.10 Ft = 763.9 Sq. Ft

d) **Laboratories:** We are having well furnished & well equipped laboratories for UG Courses. Dimensions are as follows - **Major Lab:** 20 ft. X 23.7 ft = 474 Sq.ft.

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

Yes. Scholarships are given as per rules & regulations of Govt. of Maharashtra.

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

Yes. Details are as follows

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

- Techniques like use of scientific models, PPT presentations, AV presentations, group discussions.

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

- Students & staff of department participate in the activities like Blood donation, cleaning campaign, through the programmes like NSS.
- Department also designed a plant for rain water conservation. All distilled water demand is fulfilled using this water.

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

**Strengths:**

- Department has spacious laboratory.
- Department has adequate instruments.
- Department has charts, displays as teaching aid.
- ICT room is available on sharing basis.

**Weakness:**

- Space is the major constraint in the development.
- We require more number of smart classrooms for UG classrooms.
- No. Separate ICT room.

### **Opportunities:**

- Pen taluka is rich in bio-diversity so, subject has good scope.
- Our college is situated near to sanctuary so projects related to sanctuary study can be carried out.
- Graduate courses can be started in future.

### **Challenges:**

- To motivate the students who are having weak socio-economical background for taking higher education.
- To enhance the research activity in the department.

### **Future Plans:**

To initiate the collaborative activities with other colleges under Mumbai University and other authorities such as forest department.

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