

DEPARTMENT OF BIOTECHNOLOGY

1. **Name of the Department** : **Biotechnology**
2. **Year of Establishment** : **2008**
3. **Courses/ Programmes offered** : **U.G.**
(U.G., P.G., M.Phil., Ph.D. etc.)
4. **Interdisciplinary courses and departments involved:** Microbiology
5. **Annual semester/ choice based credit system:** Semester and credit system
6. **Participation of the department in the courses offered by other departments:**
Microbiology
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.-**
NA
8. **Details of courses/programmes discontinued (if any) with reasons-** **NA**

9. No. of teaching posts sanctioned and filled:

Post	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	Nil	Nil
Assistant Professor	Nil	Nil
Others(contract basis)	03	02

10. Faculty profile with name, qualification, designation, experience and research under guidance:

Name	Qualification	Designation	Specialization	Experience	Ph.D students last 5 years
Mr. Hitendra P. Jadhav	M.Sc.	Asst. Prof.	Biotechnology	3	Nil
Mr. Ganesh S. Badgajar	M.Sc.	Asst. Prof.	Biotechnology	2	Nil

11. **Visiting Faculty:** Nil
12. **Percentage of classes taken by temporary faculty- program wise information:** Nil
13. **Ratio student to teacher :** 19:1
14. **No. of Non teaching staff:** 01
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.-** Nil
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-** NA
19. **Publications-** NA
20. **Areas of consultancy and income generated:** NA
21. **Faculty as members in academic bodies:** NA
21. **Details of patents and income generated:** NA
22. **Student projects:** NA

23. Awards/honours received by individual teachers/ students: NA

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

25. Seminars/ conferences/ workshops organized and the source of funding with details of outstanding participants, if any: NA

26. Student profile programme/course wise:

Year	Name of the Course/ programme	Applications received	Selected		Pass percentage
			Male	Female	
2011-12	F.Y.B.Sc.	22	16	06	45.35
	S.Y.B.Sc.	14	04	10	42.85
	T.Y.B.Sc.	--	--	--	--
2012-13	F.Y.B.Sc.	36	21	15	65
	S.Y.B.Sc.	10	08	02	54
	T.Y.B.Sc.	09	03	06	50
2013-14	F.Y.B.Sc.	29	19	10	72
	S.Y.B.Sc.	14	06	08	65
	T.Y.B.Sc.	08	04	04	40
2014-15	F.Y.B.Sc.	29	13	16	75
	S.Y.B.Sc.	05	03	02	65
	T.Y.B.Sc.	05	03	02	51
2015-16	F.Y.B.Sc.	27	12	15	77.77
	S.Y.B.Sc.	10	04	06	80
	T.Y.B.Sc.	2	00	02	50

27. Diversity of students:

Year	Total no. of F.Y.B.Sc. students	% of %students from home college	Others		
			% of students from Maharashtra	% of students from other states	% of students from other country
2011-12	22	50	90	10	
2012-13	36	45	82	18	
2013-14	29	54	75	25	
2014-15	29	42	85	15	
2015-16	27	44	75	25	Nil

28. Number of students passed in NET/SLET etc. (Last 5 years): Nil

29. Student progression:

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

30. Present details about infrastructural facilities:

- **Library: No**
- **Internet facility for staff and students: Yes**
- **Students laboratories: 02**
- **Research laboratories: Yes**
- **Class rooms with ICT facility: No**

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

32. Faculty recharging strategies:

Seminars/conferences attended by faculty:

• **Conference Attended:**

- Participated in “NATIONAL CONFERENCE ON MICROBIAL BIOTECHNOLOGY: CLUSTERING RESEARCH AND INDUSTRIAL DEMAND” at Gujarat University, Ahmedabad, 20th and 21st Feb 2016.

• **Workshop attended:**

- GC/GCMS workshop at SIES institute of chromatography and spectroscopy, Nehrul, Navi Mumbai on May 13-15 2015.
- HPLC/UV-VIS/FTIR workshop at SIES institute of chromatography and spectroscopy, Nehrul, Navi Mumbai on May 20-22 2015.

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

- Seminar arranged on various topics.
- Guest lecture arrange on various topics.
- Seminar, Group discussion, Home assignments etc. are regularly conducted for UG students.

34. Teaching methods adopted to improve student learning:

Chalk and Board method

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

- In addition to regular academic activities, the students and the faculty frequently participate in the social activities and the programs organized by the college for the welfare of weaker section of the society.
- To promote environmental awareness, our department participated in “One Student-One Tree” campaign.
- Faculty of our department actively participated in “Biodiversity Audit”.
- With NSS volunteers faculties have actively participated in various social activities viz. Environment Awareness, AIDS awareness and Blood Donation camps, save water drive, involvement in rallies against social evils.

36. SWOC analysis of the department and Future plans

- **Strength:**
 - Sufficient infrastructure
- **Weaknesses:**
 - Lack of permanent staff
- **Opportunities:**
 - Planning to arrange campus interviews
- **Challenges:**
 - To increasing the strength of students.