

## DEPARTMENT OF BOTANY

1. Name of the department :BOTANY
2. Year of Establishment :1992
3. Names of Programmes/Courses offered (UG,PG,M.Phil.,Ph.D., Integrated Masters ;Integrated Ph.D.,etc.) : UG
4. Names of Interdisciplinary courses and the departments/units involved : NIL
5. Annual/semester/choice based credit system(programme wise) : Semester
6. Participation of the department in the courses offered by other departments: YES
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NA
8. Details of courses/programmes discontinued (if any) with reasons : NA
9. Number of Teaching posts

| Designation                | Sanctioned | Filled |
|----------------------------|------------|--------|
| <b>Professors</b>          | --         | --     |
| <b>AssociateProfessors</b> | 01         | 01     |
| <b>Asst.Professors</b>     | 01         | 01     |

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

| Name                     | Qualification | Designation      | Specialization | No.ofYears of Experience | No.ofPh.D.Student Guided |
|--------------------------|---------------|------------------|----------------|--------------------------|--------------------------|
| <b>Dr.(Mrs.)V.sarada</b> | Ph.D.         | Asso.Professor   | Mycology       | 22 years                 | ----                     |
| <b>Dr.V.S.Chavan</b>     | Ph.D.         | Assist.Professor | Phycology      | 18 years                 | ----                     |

11. List of senior visiting faculty : NA

12. Percentage of lectures delivered and practical classes handled (programme wise)  
By temporary faculty : NA
13. Student-Teacher Ratio(programme wise) : 30:1
14. Number of academic support staff (technical)and administrative staff; sanctioned and filled : 02. Filled: 02
15. Qualifications of teaching faculty with DSc/ D.Litt/Ph.D/MPhil/PG. : Ph.D.
16. Number of faculty with ongoing projects from a)Nationalb)International funding agencies and grants received : NA
17. Departmentalprojectsfundedby DST-FIST;UGC, DBT, ICSSR,etc.andtotal grantsreceived : NA
18. ResearchCentre/facilityrecognizedbytheUniversity : NA
19. Publications:
  - \* a) Publicationperfaculty : 20
  - \* Number of papers published in peer reviewed journals(national/international) by faculty and students : 20
  - \* 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.) : NA
  - \* Monographs : NA
  - \* Chapter in Books :NA
  - \* Books Edited : NA
  - \* Books with ISBN/ISSN numbers with details of publishers: \_\_
  - \* Citation Index :
    - \*SNIP :
    - \*SJR :
    - \* Impact factor :
    - \*h-index :
- 20.Areas of consultancy and income generated : NIL
21. Faculty as members in  
a)National committees b)International Committees c)EditorialBoards....
- 22.Student projects  
A)Percentage of students who have done in-house projects including interdepartmental /programme  
b)Percentageof students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies
23. Awards/Recognitions received by faculty and students : YES

24. List of eminent academicians and scientists/visitors to the department.
25. Seminars/Conferences/Workshops organized & the source of funding  
 a) National : NA  
 b) International: NA
26. Student profile programme/coursewise: - NA
27. Diversity of Students:

| <b>Name of the Course</b> | <b>% of students from the same state</b> | <b>% of students from other States</b> | <b>% of students from abroad</b> |
|---------------------------|--|--|----------------------------------|
| <b>F.Y. B.Sc</b>          | 99%                                      | 1%                                     | NIL                              |
| <b>S.Y.B.Sc.</b>          | 99%                                      | 1%                                     | 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

| <b>Student progression</b>   | <b>Against % enrolled</b>             |
|--|---------------------------------------|
| <b>UG to PG</b>  | 3%                                    |
| <b>PG to M.Phil.</b>   | NIL                                   |
| <b>PG to Ph.D.</b>   | NIL                                   |
| <b>Ph.D. to Post-Doctoral</b>  | NIL                                   |
| <b>Employed<br/>Campus selection<br/>Other than campus recruitment</b> | About 50 students have been employed. |
| <b>Entrepreneurship/Self-employment</b>                                | NIL                                   |

30. Details of Infrastructural facilities
- a) Library : YES. 100 Books in Departmental 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 : 50 students
32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts : NIL

33. Teaching methods adopted to improve student learning : Demonstration and explanation with power point and LCD facilities.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities :  
Our students actively participate in various projects related to social activities and extension activity.
35. SWOC analysis of the department and Future plans :

**Strengths:**

- ❖ A highly motivated team of well qualified and subject specialized academic staff.
- ❖ Well-equipped, spacious, Classrooms and laboratories.
- ❖ All the faculties engaged in research work.
- ❖ Consultancy services
  - Bio fertilizer
  - Soil testing

**Weaknesses:**

- ❖ No third year B.Sc. program in botany in the institute.

**Opportunities:**

- ❖ To Organize national level Conference, seminars and workshops.
- ❖ To take the various grants from UGC, DST and CSIR for minor and major research projects.
- ❖ Development of the research lab.

**Challenges:**

- ❖ To inculcate Research temper among students.
- ❖ To enhance employability of students.
- ❖ To improve the writing and Communication Skill of the students.

**Future Plans:**

- ❖ To start T.Y.B.Sc program in botany.
- ❖ To increase number of Research Projects.
- ❖ To organize National/International level conference.
- ❖ To organize Programs on personality development.
- ❖ To increase nature trails.