

Department of Botany at a Glance

- ❖ **Year of establishment:** UG 1982, B. Sc. III 2013, Research Recognition 2013
- ❖ **Infrastructure:** Labs 3, Shade House 1
- ❖ **Research Instruments:** Laminar Air Flow (Centrally Available), Double Beam Spectrophotometer, Centrifuge, Soil & Water Analysis Kit, Trinocular and Stereoscopic Microscopes.
- ❖ **Learning Resources:** Ref. Books 336, Text Books 237, Pract. Books 70, Journals 12 N-LIST Online Journals, e-books.
- ❖ **Working Faculties:** Teaching Staff 05,(03 Ph. D.), Nonteaching staff 03
- ❖ **Student's profile:** Every year 100% Result, 06 students registered for Ph. D.
- ❖ **Faculties contributed in designing of curriculum in Shivaji University, Kolhapur:** 03 Research Guides, BOS Members, Paper setters.
- ❖ **Results and Students Progression:** : 33 % (07 out of 21)
- ❖ **Research Activities:** MRP Completed 05, MRP Ongoing 01.
- ❖ **Research Papers Published:** International 43, National 39
- ❖ **Conferences/ Seminars and Workshops Abstracted:** International 16, National 44
- ❖ **Conferences/ Seminars and Workshops attended:** 58
- ❖ **Books Published:**05
- ❖ **Teacher's Achievements:** Awards: 03(1 National), Fellowships 03 National.
- ❖ **Consultancy:** Agriculture , Environment protection and Plantation , Remote Sensing and Coastal Ecology, Identification, Cultivation and Conservation of Medicinal Plants, Organic Farming, Cropping Pattern, Irrigation Methods, Bio control and Pest Management, Supply of Pure Culture of *Trichoderma* and Isolates of *Fusarium*.
- ❖ **Remedial Teaching for slow learners:** Yes
- ❖ **Interactive teaching Methods:** PPT Presentation by LCD Projector, Surprise Test , Group Discussion, Seminar, Lecture, Use Of Charts Slides, Models, Field visits.
- ❖ **Evaluation Methods:** Unit Tests, Class Tests, Seminars.
- ❖ **Student's Achievements:** Ist and IIIrd Prize winner in State Level Competition.
- ❖ **Conference/ Workshop Organized:** 01 National (Interdepartmental) 02 Seminars University Level.
- ❖ **Innovative Activities:** New Horizon, Green College Project- Women Park, Collection and Preservation of medicinal plants.
- ❖ **Departmental Strengths:** All faculties with Ph. D. engaged in active research, Laboratory recognized for M. Phil. And Ph. D. research work, 05 Minor Research Project completed and 01 is ongoing, consistently good results.
- ❖ **Future Plans:** To help the farmers for checking the whole soil health,
 - To introduce a short term applied courses
 - To initiate collaborative and interdisciplinary research activities
 - To organize a International Conference
 - Commercial Production of Pure Microbial Cultures
 - To prepare Biodiversity Register of Tasgaon Jurisdiction
