



Late. Bhmirao Chavan Art's & Science College Chavhanwadi, (Barhali) Tq.Mukhed Dist.Nanded -431715

- ▶ **Department of Botany**
- ▶ **NAAC PEER TEAM**
- ▶ **Cycle – 1st**



Shri. Pawar S. P.
Asst. Professor (Ad-Hoc)
Botany Department

Introduction to the Department

- ▶ • Established in 1998
- ▶ • Vision: Foster knowledge in plant science for sustainable development
- ▶ • Mission: Promote academic excellence, research, and environmental responsibility
- ▶ • Achievements: University ranks, successful alumni, green initiatives



Department of Botany – Student Strength Overview

- ▶ Number of Students in Recent Years:
 - ▶ • First Year (FY): 63 Students
 - ▶ • Second Year (SY): 30 Students
 - ▶ • Third Year (TY): 31 Students
- ▶ Note: Department is expanding its intake and progressing steadily toward offering third-year classes in upcoming academic sessions.

Core Subjects in B.Sc. Biology

- ▶ • Genetics – Mendelian laws, molecular genetics
- ▶ • Ecology – Ecosystems, biodiversity
- ▶ • Physiology – Photosynthesis, respiration
- ▶ • Taxonomy – Classification of plants
- ▶ • Cell Biology – Plant cell structure



Laboratory Facilities

- ▶ • General Botany Lab
- ▶ • Plant Physiology Lab
- ▶ • Biotechnology Lab
- ▶ • Student Experience: Microscopy, biochemical tests, DNA extraction

Field Work & Projects

- ▶ • Herbarium collection
- ▶ • Visits to botanical gardens, nurseries
- ▶ • Special Projects: Medicinal plants, green campus

Student Activities

- ▶ • Green Leaf Club, Bio-fests
- ▶ • Seminars, eco-campaigns, essay competitions
- ▶ • Workshops: Tissue culture, floriculture

Future Prospects

- ▶ • Higher Studies: M.Sc., NET, GATE
- ▶ • Careers: Researcher, Biotechnologist, Forest Officer
- ▶ • Placements: NGOs, agro-industries

Future Plans

- ▶ • Start certificate courses
- ▶ • Botanical garden development
- ▶ • Industry collaborations
- ▶ • Interdisciplinary research



Thank You