

## Highlights of the Department (2019-2024)

### About Department

**Establishment: 1962**

#### Programmes Offered

B. Sc. Botany : From 1962  
M. Sc. Botany : From 2010  
Ph.D. Botany : From 2007

### Departmental Profile

**Prof. (Dr.) Bhagawan Mali,**  
M.Sc., Ph.D.

**(Head of the Department)**

**Prof. (Dr.) Mahadev Kanade,**  
M.Sc., Ph.D.

**Prof. (Dr.) Ajit Telave,**  
M.Sc., Ph.D.

**Dr. Rupali Chitale,**  
M.Sc., B.Ed., Ph.D.

(Dept. IQAC Coordinator)

**Dr. Madhuri Patil,** M.Sc., Ph.D.  
(Dept. PG Coordinator)

**Mr. Prasad Bankar,** M.Sc.

**Mr. Sourabh Chandankar,**  
M. Sc.

**Mr. Sangram Thorat,** M. Sc.

**Mr. Supriya Thombare,** M. Sc.

**Mr. Sourabh Jagtap,** M. Sc.

### Achievements

#### Students Awards :

**Best Paper Presentations  
Awards in Conferences : 08  
Patent Granted : 03**

#### Faculty Awards :

**Best Paper Presentations  
Awards in Conferences : 04  
Patent Granted : 04**

**Students Awarded Ph.D.: 12**

**Books Published : 04**

### Scan for More Details



### Contact:

Website -  
<https://www.tccollege.org/departments/science/streams/>  
Email - [hodbotanytcc@gmail.com](mailto:hodbotanytcc@gmail.com)  
**Mobile: 9822218249**

### Curricular Aspects

- Development of PSOs & COs
- Curriculum Design, Development & Revision
- Curriculum Focuses on Skills & Employability
- Curriculum is as per NEP-2020 & integrates cross-cutting issues
- New Courses Introduced: 138
- Offered Courses: 172
- Courses with FP/RP/Summer Training: 04
- No. of Certificate Courses: 03
- Feedback on curriculum is regularly obtained

### Teaching-Learning & Evaluation

- Number of Students: 138 (UG+PG)
- Number of Teachers: 10
- Students-Teacher Ratio: 13.8
- Number of Teachers with Ph.D.: 05
- Pass % of students: 94%
- Assessment of learning levels of students
- Bridge and Remedial courses: 10
- Use of student centric methods & ICT tools
- Implementation of Mentor-Mentee Scheme
- Academic Calendar & Teacher Diary
- CO-PO Mapping and its attainment

### Research, Innovations & Extension

- Seed Money Granted: Rs. 2.20 Lakhs
- Research Funds Received: Rs. 27.31 Lakhs
- Number of Research Projects Completed: 04
- Research Guides: 04
- Students Registered for Ph.D.: 24
- Students Awarded Ph.D. : 12
- Students Received Ph.D. Fellowships : 43
- Research Paper Published: 63
- Participated in Conferences/Seminars etc: 85
- Books Published: 04
- Book Chapters Published: 11
- Patent Granted: 04
- Number of Citations: 465
- h-Index of the Department: 31
- Number of Extension Activities: 04
- Number of Functional MoU: 03

### Infrastructure & Learning Resources

- Number of Well-Equipped Laboratories: 04
- Computers, Laptops, Projectors: 8, 9 & 4
- Internet Facility: Available
- Books & Journals in Dept. Library: 230 & 02
- Budget of the Department: Rs. 24.68 Lakhs
- Number of E-content developed: 160
- SOPs for Laboratory Equipments
- Stock Register

### Student Support & Progression

- Career counselling activities: 03
- Skill Enhancement activities: 08
- Percentage of Placement: 51.14
- Percentage of Progression to HE: 48.85
- Students qualified SET/NET/State/Central Govt. Exams: 35
- Awards to Students: 08
- Webinar & Workshops Organized: 01 & 15
- Hands-On-Training Organized: 03
- IQAC Youth Festival Activities: 06
- Alumni Contribution: Rs. 1.17 Lakhs
- Activities by Alumni: Medicinal Plants Donation, Annual Alumni Meet
- Academic & Financial Support to Students

### Governance, Leadership & Management

- Short Term & Long Term Perspective Plan
- Felicitation of Staff on Achievement
- Completed Academic & Administrative Audit
- Number of Member of Academic Bodies: 09
- Number of FDPs Completed by Staff: 18

### Best Practices

- Plant of the Week
- Maintenance of Kavivarya Moropant Botanical Garden : Running of Surabhi Nursery
- Maintenance of Herbaria

### Distinctiveness of the Department :

- *In-Vivo & In-Vitro* Biodiversity Conservation
- Organic Farming
- Hydroponics Technique
- Vermicomposting Technique
- Herbal Cosmetics
- Mushroom Cultivation