



!! सिद्धिनेकान्तात् !!

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati



- Affiliated to Savitribai Phule Pune University, Pune (M.S.) India •
 - Empowered Autonomous •
 - Religious Minority Institution •
- NAAC REACCREDITED 'A+' Grade (CGPA 3.55) •
- Website : www.tccollege.org •

Department of Botany



DEPARTMENT PROFILE

The department of Botany established in June 1962, with commencement of the college. The undergraduate degree programme in Botany was started in June 1981 and the Post-graduate degree programme was commenced in June 1992 which was later enriched by adding specialization in Plant Physiology, Mycology, Bryology and Taxonomy. Recognition for Ph.D. research centre in August, 2007 from Savitribai Phule Pune University Pune. Till the year May 2023 the total 12 research students have been awarded Ph.D. degree. Currently 64 research scholars have been working for their doctoral research under 14 recognized Guides. The faculty have been received 17 research projects from state and national level from funding agencies like UGC, DST, BCUD SPPU, Mangrove Foundation (NGO) and Seed Money for Minor projects from college which is in total 69,31,000/- rupees and all these projects have been successfully completed. The department organized a National conference in 2012, International conference in 2016, National Webinar in 2020 and Hundreds of Workshops and Hands on Training Programmes.

VISION

- To be distinguished a famous academic department recognized for its research, innovation and excellence; generating the best human resources in the era of a plant sciences and help them to release their scientific knowledge in ways that the welfare of society.

MISSION

- To impart the fundamental Knowledge of Plant life through practical and innovative research, thereby creating positive attitude in student, their society and country.

KEY FEATURES

- **Academic Programs:** Offers undergraduate, post-graduate and doctoral programs in Botany.
- **Faculty and Research Expertise:** Experienced faculty with diverse expertise in various disciplines of Botany, such as Plant physiology, Ecology, Taxonomy, Genetics and Molecular biology, Mycology, Plant Pathology, Bryology, Pharmacognosy and Organic Farming.
- **Research Facilities:** Provides well-equipped laboratories and CFC facilities for conducting research in plant sciences
- **Herbaria:** Maintains a herbaria such as Angiosperms, Bryophytes and Mycology. A collection of dried plant specimens used for practicals, research, identification and references.
- **Gardens and Nursery:** Maintains of the Kavivarya Moropant Botanical Garden and Surbhi Nursery for multiplication and selling of Ornamental, Medicinal, Oxygen Park plant, Aquatic Plants, Immunity Bosting plants, Bonsai and Cactus.
- **Field Research Opportunities:** Arrange field visits to facilitates field research to study plants in their natural habitats, enabling students and researchers to gain real and practical experience.
- **Publications:** Encourages faculty and students to publish research papers, book chapters and review articles in Scopus, High Impact Factor having reputed scientific journals, contributing to the advancement of plant science knowledge, also to publish patentable documents in IPR Journals.
- **Conservation Initiatives:** Actively participates in conservation of plants in ecosystems and aware the public about the importance of climate change and plant diversity conservation.

TEACHER PROFILE

Sr. No.	Name of Teacher	Designation	Qualification	Teaching Experience in years
1.	Prof.(Dr.) Bhagawan Mali	Professor and Head	M.Sc., Ph.D.	21
2.	Prof.(Dr.) Mahadev Kanade	Professor	M.Sc., Ph.D.	20
3.	Prof.(Dr.) Ajit Telave	Professor	M.Sc., Ph.D.	19
4.	Mrs.(Dr.) Rupali Chitale	Assistant Professor	M.Sc., B. Ed., Ph.D.	22
5.	Mrs.(Dr.) Madhuri Patil	Assistant Professor	M.Sc., M. Phil, Ph.D.	13
6.	Mr.Prasad Bankar	Assistant Professor	M.Sc., PET	06
7.	Mr.Sourabh Chandankar	Assistant Professor	M.Sc., PET	05
8.	Mr.Sangram Thorat	Assistant Professor	M.Sc., PET	02
9.	Miss. Supriya Thombare	Assistant Professor	M.Sc. SET	02

PROGRAMME AND COURSES OFFERED

Name of the Programme	Year of Establishment	Duration
Bachelor of Science in Botany	1962	3/4 Years
Master of Science in Botany	1992	1/2 Years
Ph.D. in Botany	2007	3/5 Years

SKILL DEVELOPMENT COURSES

- Post-harvest and value- addition technology.
- Gardening and Landscaping.
- Seed Technology.
- Organic Farming.
- Herbal cosmetic preparation.
- Bonsai making.
- Hybridization of water lily.
- On Job Training (OJT)

FACILITIES

- Recognized research centre.
- ICT class rooms
- Well-equipped laboratories and CFC centre.
- Campus Beautification.
- Kavivarya Moropant Botanical Garden.
- Herbaria (Angiosperms, Bryophytes and Mycology)
- Vermicomposting Unit

RESEARCH : Research Centre Details

Sr. No.		
1.	Area of specialization	Mycology & plant Pathology Organic farming, Ecology, Stress Physiology, Hydroponics
2.	Establishment year	2007
3.	Total Guide	14 (5 College + 09 Other Colleges)
4.	Total Ph.D. Awarded Students	12
5.	Total Working Students for their Ph.D. degree	64
6.	Research Awards of students and teachers	08
7.	Patents Granted	07
8.	Participation in Conferences / Seminars	85
9.	Books and Book Chapter Published	04 + 11
10.	NET/SET/GATE/PET Qualified Students	NET (05), SET (08), GATE (06), & PET (50)

ACTIVITIES

- Post-Harvest Management and Value Addition Technology
- Add-on: Nursery Management Course
- Plant of the Week
- Maintenance of Herbaria & College Campus greenery
- Organization of Workshops, Conferences, Webinars
- Organises Excursion Tours
- Summer Training Programme
- Value Based Practices: Welcome, Sendoff, Celebrating Occasions by Offering Books
- Involvement of Students in Research Activities
- Maintenance of Botanical Garden
- Running of Surbhi Nursery
- Celebration of Days

COLLABORATION AND MOU

Sr. No.	Organization which MoU is signed	Year Signed
1	Abhinav Farmers Club, Man (Bodkewadi), Near Hinjawadi Rajiv Gandhi Info Tech Park, Phase 1, Tal- Mulshi, Dist- Pune.	2023
2	Varvand Gram Shikshan Sanstha's Eknath Divekar College Varvand, Tal. Daund, Dist. Pune.	2023
3	Nymphaea and Nelumbo, Badlapur, Mumbai	2024

CONTACT US

Prof. (Dr.) Bhagawan Mali
Head, 9822218249
bhagawanmali10@gmail.com

Department of Botany
02112 - 222405 (311)
hodbotanytcc@gmail.com

Dr. Madhuri Patil
PG-Coordinator, 9767223369
patilmadhuri352@gmail.com



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Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

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Baramati 413 102, Dist. Pune, Maharashtra, India.

Tel. (02112) 222405, Telefax : (02112) 222728

Email : principal@tccollege.org / principal.tccollege@gmail.com

Website : www.tccollege.org