



!! सिद्धिरनेकान्तात् !!

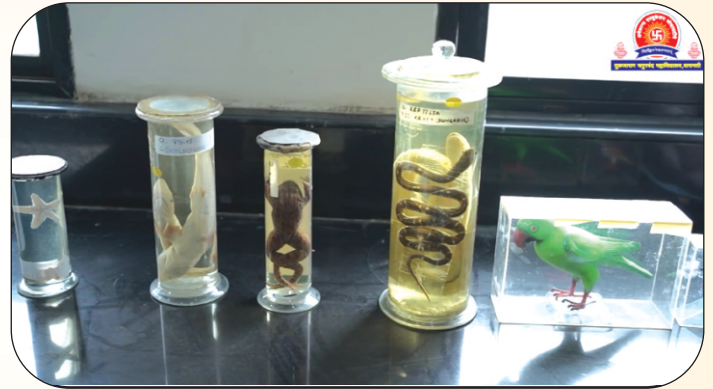
Anekant Education Society's

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 Zoology



About Department

Department of Zoology was established in the year 1964 and affiliated to Savitribai Phule Pune University, Pune (then, University of Pune). Department offers Undergraduate degree programme (B.Sc. Zoology) since 1981 and offers Post Graduate degree program (M.Sc.) in three areas including Entomology, Animal Physiology, and Genetics.

Department of Zoology has well equipped UG and PG laboratories (Dr. H. G. Khorana Laboratory. Dr. Salim Ali Laboratory & Sir Ronald Ross Laboratory) with necessary laboratory equipments like varieties of microscopes, microtome machine, Hot Air ovens, incubators, centrifuge machine, PCR, electrophoresis, autoclave unit, Laminar Air Flow, etc. All laboratories are well ventilated and follow necessary safety measures. Department also houses the QR coded animal museum that has rare & common specimens from almost all classes under most of the phyla.

The department offers a congenial environment for knowledge development, research training and for individual growth. It has an excellent complement of teaching by the faculty who are involved in basic and applied research in different areas of Zoology.

The department recognizes the crucial role of science in general & Zoology in particular in addressing the societal challenges. It seeks to translate scientific knowledge into practical applications that improve environmental sustainability, local agricultural practices, Laboratory skill, human health, and overall well-being. By actively engaging with local NGOs, different laboratories, government agencies, and the public, we aim to contribute to the environmental sustainability with special focus on animal diversity conservation; individual skill development in the fields like Sericulture, Apiculture, Fisheries, and foster a deeper understanding of the significance of various branches of Zoology in our everyday lives.

Vision

To be a leading center for life science education and research, our aim is to empower future generations to solve real-world problems and improve lives. Through all possible resources and collaboration, we strive to expand knowledge and act as a driving force for positive societal change.

Mission

The Zoology Department at Tuljaram Chaturchand College empowers students through life sciences education. We blend tradition with innovation, fostering critical thinkers and future researchers who will address societal challenges.

Core Values

Department of Zoology prioritizes academic excellence, integrity, collaboration, and inclusivity. We strive for impactful research and education to positively influence the society.

With this vision, mission, and core values, the Department of Zoology at Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati aims to be at the forefront of scientific progress, shaping the future of life sciences and making a lasting impact on the world.

Program and Courses Offered

Sr. No.	Name of the Program	Date of Establishment	Duration
1	B.Sc. (Zoology)	1981	2 years
2	M.Sc. (Entomology)	2015	2 years
3	M.Sc. (Animal Physiology)	2015	2 years
4	M.Sc. (Genetics)	2015	2 years
5	B.Sc. (Honors) (as per NEP-2020)	2023	4 years

Skill Development Courses

1. Techniques in Molecular Biology
2. Insect Preservation Techniques
3. Sericulture
4. Apiculture
5. Fisheries
6. Aquarium Construction & Maintenance
7. Pearl Culture
8. Medical Diagnostics

Facilities

1. PCR
2. Electrophoresis
3. Phase contrast Microscopes
4. Entomological Dissecting Microscopes
5. Light Microscopes
6. BOD incubator
7. Hot Air Oven
8. Autoclave
9. Laminar Air Flow
10. Cooling centrifuge
11. Atomic Absorption Spectroscope (in CFC)
12. Gas Chromatography (in CFC)
13. High Pressure Liquid Chromatography (in CFC)
14. UV Visible Spectrophotometer
15. ICT equipped classrooms & laboratories

Activities

Department regularly organizes various activities like skill development & entrepreneurship development workshops, seminars, celebrates commemorative days like National Wild Life Week, National Science Day, World Sparrow Day, etc; organizes study visits, field visits, student research projects, Youth Festival, Avishkar competition, etc.

Collaborations & MoU

- MoU with Paul Hebert Centre for DNA Barcoding and Biodiversity Studies, Dr. Babasaheb Ambedkar Marathwada University, Chh. Sambhajinagar
- Collaborations: Ela Habitat, Pingori, Pune, GodaGiri Farms, ShriRampur.

Student Achievements

- Students of the department are appointed in diverse fields like public administrative department, forest services, education sector, research laboratories, etc. Many students are also engaged in independent business based on the skill imparted in the department.
- Mr. Bipin Jagtap is appointed as Personal Assistant (PA) to the Dy. Chief Minister Shri. Ajitdada Pawar and is also the Deputy Director, Khadi and Village Commission, Govt. of Maharashtra. Ms. Swati Sonwalkar is currently holding the responsibility of senior sales tax inspector.
- Dr. Girish Joshi is vice president and senior scientist in Toxicological Laboratory in Pune.
- Mr. Ganesh Bose (Dept. of Biotechnology, SPPU, Pune), Ms. Ankita More (NCCS, Pune) are engaged in research related with human health in internationally reputed research institutes.
- Dr. Sandip Chordiya, Dr. Vitthal Nale, Mr. Mahadev Atole, Ms. Kamal Kumbhar, Mr. Jawahar Khenat, Mr. Sayaji Mohite, Mr. Janardan Mengde, Mr. Vilas Dabde and many more are in educational field.
- Dr. Lalthlamuana Pachau is working as Scientist D in Central Silk Board, Aizwal, Mr. Lalfakzuala Pautu is an Entomologist in Department of Health and family welfare, Govt. of Mizoram, Ms. Shubhangi Adhatrao is District Malaria Officer, Govt. of Maharashtra. Santosh Bhandare is working in poultry industry; . Gaurav Wable is working in Serum Institute of India, Pune; Mr. Samadhan Malhare is working as therapy manager in CIPLA; Mr. Akshay Kadam & many others are running their own pathological laboratories.

Best Practices

In collaboration with NGOs like Nature's Friends Organization and RESQ, every year, department trains many students in rescuing the animals in distress and thereby contributes to the animal conservation. Department also conducts an activity titled as "Animal of the Week" in which detailed information about the displayed animal is disseminated.

Contact Details

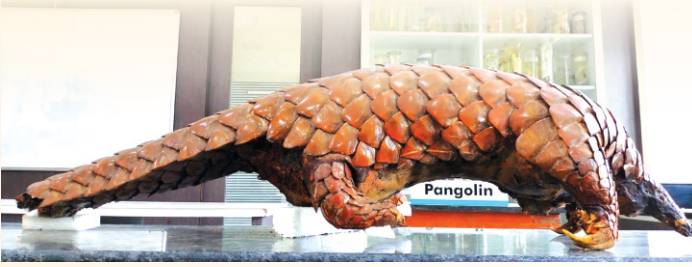
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