

M.Sc. Botany

2 Years

Since | 1979



Unique Features

The Department of Botany at PSGRKCW imparts both core and advanced concepts in Botany with real-world experience enabling graduates to thrive in both academic and industrial settings by developing scientific thinking, critical problem-solving abilities, and entrepreneurial spirit.

Highlights about the Curriculum

The curriculum covers various aspects of Botany such as Plant diversity, Applied Microbiology, Plant Anatomy, Physiology, Biochemistry, Plant Systematics, Genetics, Cell signaling, Molecular Biology, Genetic Engineering, Plant Tissue Culture, Bioinformatics, Plant ecology, Energy science, and Forestry with the latest technology to meet the demands of the research and industry relevant to the scientific development of the country.

Expertise of the Faculty Members

- ▶ Experienced faculty with a blend of academia and research expertise.
- ▶ Faculty foster a conducive learning environment.
- ▶ Faculty assist in career advancement through reputable institution and industry connections.

Infrastructure

Libraries, labs, and classrooms

well-equipped laboratories.

Supported by



ICT-enabled laboratories and classrooms

Access to **online databases** and the **UGC INFLIBNET** service.

- Ample working space
- Comfortable reclining
- Personal cabinets
- Sufficient supply of glassware & chemicals
- High-end equipment

- Students can also access
- **Central Instrumentation Facility**
 - **Botanical Garden and Nursery**
 - **Herbarium**
 - **Library and Computers**

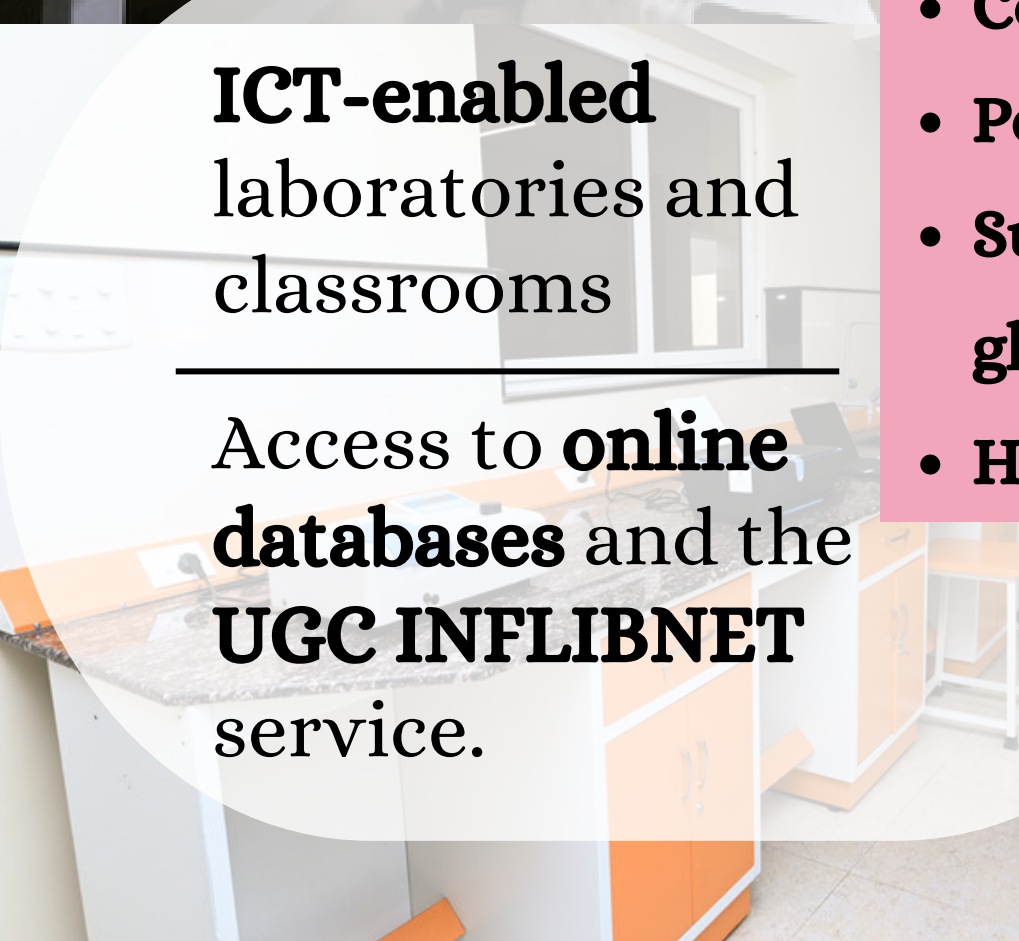
Student Life

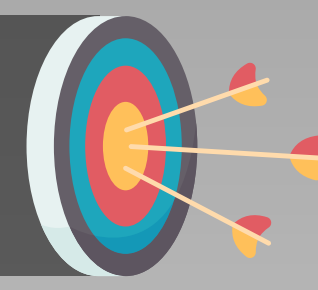
- ▶ Field trips, industrial visits, floristic surveys and extracurricular activities are integral to the academic life of students
- ▶ Participation in such activities enables students to acquire valuable skills from real-world experiences.

Key Benefits

Frequent field trips, plant surveys, industrial visits, and hands-on training with state-of-the-art tools and technology prepare students for a wide range of career opportunities in

- Environmental and conservation organizations
- Research institutes
- Biotechnological industries
- Pharmaceutical industries
- Food and beverage industries
- Agricultural sectors





Researcher/Field assistants



UPSC, TNPSC Exams



Taxonomist



Botanical, Pharmacognostic, Phyto-chemical, and pharmacological profiling of medicinal plants



Plant Tissue Culture Specialist



Lab technician/ Microbiologist



Teacher/ Lecturer/Assistant Professor

Forest Services and Environmental Protection Agencies

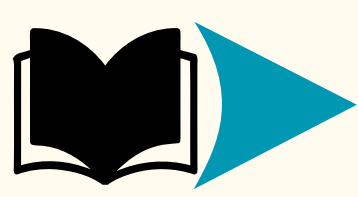


Overseas Study Ventures

MoU signed with



Oregon State University
Binghamton University
San Diego State University
University of Dar es Salaam
University of Wisconsin-Milwaukee



15 days Summer Internship Courses
Doctoral studies



Certificate Courses



Diploma in Next Generation Bioinformatics
Diploma in Applications of AI/ML in Life Sciences
in collaboration with
Pinnochle.AI, Bangalore



Skill Enrichment and Networking Programs

Periodical conduction of guest lectures, seminars, workshops, and conferences chaired by resource persons from various research, academic and industrial institutions which provides a platform for skill development and network opportunities.



Global Certification course

Certificate course on Venoms and Poisons in collaboration with The University of Reading, UK.



Special opportunity

EYUVA UG Research Grant Fellowship is available during the UG Programme, through the submission of innovative ideas that will pave the way for future entrepreneurs.



Dr. D. Thangamani (1991-1994 Batch),
Scientist, Division of Forest Genetic Resource Management, IFGTB, Coimbatore

“ My journey in this college provided me with a solid foundation of knowledge. It was the unwavering support and motivation from the faculty that truly propelled me towards success. They played a pivotal role in shaping me into the successful individual. Thanks to their mentorship, I not only acquired valuable skills and knowledge but also developed the confidence to face challenges and grab the opportunities. ”



Dr. Miss. R. Mary Josephine (1989 Batch),
Principal, St. Joseph College for Women, Tirupur

“ I am grateful for the transformative experiences that have shaped my personal and academic journey. Beyond academics, my time at college was enriched by a vibrant campus community and various extracurricular opportunities. The field visits organized by the department were not just educational outings but gateways to discovery where I found my passion ignited, particularly through the captivating subject of taxonomy. ”



Dr. Mrs. S. Uma Gowrie
(1990 Batch)
Principal and Secretary,
Ethiraj College, Chennai

“ The vibrant campus life, coupled with the dynamic academic environment, provided me with countless opportunities for my growth and discovery. It was all the faculty who developed a strong sense of sincerity discipline and punctuality in me that undoubtedly laid the foundation for a lifetime. The faculty's encouragement and guidance nurtured my interest, fostering a sense of purpose and determination. ”

Reach Us at:

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