

Learning Resources

Learning resources and infrastructure of the department has been set up in focus of research in bio-science, extension, consultancy and effective curriculum transaction at Postgraduate and Undergraduate level.

Library & Reading Room

A well-stocked library with relevant and latest books is available in the department for reference purposes. A reading hall associated with the library serves the purpose of inculcating reading habits among the students. Students can borrow two books at a time and shall return it within the prescribed duration of time. Reference books can be borrowed for a few hours. Books are made available to faculty and research scholars too and ensure optimum utilisation of the reference library. The department subscribes thirteen research journals too for exposing students to recent trends in bio-sciences.

Computer Lab & Wi-Fi Zone

The department has nine computers and a computer lab to support ICT enabled learning. The lab has LAN as well as Wi-Fi facility for access to internet. Students can browse internet on the basis of vacancy availability in the lab. Offline usage for learning statistics, browsing digital books and preparations of dissertations and assignments is ensured by the department through providing computers and software to students, research scholars and faculty.

Museum

Zoology museum has been one among the best in terms of diverse range of specimens and uniqueness. Rare specimens including baby elephant, dolphin, lung fishes and a wide range of specimens from all animal phyla provides ample visual exposure to students to learn animals and their taxonomy. Museum specimens are open for external visitors in addition to the students of the department during working hours. Practical sessions for specimen study are conducted in the museum itself. Exhibition to school students and the other public once in three years is a healthy practice of the department as an extension activity.

Research Lab

The department is an approved research centre of University of Kerala and Manonmaniam Sundaranar University. A research lab with equipments such as UV-Vis Spectrophotometer, Binocular research microscopes, Micro photographic equipments, Digital Flame photometer, Electrophoresis apparatus, Digital BOD incubator, High resolution electronic balances, rotary microtome, Digital pH meter, Hot air ovens, Refrigeration systems, Soil biology equipments, etc provides immense support to research scholars to carry out works in the field of toxicology, soil biology, taxonomy, biodiversity and aquatic biology.

SARD Lab

This lab has set up for carrying out project under the Scheme for Augmentation of Research and Development of Kerala State Council for Science, Technology and Environment of Government of Kerala. Facilities include separate Physico-Chemical laboratory, Microscopy session and Microbiology laboratory for carrying out all aspects of aquatic biomonitoring. Internet facility and statistical software in the IT session of the lab gives additional support to the research work. The lab is open for external faculty and researchers for consultancy and research purposes based on availability frequency. Co-ordinator: Dr.M.G.Sanal Kumar

Soil Biology Lab

A separate soil biology lab has been set up with soil extraction apparatus and other relevant equipments for carrying out works related with soil micro arthropods. Department ensures ample support to research works in soil biology by providing the lab to the needy.

B.Sc. and M.Sc. Laboratories

Two labs for Undergraduate students and two labs for Postgraduate students are set up in the department for carrying out practical sessions. The labs are spacious with relevant equipments and sufficient seating capacity with desktops for giving practicals in environmental sciences, pollution biology, animal physiology, immunology, genetics, embryology, cytology, specimen study, etc.

Teaching-Learning aids

Availability of teaching-learning aids in the department is ensured throughout the academic sessions for enriching curriculum transaction. Digital Light Processing front projector, Over Head Projectors, Computers & Internet facility, Educational CDs, Statistical software packages, Museum specimens, Models, Charts, Demonstration work stations, etc are the facilities provided by the department to support teaching and learning.

Chemical Store

Separate chemical store is available for stocking chemicals and are safely kept. Chemicals are issued to students, research scholars and faculty for both practical sessions and research purposes and ensure efficient utilisation.

Power backup

The department has its own power backup system with a high capacity generator to ensure uninterrupted power supply for effective curriculum delivery in terms of theory as well as practical classes.