

### Environmental Science Laboratory

The Environmental Sciences Laboratory has been established for Environmental Sciences students and research purposes. The laboratory is fully equipped with scientific instruments like Spectrophotometer, Monopan Electronic Balance, Distillation unit, Muffle furnace, Conductivity meter, pH meter, Autoclave, Centrifuges, Microscope. Initially, the laboratory has facility to monitor and analyse several environmental parameters including, dissolved Oxygen, chloride content, sulphate, phosphate, alkalinity, hardness, pH etc focusing on aquatic health of the region. The present facility is being actively used to study the local environmental problems. The laboratory is continuously being upgraded and sophisticated instruments are being added in the laboratory to study the air quality, monitor meteorological parameters, heavy metals, micro biological aspects of environment and others.

### Mathematical & Statistical Laboratory

The computer lab is well equipped with the entire infrastructure needed for computational requirements for the Master's program in Mathematics and Statistics. The students work in Linux and Windows environments. The computer systems are installed with the latest versions of MATLAB, PASW and R. The students are trained in advance numerical methods and analysis of large scale samples surveys using these software's. The students are trained to develop programming skills in C/C++ for Mathematical and Statistical applications. Rigorous training in handling and analyzing very large data sets is an essential part of the curriculum.

### Summer Internship

Classroom learning transactions combined with field based practical knowledge and hands-on practice can make the total learning outcome more robust and holistic. Considering the indispensable role of practice based learning the University has introduced summer internship for the program(s). Internship provides opportunities for students to gain experience in their field, determine if they have an interest in a particular career, create network of contacts and may gain course credits.

1. Summer Internship may generally be organised during the intervening period between the close of 2<sup>nd</sup> and beginning of 3<sup>rd</sup> semesters and may have duration of up to eight weeks.
2. Students are encouraged to identify, approach and finalize the institution/supervisor (within India only) well in advance of Summer Internship, preferably on the recommendation of the Centre/Department.
3. University may provide certain financial assistance, if required, to student(s) in form of re-imbursment on production of payment receipt/certificate/document etc. Such assistance may include course fee, up to a maximum of Rs. 5000/- only and one time to & fro non-AC sleeper class rail fare by shortest route.
4. Student(s) attending Summer Internship must abide by the general norms and regulations of the host institution during the period.
5. Prior to leaving for and on coming back from internship student(s) must report to the Course Coordinator/Head of the concerned Centre/Department in written.
6. On successful completion of the Internship, student(s) must submit a copy of project report to the Course Coordinator/Head of the Centre/Department.
7. Data generated out of the project work during Internship will not be used for any other purpose except academic evaluation as per requirement of the course concerned