

## **Programme Educational Objectives**

The B.Sc. programme aims at holistic development of the students through the innovative and comprehensive study. Geology programme aims to provide an understanding of fundamental of Earth's interior, dynamics and processes involved. These competencies are developed in the students by providing through theoretical, practical and field.

On completion of the Programme, students will be able to:

- i) To get the basic knowledge of geology.
- ii) Develop independent learning abilities and analytical thinking through problem-based assignments, laboratory exercises and report writing.
- iii) Understand a scientific problem and conduct experiments that would make a substantial contribution to its solution
- iv) Apply knowledge and understanding in order to initiate and carry out an extended piece of work or project for higher studies.
- v) Develop team work and awareness amongst students towards the importance of multidisciplinary approach for problem solving skills
- vi) Train the students for attainment of technical skills, intellectual capability with exposure to modern technologies to serve as an individual or as a team leader.
- vii) Create awareness among students about conservation and sustainability of environment.

## **Programme Outcomes**

The following are the outcome of Geology programme:

- i) Obtain in depth knowledge of Geology and think originally and draw the conclusions independently.
- ii) Apply appropriate methods, resources and computational tools with an understanding of their limitations.
- iii) Excel the potential among students as leaders in industry and management.
- iv) To develop the Professional identity as a Geologist, to understand the earth and environment
- v) Expertise in the operation of equipment, adherence to laboratory safety standards and good practices.
- vi) Develop scientific ethics, including, confidentiality and accountability.
- vii) Ability to express effectively in reports writing, presentations and to interact with others.