

## **Department of Geology**

### **Attainment of PO,PSO and CO**

The curriculum of M.Sc. Geology and P.G. Diploma in Watershed Technology and Management are outcome based which provide scope for enhancing various abilities of the students on personal and professional level so that they can use enhanced capabilities for the better understanding of natural resources and their exploration and management. The courses taught have substantial scope for gaining latest practical knowledge on minerals, ores, economic resources including groundwater potential zones which provide opportunities for skill building, enhancement of conceptual understanding of geological know how through experimental and fieldwork based learning.

The program outcomes can be measured in terms of defined continuous internal assessment by periodic unit tests, assignments and test exam for quantification of internal marks. The students have shown better performances and achievements in university exams and also adjudged as merit holders. These enhanced technical abilities motivate students for internships, appearing for the state and national level competitive examinations, seeking entrepreneurial opportunities and development of research attitude needed for progression to higher education. Students are empowered both in knowledge and skills through seminars, presentations on the topics, and preparation of the ICT tools, field visits, educational tour programmes, various geological workshops and training programmes. Their participatory approach, performance and readiness for geological problem solving approach is the reflection of course outcome.

Students are involved in various extracurricular activities and extension and outreach activities like geological mapping of the various terrains, water resource management, and identification of ore bodies and environmental protection of natural resources, capacity building workshops, entrepreneurial skill development opportunities, Field visits and geological field mapping and surveys. Involvement in these activities helps the students to understand the importance of various issues and strategies to overcome these issues for better self and society which is the appreciable course outcome which is clearly reflected in getting respectable employment opportunities in state government, central government and multinational organizations.