

Name of Programme: M. Sc. Applied Geology

Course Code: GEO-651

Title of the Course: Dissertation (DSD)/Internship

No of Credits: 12

Effective from AY: 2023-24

Prerequisites for the course	Students should have undergone M.Sc. Semester III.	
Course objectives	This course introduces to the concept of research.	
Content	<p>Dissertation based on the geology of any chosen area, involving independent mapping, collection of samples, data analysis of data and preparation of geological and other maps, charts & report based on the field and laboratory analyses. Student can choose to work for dissertation in the School or in any National Research laboratory / Industry/ Professional organization/ Well site/ Mine site under the supervision of a Faculty/ Scientist/ Professional Geologist on laboratory analytical problems related to geology of any area. To gain the professional experience in analytical/ field methodologies, data analysis, presentation and interpretation.</p> <p>A report based of the work will be submitted which will be evaluated by the Discipline Specific Committee.</p>	15 weeks
Pedagogy:	Project conceptualization, Fieldwork, Skill based training, Laboratory analyses, Data processing, Scientific report writing and presentation.	
Course Outcomes:	<ol style="list-style-type: none">1. The student will be able to formulate a research proposal.2. The students will learn to carry out field work independently.3. The data generated will be compared with available literature and interpreted.4. Students will be able to write a detailed report of the study carried out.	