

AG-104: FIELDWORK I

(03 Credit hrs)

Prerequisite: AG-101

Learning Outcomes

This course is designed to physically observe the various types of rocks, minerals and rock units in the field.

Course Contents

Guided geological excursion of about 10-12 days duration .

- Observation of Physical features of the earth surface and their representation on the topographic sheet.
- Identification of ubiquitous lithologies and rock types.
- Fauna collection and recognition.
- Recognition of minerals in natural condition and their collection.
- Visit to mining sites.

Every student will maintain a field notebook. He will carry out sampling, labeling and book entries. This notebook will be presented at the time of Viva Voce examination, which should be properly signed by the concerned teacher/s in the field.

At the end of field excursion, every student will submit a field report and will be examined by viva voce.

TEACHING – LEARNING STRATEGIES

- Lecture based examination
- Presentation/seminars
- Class discussion
- Quizzes

ASSIGNMENTS – TYPE AND NUMBER WITH CALENDAR

It is continuous assessment. The weightage of Assignments will be 25% before and after midterm assessment. It includes:

- classroom participation,
- attendance, assignments and presentation,
- homework
- attitude and behavior,
- hands-on-activities,
- short tests, quizzes etc.

ASSESSMENT AND EXAMINATIONS

Sr. No.	Elements	Weightage	Details
1.	Test/Quiz	35%	It takes place after the completion of Fieldwork.
2.	Field Report	25%	It will be submitted after one week of completion of fieldwork.
3.	Viva Voice	40%	It takes place at the end of the semester.

Books Recommended

1. Elements of field geology by Himus, G.W., Sweeting, G.S., Latest Ed., University Tutorial Press Ltd.
2. Field Geology by Lahee, F.H., 1961, McGraw Hill.
3. Geology and the field by Compton, R.R., 1985, John Wiley & Sons.