Course Type	Course Code	Name of Course	L	T	P	Credit
DC	GLC210	**Economic Geology Practical**	0	0	2	2

Course Objective
The students will learn to identify different metallic and non-metallic ores from their megascopic properties and apply the knowledge to identify in the field.
Learning Outcomes
Upon successful completion of this course, students will be able to:

- Learn identification of ore minerals in hand specimen
- Identification of gangue constituents and associated minerals to understand the depositional.
- Learn the Indian distribution and deposit types.

Unit No.	Topics to be Covered	Lecture Hours	Learning Outcome
1	Identification of non-metallic industrial ore minerals	5	Learn the identification of different types of industrial minerals based on their physical properties.
2	Identification of metallic ore minerals and associated gangue constituents.	5	Learn the identification of different types of metallic ore minerals based on their physical properties.
3	Study of ore suite samples from different localities of India and associations	3	Identification of different rock and ore samples from different localities in India and their stratigraphic correlation.
4	Practical Examination	1	Evaluation of the practical knowledge.

Text Books:
1. Sharma, N L and Agarwal Y K. Tables for Mineral Identification.

Reference Books:
2. Mineral Year Book, Indian Bureau of Mines.
3. Tiwari, S. K. (2019) Ore Geology, Economic Minerals and Mineral Economics.