

Two Days Workshop on “Application of Remote Sensing Techniques for Mineral exploration” under the DBT STAR COLLEGE SCHEME

**Orgsnized by
The Department of Geology
Durgapur Government College**

(Affiliated to Kazi Nazrul University, Asansol, West Bengal)

**Accredited by NAAC with an “A” Grade in 2017
(Recognized under Section 2(f) and 12(B) of the UGC Act 1956)**

**Coordinator:
Dr. Pritha Goswami**

Assistant Professor in Geology (W.B.E.S.)
Department of Geology Durgapur Government
College Durgapur-713212
West Bengal, India

**Resource Person:
Shanta Panja**

Prime Minister Research Fellow (PMRF)
Centre for Studies in Resources Engineering
Indian Institute of Technology, Bombay
Mumbai-400076
Maharashtra, India

❖ Course Objectives

- *Learning basic geological processes and concepts of remote sensing*
- *Understanding Geographic Information System (GIS) and spatial data types*
- *Studying mineral systems approach for mineral deposit formation*
- *Downloading and preprocessing of remote sensing data using QGIS*
- *Using interpolation and image enhancement techniques in GIS*
- *Generating band ratio and alteration maps using GIS*

✓ Eligibility

Students of Geology, Physics & Chemistry

✓ Online Mode

Date: 13-14 March 2024