



Government of India  
Ministry of Mines  
Geological Survey of India Training Institute  
Hyderabad



Scheme: e-ITEC		Proposed year: 2023-24		
Course Name	Duration	Maximum Seats	Minimum Seats	Stream
Short Course on “Remote Sensing and Digital Image Processing for Geoscientists”	01.08.2023 to 12.08.2023	25	10	Engineering And Technology

## COURSE CONTENTS

- ❖ Fundamental of Remote Sensing.
- ❖ Introduction of digital remote sensing.
- ❖ Different Image Enhancement Techniques.
- ❖ Principles of Image interpretation.
- ❖ Spectral Enhancement Techniques
- ❖ DEM and DEM derivative maps and its applications.
- ❖ Identification of potential zones using Remote sensing techniques
- ❖ Demonstration of processing techniques on image processing software
- ❖ Map composition and thematic map preparation
- ❖ Evaluation Test