

Skill Development Programme

ADVANCED TRAINING ON ANALYTICAL TECHNIQUES AND LABORATORY

4th-8th February, 2019

The program aims at providing hands on training on various instrumental methods according to the specified protocols, data acquisition and data quantization. An elaborate training on principles of instruments, sampling and their integrated instrumental methods of analyses will be imparted by the experts from the respective fields of specialization.

OBJECTIVES OF TRAINING PROGRAMME

- To provide theoretical and practical knowledge about laboratory method of analysis on ores/minerals and their derivative products with modern analytical instruments.
- To improve skills for handling modern analytical instruments like UV-VIS, FTIR, TG-DTA, ELECTROCHEMICAL ANALYSER, XRD, AAS, ICP-MS, Microscopy/Electron microscopy methods
- To provide basic process of treatment of mineral waste through hydrometallurgical operation

Course Organizer:

Dr. (Mrs) Mamata Mohapatra
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Dr. Kadambini Sarangi
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Eligibility Criteria

Students (Research Scholars) with M.Sc. degree (Chemistry / Geology / Environment)
or B.Tech. (Chemical/Metallurgical Engineering) as well as faculty from College /University and Executives from Minerals/ Metal Industries

Areas to be covered during the training program are:

- (a) laboratory method of analysis on ores/minerals and their derivative products
- (b) General Analytical Chemistry,
- (c) Separation Techniques, Statistics and modelling/simulations
- (d) Analytical Spectrometry (IR, Microscope & Electron Microscope)
- (e) Electroanalytical Techniques
- (f) Thermal Methods of Analysis

Training Fee

Rs.2500/- for research scholar
Rs. 3500/- for faculties
Rs.10000/- for executives from Industry
(For group three people from one industry the charges will be Rs.25000/-)

The course fees include kit and working lunch only. The delegates have to make their own arrangements for accommodation at Bhubaneswar.

For participation contact the course organizer. For further information about Skill Development Programme at IMMT Bhubaneswar write to:

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