

REGISTRATION FORM

SKILL DEVELOPMENT CUM
TRAINING PROGRAMME
ON
**PRECISE SURVEYING USING
MODERN EQUIPMENTS**

(24-28 FEBRUARY, 2020)

Venue: CSIR-CIMFR, Dhanbad

Name (in Block letters).....

Designation.....

Organization/Institute.....

Address.....

.....

Email.....

Phone/Mobile.....

Academic/Professional qualification.....

Accommodation: Required / Not required

Signature of the participant

(Mailing address: hrd_cimfr@yahoo.com)

ORGANIZING COMMITTEE

Patron: Dr. Pradeep K. Singh,
Director
CSIR- CIMFR, Dhanbad

Advisor: Dr. S. K. Mandal,
Chief Scientist

Coordinator: Mr. D. Kumbhakar,
Senior Principal Scientist

Convenor: Dr. Amar Prakash,
Principal Scientist

REGISTRATION DETAILS

Delegate fee: ₹ 35,400/-
Student delegate fee :
₹ 7,000/- (without accommodation)
₹ 8,000/- (with accommodation)

Last date: 15 February 2020

The fee is inclusive of GST. The fee shall be sent through Demand Draft drawn in favour of Director, Central Institute of Mining and Fuel Research, Dhanbad and payable at State Bank of India, Hiranagar (IFSC Code- SBIN001670), Dhanbad or through e-payment (A/c No. 30256736794, MICR Code: 826002007).

Contact person: Director CSIR-CIMFR, Dhanbad

Kind attention

Mr. D. Kumbhakar Dr. Amar Prakash
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SKILL DEVELOPMENT CUM TRAINING PROGRAMME

On

PRECISE SURVEYING USING MODERN EQUIPMENTS

Under

CSIR INTEGRATED SKILL INITIATIVE



(24-28 FEBRUARY, 2020)



ORGANIZED BY

**HRD and MINE PLANNING, SUBSIDENCE
& SURVEYING RESEARCH GROUP
CSIR-CENTRAL INSTITUTE OF MINING AND
FUEL RESEARCH
BARWA ROAD, DHANBAD - 826015**

PARTICIPANTS

- Practicing surveyors of mining industries
- B.E. (Mining/Civil) candidates
- Diploma (Mining/Civil) candidates

FACULTY

Senior scientists of CSIR-CIMFR, Dhanbad and invited guest experts from mining industries will be invited to deliver lectures.



ABOUT TRAINING

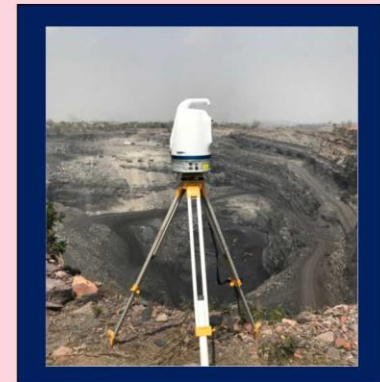
Surveying is of vital importance in several fields like civil, mining, construction etc. and surveyors play an integral part in it. The precision of the plan primarily depend on the accuracy of survey. Lots of information are collected from the plans for any future design or development work. With the introduction of heavy machineries, the quantum of day to day excavation is very large and hence surveying by conventional methods is tiring and cumbersome.

Rapid survey with precise measurement is a strategic factor which can be achieved using modern survey equipments. In this training programme, theory cum practical training will help in gaining the confidence of conducting survey work in field and will also assist in understanding the quality of survey and preparation of quality plans and sections. This training will not only be beneficial in perceiving the concept and application of advanced survey instruments with broader knowledge but also in developing survey skill and elevating the profession of survey.

This platform is apt for elevating the knowledge of modern survey instruments. It will build up confidence to use the instruments independently in any organization they serve. This training will help the aspirants in grabbing the job opportunities in wide sphere.

MAJOR TOPICS

- ❖ Introduction to Auto CAD
- ❖ Digitization of plans
- ❖ System of Opencast survey
- ❖ Subsidence: Concept, layout, method of measurement by Total Station
- ❖ Global Navigation Satellite System: Importance, application, method of operation
- ❖ Geophysical survey using Resistivity imaging system technique
- ❖ 3D Laser scanner: Method of survey



ABOUT CSIR-CIMFR

CSIR-Central Institute of Mining and Fuel Research (CIMFR), erstwhile Central Mining Research Institute (CMRI), is situated in Dhanbad, Jharkhand, India. It is a constituent laboratory of Council of Scientific & Industrial Research (CSIR), an autonomous government body and India's largest research and development (R&D) organization. The establishment of CIMFR is aimed to provide R&D inputs for the entire coal-energy chain from mining to consumption through integration of the core competencies of the two premier coal institutions (mining and fuel research) of the country providing basic research, R&D back up, advisory services and help in technology up gradation and adaptation to coal and mineral based industries to reach the targeted production with high standards of safety, economy and cleaner environment.