



सीएसआईआर- केंद्रीय खनन एवं ईंधन अनुसंधान संस्थान, धनबाद  
CSIR-Central Institute of Mining and Fuel Research, Dhanbad



# कौशल विकास कार्यक्रम

## Skill Development Programme

### (2024-25)



### Organized under:

सीएसआईआर एकीकृत कौशल पहल कार्यक्रम

CSIR Integrated Skill Initiative

### Brief About CSIR Integrated Skill Initiative

Council of Scientific and Industrial Research (CSIR) is embarking upon “Skill India” mission of the Government of India under its ‘CSIR Integrated Skill Initiative’ Programme. Under this umbrella of skill India, CSIR laboratories have taken up various skill training programs under different domains on pan India basis.

On 24th September, 2016 honourable Prime Minister Shri. Narendra Modi inaugurated “CSIR Platinum Jubilee” Celebration. On this occasion, Dr. Harsh Vardhan, the then Minister of Science & Technology, Health & Family Welfare and Earth Sciences launched “CSIR Integrated Skill Initiative” programme on pan India basis in CSIR labs.

#### मशन/Mission:

To generate quality human resource at various levels by providing and upgrading skills in all the possible fields.

#### लक्ष्य और उद्देश्य/Aims & Objectives:

The aims and objectives of the proposed programmes are;

- ❖ Upgradation of knowledge on latest technologies.
- ❖ Creating a pool of skilled human resource for industries.
- ❖ Developing employment-oriented skill programmes

**Brief About CSIR-CIMFR:** CSIR-CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH (CIMFR), DHANBAD, a constituent laboratory under the aegis of Council of Scientific and Industrial Research (CSIR), New Delhi aims to provide R&D inputs for the entire coal-energy chain encompassing exploration, mining and utilization. The laboratory also strives to develop mineral based industries to reach the targeted production for country’s energy security and growth with high standards of safety, economy and cleaner environment. In view of the National Missions recently declared by the Government of India, CIMFR has re-aligned its vision, missions and policies and also redefined targets for short and long terms. This would promote rapid sustainable national techno-economic growth with equal emphasis on self-sustenance. CSIR-CIMFR is located in the town of Dhanbad, known as coal capital of India of Jharkhand state of India. It is strategically situated in the Damodar basin of Eastern part of the country which is endowed with rich coal deposits and hosts several large mineral based industries.

# कौशल विकास प्रशिक्षण कैलेंडर

## *Skill Development Training Calendar*

**(April 2024 – March 2025)**

Sl. No.	Topic of the programs	Duration	Tentative Date/Month
1.	A skill development program on “Clean Coal Technologies -Theory and Practices”	30 Days	May-June, 2024
2.	Hands-on Training for Designing of Solar PV system using PVSyst Software.	05 Days	May, 2024
3.	Skill development program for “Blaster: Empowering Skilled Explosive Handlers, Safe, Efficient and Economical Blasting Practices in Mines, Tunnels and Construction Projects”	03 Months	June-August, 2024
4.	A skill development program on Mine Environment and Safety	05 Days	July, 2024
5.	A short-term skill development program on “Unlocking UAV applications in modern mining”	05 Days	July, 2024
6.	An Executive Development Program on “Mine Ventilation, Miner’s Health, and Safety for Underground Hard Rock Mining”	05 Days	August, 2024
7.	A 03-days’ executive training program on “Coal Characterization & Quality Assessment”	03 Days	August, 2024
8.	A skill development program on “Quality monitoring of water and waste water: laboratory analysis, data interpretation and quality assurance”	05 Days	September, 2024
9.	An executive training program on “Critical issues in coal mine methane emission measurements and recovery options: Advances and emerging challenges in India”	05 Days	November, 2024
10.	Executive Development Program on “Advances in Non-Destructive Evaluation of steel wire ropes in Mining & Aerial Installation: Theory, practical and understanding of relevant standards”	05 Days	December, 2024
11.	Skill Development Program on “Analytical Chemistry and its application in soil and water analysis”	05 Days	January, 2025
12.	A 5-days’ Executive Development Program on “Theory and practices of rock mechanics and numerical modelling for underground mining”	05 Days	January, 2025
13.	A skill cum entrepreneurship development program on “IoT Based automation for energy efficient mining system”	05 Days	February, 2025

14.	A skill development program on “Precise surveying using modern equipment”	05 Days	February, 2025
15.	A 5-days’ Workshop on “Water Resource Management in the Mining and Industrial Sector”	05 Days	March, 2025

**NOTE:**

- All the courses will be conducted in physical mode at CSIR-CIMFR, Dhanbad.
- Details of course content will be shared before the commencement of Course.
- The seats in every Course will be limited and offered on first come first served basis. The confirmation to attend the particular Course to selected participants will be sent in registered email Id approximately one week before start of the program.
- Registration of each course will be closed at least a week prior to the commencement of course, participants must register accordingly.
- The interested participants can register for particular SDP using the link provided on CIMFR website under **ACADEMICS** section, by clicking on Particular Skill Development Programme under **Skill Development Programme**.
- The prior registration to attend the course is mandatory. No participant will be allowed to attend the course without registration.
- Certificate will be issued to the participant who will attend the program.
- Some courses will be offered with limited seats and non-refundable course fee.
- The dates of above programmes are tentative; any changes will be informed through registered Email ID and on CSIR-CIMFR website.
- Please visit websites regularly to get latest information and updates related to offered courses.

**Contact Details:**

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