

Summary of the National Training Programme on “Audit of Extractive Industries” (07th to 10th October 2025)

International Centre for Environment Audit & Sustainable Development (iCED) organised a National Training Programme on “Audit of Extractive Industries” from 07th to 10th October 2025 at its own campus. A total of 20 participants from 07 field offices including 07 Group officers participated in the training programme.

Dr. Abhishek Gupta, Director General, iCED, acknowledged the distinguished presence of the participants in his opening remarks. In his inaugural address, he emphasized the vital role of the mining and extractive sectors in national economic development, while acknowledging the associated challenges such as environmental degradation, social impacts and regulatory gaps. He stated that effective audits can contribute to better and transparent oversight over extractive industries and will help to ensure that natural resources are managed in a sustainable manner.



Group photo of National Training Programme on “Audit of Extractive Industries”

During this four-day training programme, experts from IA&AD and other reputed organizations such as Indian Bureau of Mines (IBM), CSIR, IIT Kharagpur etc. delivered the sessions on various aspects of extractive industries ranging from role of IBM, environmental impacts and sustainable development framework for mining, use of emerging technologies and newer areas as critical minerals etc. Further, state specific audit reports were also discussed to highlight risk areas, auditing challenges, audit findings and use of technologies in audit etc. During this five-day training programme, experts from IA&AD and various reputed organizations delivered the sessions.

The session-wise details are outlined below:

S. No	Session & Date	Resource Person	Session/s
1.	Session I & II 07.10.2025	Shri P. N. Sharma, Controller of Mine(Retd.), IBM, Nagpur	Role of IBM in respect of National Mineral Policy (NMP)
2.	Session III&IV 07.10.2025	Dr. Abdul Rauf Sheik, Principal Scientist, CSIR-(IMMT), Bhubaneswar	Overview of National Critical Mineral Mission (NCMM) and Critical Technologies to support National Mineral Polices
3.	Session I&II 08.10.2025	Shri Santosh Tiwari, SAO, O/o DGA (Mines), Kolkata	Audit of Extractive Industries : Case Studies of NALCO & Hindustan Copper and PMKKKY
4.	Session III&IV 08.10.2025	Shri Harish Mistry, Director GSI (WR), Jaipur	Innovation in Geosciences using Emerging Technologies
5.	Session I&II 09.10.2025	Shri Sujit Kumar Singh, Independent Researcher, New Delhi	Environmental Impacts of Mining and Sustainable Development Framework for Mining
6.	Session III&IV 09.10.2025	Shri Nitin G Puke, IAAS DAG, O/o the PAG (Audit), Chhattisgarh	Audit of Mining with Emphasis on Illegal Mining Operations : Chhattisgarh Case Study
7.	Session I&II 10.10.2025	Dr. Aditya Kumar Patra, Professor, IIT Kharagpur	Air Quality Assessment of Mining Projects: Legal requirements and Technological Challenges'

During the pre-valedictory session, 4 group presentations were made by the participants on topics as below:

1. Audit of District Mineral Foundations Trust Scheme (DMFT) to assess devolution of benefits to affected area
2. Auditing of the preparedness for the National Critical Minerals Mission (NCMM)
3. Auditing of National Mineral Policy to access sustainable development in mining area.
4. Auditing of Mining operations to assess environmental impacts and its mitigation measures.

These presentations were structured to address risk factors, audit objectives, audit criteria, scope, and key lines of enquiry for auditing each topic. These group presentations were critically reviewed by the DG, iCED and feedback were conveyed to the groups to make this exercise resulting into development of possible audit frameworks which could be used in future audits. The overall average feedback rating was **9.30** out of **10**, with the session on “Audit of Mining with Emphasis on Illegal Mining Operations: Chhattisgarh Case Study” rated highest.

In his valedictory address, Dr. Abhishek Gupta, Director General, iCED appreciated the relevance of the programme and the active participation of the attendees.