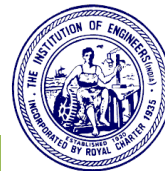




Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. Telangana, India



Centre for Climate Change Division

Continuing Professional Development Programme

Principles and Practices of Sustainable Mining and Climate Adaptive Approaches



22 – 24 January 2024

Interactive Sessions | Digital Learning | Assessments | 24/7 Experts Online/Offline Support

Introduction

Mining sector is one of the vital cogs in the state and national economy and it generates wealth in direct & indirect ways. However, it's unregulated and unscientific mining has devastating impact not only on natural systems (soils, water, air, and flora & fauna), threatens adjoin communities and aggravates occupational hazards. The cumulative negative impact is felt on degraded biodiversity.

The industry has direct and indirect impact on local environment & weather conditions, eventually contributing to long-term climate change. The present situation calls for new set of management practices, adaptation of environment friendly, and climate resilient appropriate technologies.

Mining operations have bearing on 9 Sustainable Development Goals (SDGs), particularly emphasizing on goal 3, 6, 7, 12, 13 and 17. The proposed training program aims to bring out strategies for sustainable mining falling in tune with SDGs.

Objectives

The Objective of this programme is to

1. Understand impact of unrelated mining on natural systems (Biodiversity) including human health.
2. Bring out clarity on mining – environment – Climate Change dynamic relation.
3. Identify alternative technological solutions to address critical challenges.
4. Integrate Principles and practices of sustainable mining.

Course Coverage

This programme is designed to cover broadly the following topics.

- Historical perspectives of mining industry
- Impact of mining on biodiversity including human health.
- Impact of mining on local environment, weather conditions etc.
- Critical environment and Climate Change Challenges.
- Climate adaptive – application of bio-engineering technologies to address pollution challenges.
- Establishment of measurable climate and sustainable development indicators.
- Application of principles and practices of sustainable development in mining sector.
- Case studies.

(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

Methodology

Methodology of the programme includes classroom Sessions with Lectures/discussions, with audio visual aid; bench - marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive, demanding active participation from all the participants.

Target Participants

The programme is intended for Higher and Middle level executives of Mining industry, Mineral development corporations, Faculty from academic institutions and Independents Professionals / Consultants.

Programme Dates & Timings

Dates: 22 – 24 January 2024 & Timings: 10 AM Onwards.

Course Director

Ms. Anita Aggarwal

Faculty & Head I/c. Environment & Climate Change Division,
Engineering Staff College of India,
Old Bombay Road, Gachi Bowli, Hyderabad 500 032
Ph: Direct 040 6630 4120, 4122, Mob: 8374362306
Fax: 040-23000336, Email: em@escihyd.org

Faculty/Speaker Details

Apart from the core internal faculty, Experienced Professionals/Faculties/Sector experts will be delivering the lively lecture with practical knowledge & case study.

Course Fee

- **Residential Fee** – Rs. 16,000/- (Rupees Sixteen Thousand only) per participant. Fee includes course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme. ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- **Non-Residential Fee:** 10% discount on course fee is allowed for non-residential participants
- **Group Incentive:** 10% discount for five or more participants, if sponsored by the same Organization

GST @18% is to be paid extra over and above the training fee. **PAN Card No.** AAATT3439Q. **GST No:** 36AAATT3439Q1ZV, **HS No.:** 999293 (under commercial training or coaching services – clause 65(105) (ZZC) of Finance act – 1994).

Programme fee is to be paid in in favour of “**THE INSTITUTION OF ENGINEERS (INDIA)IE(I) – ENGINEERING STAFF COLLEGE OF INDIA**” in the form of demand draft payable at Hyderabad. Alternatively the payment may be made by **Electronic Fund Transfer (EFT)** to ESCI – **SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS. IFSC Code No. SBIN 0004159 – MICR No.500002075. PAN Card No AAATT3439Q; GSTIN No. 36AAATT3439Q1ZV.** While using EFT method of payment, please ensure to communicate us your company name, Contact details, our invoice reference and programme title. **Kindly provide your organization GSTIN No. along with your nominations**

Registration

Online registration shall be available on ESCI **web portal:** www.escihyd.org;

To register manually please send your nominations giving details of name, designation, organization name, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to: **Course Director**

A Certificate of participation will be awarded to each participant on conclusion of the programme.

Centre for Climate Change, Engineering Staff College of India

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