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DEPARTMENT OF MINING ENGINEERING & CENTRE FOR ENVIRONMENTAL STUDIES
COLLEGE OF ENGINEERING GUINDY
ANNA UNIVERSITY
CHENNAI -600 025

JOINTLY ORGANIZE

TWO DAYS

NATIONAL WORKSHOP ON ENVIRONMENTAL COMPLIANCE AND SUSTAINABILITY IN MINES (ECSM)

DATES
10TH & 11TH OCTOBER 2025,
FRIDAY & SATURDAY

VENUE
MUTHIAN AUDITORIUM
CENTRE FOR ENVIRONMENTAL STUDIES
CEG CAMPUS, ANNA UNIVERSITY,
CHENNAI.

REGISTRATION

- The Registration fee is **Rs.5900/- (Rs.5000 + 18% GST), Rupees Five Thousand Nine Hundred only (Rupees Five Thousand plus 18% GST).**
- The Registration payment shall be made in the name of **'The Director, CSRC, Anna University, Chennai – 600 025'** by Demand Draft (or) Cheque.
- Participation in the workshop is subject to confirmation by the organizer.

FOR MORE DETAILS, PLEASE CONTACT :

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OVERVIEW

Economic development depends on the mining industry to a large extent. Extensive exploitation of fossil fuels and strategic minerals has enabled incredible growth across the value chain for everything from plastics to EV car batteries. While this leads to a better quality of life – especially for developing economies – the resulting damage to the environment is bad enough that it may do the opposite. Soil erosion, water contamination, ecosystem disruptions and air pollution are all existential threats to human well-being caused by the mining industry. Solving these issues is one of the most fundamental problems facing sustainable development today. Meeting both the operational goals of the mining industry and the compliance standards set to be more sustainable is possible with a thorough systematic and scientific mining practices. With this background, Green and sustainable mining adopting practices that minimize pollution and emissions are deliberated and discussed with proponents and stake holders.

About Department of Mining Engineering:

The Department of Mining Engineering, College of Engineering Guindy, Anna University, Chennai, founded with a deep commitment to mining industry needs. The Department has a long tradition of producing committed and talented mining engineers. over 25 years of experience in training mining engineers and excellent international reputation, the department is actively involved in research contribute actively to solve the mining industry's present and future challenges.

About Centre for Environmental Studies, Anna University (CES):

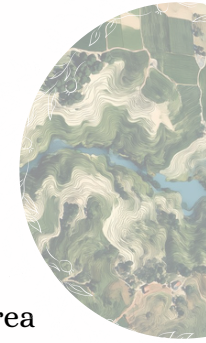
CES was established as a Division of Public Health Engineering in College of Engineering Guindy during 1955 with assistance from World Health Organization and developed as an autonomous Centre in 1982. CES is involved in fundamental and applied research work on treatment and reuse of wastewaters, management of solid and hazardous wastes as well as landfill management, emission and air pollution control. Other thrust areas include, degradation of emerging contaminants, environmental auditing, design for environment, life cycle and sustainability assessment etc.,

Key Speakers:

Experts and Regulatory authorities from the Ministry of Environment, Forest and Climate Change (MoEF & CC), SEIAA-TN/SEAC-TN, Tamil Nadu Pollution Control Board (TNPCB), Consultants, Academicians and Researchers.

Who can Participate?

Mine owners, Senior Executives, Mine Managers, Mining Engineers, Environmental Engineers, Hydrogeologists, Researchers, And Policy Makers dealing with complex environmental challenges in the mine.



Workshop Agenda

- Environmental compliances for sustainable mining
- Sustainable Development Goals and Mines
- Emerging technologies in mine water management
- Mine Reclamation techniques Greenbelt for mining area
- Productive agriculture in and around limestone mines
- Climate change Framework for Sustainability
- Environmental economics for Mines
- Predictive modeling in sustainable mining
- Carbon Trading Opportunities in Mining
- Health and Safety in Mines
- Panel Discussion
- Certificate ceremony.

What are the expected outcomes?

Through expert discussions, real-world case studies, and interactive sessions, participants will gain valuable insights into optimizing mine environmental management strategies. The sessions followed by a panel discussion will explore how environmental strategies can enhance decision-making, improve operating conditions, and support sustainable mining practices while ensuring regulatory compliance.