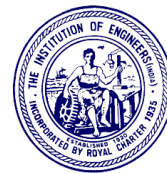




Engineering Staff College of India

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



Environment Management Division

CONTINUING PROFESSIONAL DEVELOPMENT PROGRAMME ON

Hazardous Waste Management: Generation, Processing, Treatment and Regulatory Compliance (2016 Rules with Amendments)

25-27 November 2026

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

Introduction

India's industrial growth has resulted in significant generation of hazardous and other wastes from sectors such as chemicals, pharmaceuticals, petroleum, metals, engineering, manufacturing and other industrial activities. CPCB's National Inventory for 2023–24 reports approximately 58.29 million tonnes of hazardous waste generation, highlighting the need for scientifically sound handling, processing, treatment, recovery and disposal systems.

The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 (HOWM Rules) establish requirements for the environmentally sound management of hazardous and other wastes, covering generation, storage, packaging, transportation, utilization, recycling, recovery, treatment, co-processing, disposal and transboundary movement. The regulatory framework has been updated through subsequent amendments, including amendments notified in 2023, 2024 and 2025.

This two-day programme provides a practical understanding of hazardous waste identification, generation and characterization, safe storage and handling, processing and treatment technologies, recycling and resource recovery, TSDF management, co-processing and regulatory compliance, with emphasis on practical implementation by industries and regulatory stakeholders.

Objectives

To develop practical understanding of hazardous waste generation, characterization, processing, treatment, disposal and environmentally sound management under the applicable regulatory framework.

To strengthen participants' ability to implement compliance requirements, improve waste minimization and recovery, and manage hazardous waste safely and efficiently.

Course Coverage

- Hazardous Waste Identification & Characterization- HOWM Rules, 2016 & Amendments
- Sources, Generation & Quantification
- Regulatory Compliance & Authorization
- Safe Storage, Handling & Transportation
- Waste Minimization & Resource Recovery
- Recycling, Utilization & Co-processing
- Treatment Technologies & Incineration
- Secure Landfill & TSDF Management
- Transboundary Movement & Import/Export
- Environmental Risk & Contaminated Sites
- Compliance Monitoring, Inspection & Enforcement
- Case Studies & Practical Exercises

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.

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

Centre for Promotion of Professional Excellence

Target Participants

- Environmental, EHS and health & safety professionals
- Industry and plant operations personnel
- Hazardous waste management personnel
- Environmental engineers and technical staff
- Laboratory and testing personnel
- SPCB/PCC and government officials
- TSDF, treatment, recycling and co-processing facility personnel
- Consultants and professionals involved in environmental compliance, risk management and pollution prevention

Apart from general workers, employees who are specifically assigned to collect, carry, dispose or transport hazardous items and wastes must undergo this course to gain complete awareness on safe disposal methods and regulations.

Managerial and Supervisory Personnel working in industry in Environment / Ecology/ Process/ Maintenance/ Stores/ Utilities/ R & D/ Project/ Quality/ Technical Services/ Laboratory /Safety & Health Departments. Officers from Professional HSE Institutes/ Organisations, Municipal Corporations and Hospitals. Officers from Enforcement Authorities – State Pollution Control Boards/ Factory Inspectorates.

Programme Dates, Prog. Code & Timings

Dates: 25-27 November 2026 (Prog. Code: EM 6121) & Timings: 10:00 AM onwards at ESCI Campus, Gachibowli, Hyderabad.

Course Director

Ms. Anita Aggarwal

Faculty & Head, Environment Management Division,
Engineering Staff College of India,
Old Bombay Road, Gachi Bowli, Hyderabad 500 032
Phone: Direct 040 66304120, 4122 / Fax: 040-66304163
Mob: 8374362306, 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

- **Course Fee (Residential) – Rs. 18,000/-*** (Rupees Eighteen 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 and above the training fee as training. **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) – 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, 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.** Or Contact us at : Mr. GNM. Rao (Prog. Manager) – 9866431555

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

Environment Management, Engineering Staff College of India

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