



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

Bio-Medical Waste Management : Compliance with the Rules, 2016 (Amended) and Latest MoEFCC/CPCB Standards including Digital Tracking & ESG Integration



07-09 April 2026

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

Introduction

Bio-Medical Waste Management (BMWM) has emerged as a critical compliance, public health, and environmental sustainability issue, especially in the post-COVID era. Healthcare facilities today face increasing regulatory scrutiny, stricter reporting requirements, digital monitoring systems, and heightened accountability for improper handling and disposal of biomedical waste.

In line with the Biomedical Waste Management Rules, 2016 (and subsequent amendments) notified by the Ministry of Environment, Forest and Climate Change, and the latest operational guidelines issued by the Central Pollution Control Board, this programme is designed to equip healthcare and regulatory professionals with practical knowledge, tools, and compliance-ready skills.

The programme focuses on end-to-end biomedical waste management, covering segregation, storage, transportation, treatment, disposal, digital barcoding & tracking, audit readiness, ESG considerations, and legal responsibilities of occupiers and operators.

Objectives

The key objectives of this 3-day programme are to:

- Provide a scientific and systematic approach to biomedical waste management
- Interpret legal, regulatory, and statutory provisions applicable to healthcare facilities
- Explain roles and responsibilities of waste generators, occupiers, and CBWTF operators
- Introduce latest treatment technologies and disposal practices
- Build capacity for documentation, reporting, and audit compliance
- Integrate environmental sustainability and ESG perspectives into BMWM practices.

Course Coverage

- Overview of Biomedical Waste Management Rules, 2016 (latest amendments), CPCB/SPCB guidelines, NGT directions, authorization process, annual returns, reporting requirements, and linkages with NABH, ISO and ESG compliance.
- Operational aspects including waste categorisation, segregation and colour coding, collection and internal transportation, barcoding and digital tracking systems, and proper record keeping and documentation formats.
- Treatment and disposal systems covering biomedical waste treatment technologies, Common Biomedical Waste Treatment Facilities (CBWTFs), guidelines for setting up CBWTFs, and closing the waste disposal cycle.
- Risk management in special situations such as pandemics, emergencies, health camps, veterinary institutions and animal houses, along with occupational health, infection control and safety measures.
- Internal and external audits, compliance checklists, audit readiness, financial and economic considerations, supported by case studies, group discussions and technical site visits (where feasible).

Methodology

Methodology of the programme includes classroom Sessions by expert faculty, 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

This programme will be useful to:

- ◆ Doctors, Paramedical Staff, Nurses, Managers and Executives of all Hospitals, Nursing homes, health care units, Clinics, Pathological Labs, Blood Banks, animal houses, etc. who generate, collect, receive, store, transport, treat, dispose or handle bio-medical waste in any form.
- ◆ Commissioners, Medical Health Officers, Sanitary Inspectors, Engineers and Managers of National Rural Health Mission, Municipal bodies, public health engineering departments, urban authorities and townships.
- ◆ Environmental Officers, Scientists, Professionals from Pollution Control Boards, Research Institutes, Consultants and NGOs involved in BMW management.
- ◆ Doctors, nurses, paramedical staff and hospital administrators, Managers and executives of hospitals, nursing homes and clinics
- ◆ Diagnostic laboratories, blood banks and veterinary institutions,
- ◆ Biomedical waste treatment facility operators, Municipal officials and public health engineers,
- ◆ Officers from pollution control boards and regulatory agencies,
- ◆ Environmental professionals, consultants, NGOs and researchers.

Programme Dates, Code & Timings

Dates: 07-09 April 2026, (EM 6107), Timings: 10 AM Onwards.

Course Director

Ms. Anita Aggarwal

Faculty & Head I/c. Environment Management Division
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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: Rs.18,000/-*** (Rupees Eighteen Thousand only) per participant (**Residential**). 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.
- **Online Fee : Rs.10,500/-** (Rupees Ten thousand and Five hundred only) per participant which includes soft copy of course lectures.
- **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) (ZCC) 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.