



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 – Handling & Safe Disposal Options with New Rules 2016 including field visits



06 – 08 April 2021

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

Introduction

Bio medical Waste Management is a crucial need in the country today. There is an increasing concern about harmful effects of biomedical waste. Bio-medical waste is infectious in nature. Inadequate management of biomedical waste can be associated with risks to healthcare workers, patients, communities and their environment as hospitals are located at prime areas of towns and cities. All these years, biomedical waste was being disposed along with municipal waste, unaware of its ill effects on environment. Due to rising legal and social concern, Ministry of Environment and Forest (MoEF) have framed separate rules for safe disposal of Municipal solid waste and Bio-medical waste (BMW).

Implementation of biomedical waste management rules has posed a new challenge to the hospital management. Many health care centres have not yet established standard practices for inventory and segregation of waste. There is a massive problem of bio-medical waste disposal as several hospitals collect the medical waste and dump them in open grounds rather than treating and disposing them in safe manner.

To ensure safe and proper disposal of biomedical waste, MoEF has notified Bio medical Waste (Management & Handling) Rules, 2016 under the Environment (Protection) Act, 1986 to replace the earlier BMW (M&H) rules 1998 and the amendments thereof. These rules shall apply to all persons who generate, collect, receive, store, transport, treat, dispose or handle biomedical waste in any form. The new rules stipulate that irrespective of the quantum of biomedical waste generation, every occupier of an institution which includes a hospital, nursing home, clinic, dispensary, veterinary institution, animal house, pathological laboratory, blood bank shall apply for grant of authorization to the prescribed authority. The rules make hospital and owner of the medical waste treatment facility liable for all damages caused due to improper handling of waste. In order to understand the rules, treatment technologies and scientific disposal of BMW this programme has been designed for the benefit of the participants.

Objectives

The objective of this 3-day programme is to provide information on scientific approach to the bio medical waste management by addressing the latest methods involved in safe handling and disposal options in line with the current and proposed legal & statutory requirements. The program focuses on the various provisions of Bio Medical Waste (Management & Handling) Rules, 2016 and its implications on the health care and associated sectors.

Course Coverage

- Latest Indian Scenario - Bio medical Waste Management (BMWM) in align with Covid-19
- The Bio medical Waste (Management & Handling) Rules, 2016 and BMWM (Amendment) rules
- BMW Treatment Equipment
- Bio Medical Waste Treatment Technologies and its disposal
- Guidelines and Criteria to set up Common Bio medical Waste Treatment Facility (CBWTF)
- Audit of Bio medical Waste management
- Role of Bio medical waste Generators, Authorities, Stakeholder and NGOs
- Future Challenges for Bio medical Waste Management, Environmentally Sound Management Techniques
- National Green Tribunal regarding compliance of Bio-Medical Waste Rules 2016
- Case Studies and Group discussions

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

Centre for Promotion of Professional Excellence

Methodology

Methodology of the programme includes lectures by expert faculty, case studies and practical demonstration and also Digital Learning through LMS Platform, Online Video Interactive sessions with Hand-on Practical, Lecture / Discussion with audio visual aid, bench marked video shows, chalk & talk sessions, online case studies, debates, sharing of experiences etc. All the sessions will be interactive demanding active participation from all the members.

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.

Programme Dates & Timings

Dates: 06 – 08 April, 2021

Timings: 9.30 AM Onwards. After Resistration Participant can access **ESCI LMS platform** for digital Learning.

Course Director

Ms. Anita Aggarwal

Faculty & Head I/c.

Environment Management Division,

Engineering Staff College of India,

Old Bombay Road, Gachi Bowli, Hyderabad 500 032

Phone: Direct 040 6630 4120 to 4122 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

- **Online fee** – Rs. 9,000/- (Rupees Nine Thousand only) per participant.
- **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

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) (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.esciupskill.org; / 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**

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

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