

# **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 Environmental Damage Assessment and Remediation Plan



05 – 07 December 2023

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

#### Introduction

Environmental Damage is occurring on a global scale. The pathway is a gravitational liquid flow, the harmful release being in the liquid phase and the receptor being an aquatic ecosystem. Many biomes are being damaged on a large scale by various factors. Global warming is pointed out as the main cause among many causes. Localized environmental destruction factors are also included. Massive environmental damage can cause negative feedback pathways in the ecosystem. In order to reduce the impact of environmental degradation related stakeholders and resource managers must be in position to deal with the long term effects and develop proper Environmental Remediation Plan.

Environmental remediation deals with the removal of pollution or contaminants from environmental media such as soil, groundwater, sediment, or surface water. Remedial action is generally subject to an array of regulatory requirements, and may also be based on assessments of human health and ecological risks where no legislative standards exist, or where standards are advisory.

To establish this its need of the hour to assess the environment damage and develop a proper mitigation plan.

#### **Objectives**

This Three days training programme is organized by ESCI with an intention to train and upgrade the knowledge of the related stakeholders on "Environmental Damage Assessment and Remediation Plan.

#### **Course Coverage**

- 1. Fundamentals and Guidelines-Environmental Damage, its Assessment and Remediation Plan
- 2. Valuation Methods for Environmental Damage and its Remediation Plan along with case studies
- 3. Overview of developing policies and strategies related to environmental remediation (ER)
- 4. Damage assessment methodologies used by World Bank and other countries
- 5. Legal and Statutory frame work by MoEF&CC
- 6. Planning and Process for Environmental Remediation and post-remediation activities.
- 7. Various Remediation Technologies
- 8. Case studies & Group Discussion

#### 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**

Commissioners, Medical Health Officers, Municipal and Public health engineers from Municipal Corporations, Municipal Administrative Departments, PHEDs, Town Planning Departments, Urban Local Bodies (ULBs), Development Authorities, Industrial Townships, Housing Boards, Officers, Managers and Scientists from Pollution Control Boards, Research Institutions and This programme will be useful to Engineers, Executives, Project Proponent and Managers etc. from all Industries, Government, Public and Private sector involved in Environment Clearance process. This course is useful for decision makers, engineers and managers working in the areas of project formulation including Environment and Forest clearances in various development projects from various sectors, Regulatory authorities, Academicians, Environmental consultants, Project proponent, EIA Coordinators and function area experts etc..

#### Programme Dates, Code & Timings

Dates: 05 – 07 December 2023 (EM 6096) / 10:00 AM onwards.

#### **Course Director**

#### Ms. Anita Aggarwal

Faculty & Head I/c., Environment Management Division, Engineering Staff College of India Phone: Direct 040 6630 4120, 4122; Fax: 040-66304163 Mob: 8374362306; Email: <u>em@escihyd.org</u> (or) Contact us at: Mr. GNM. Rao (Prog. Manager) – 9866431555.

#### 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. 16,000/- (Rupees Sixteen Thousand only) per participant. Fee (Residential) 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) – 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** 

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

Environment Management, Engineering Staff College of India Gachi Bowli, Hyderabad – Telangana 500 032 Phone: 040 – 66304120, 66304122, Fax: 040 – 66304103 Email: em@escihyd.org, web portal: www.escihyd.org