



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

Water Pollution Monitoring & Modelling using Software Applications – Theory & Practicals.



03 – 05 September 2024

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

Introduction

Environmental impact assessment is a decision-making planning tool used to systematically identify, predict, evaluate, and mitigate potential impacts of a current or proposed project on the environment and on society. The main purpose of environmental impact assessment is to provide information to planners and decision-makers so that they can determine the best solution that minimizes biophysical, social and other significant effects of the project prior to major decisions being taken and commitments made.

Water pollution analysis, monitoring and modeling, both for surface as well as below ground is an important component in EIA studies.

As everybody is aware, the various schemes of government insist on water conservation, pollution prevention, water reuse. To strengthen further the knowledge and skills level of participants and the organization, ESCI is planning to conduct this 3-day programme on Water Pollution Monitoring and Modeling using Software Application.

Objectives

- To understand the Water Pollution aspects and its analysis with standardized method.
- To emphasize on Water Pollution monitoring and Modeling with hands-on software practice.
- To Frame water pollution prevention and conservation plan.

Course Coverage

The programme is designed to cover the following topics:

- EIA – Process and Procedures with latest amendments as per MoEF Guidelines, Govt. of India
- Water Pollution - Rules and Regulation
- Water Quality Assessment
- Guidance for assessment of representativeness and reliability of baseline environmental attributes for water (surface and ground) and waste water characterization.
- Criteria for selection of sampling locations, type of samples and parameters for surface water, ground water and effluents.
- Water Pollution Monitoring and modeling
- Water pollution prevention plan
- Software demonstration and Hands-on Practice
- Case studies, Group discussion

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

Centre for Promotion of Professional Excellence

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.

Target Participants

This course is useful for engineers and managers working in the areas of project formulation including Environment and Forest clearances in Public and Private Sectors, Government Departments (undertaking Development Projects), Regulatory Boards, Consultancy firms, R&D & Educational Institutions, NGOs etc. Engineers & Executives involved in Water Pollution Monitoring and Modeling from different sectors can also attend the programme.

Programme Dates, Code & Timings

Dates: 03 – 05 September 2024 (EM 6060), Timings: 10:00 AM onwards.

Course Director

Ms. Anita Aggarwal

Faculty & Head I/c.

Environment Management Division, ESCI

Phone: Direct 040 6630 4120, 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

- **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. 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) (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.

Environment Management, Engineering Staff College of India

Gachi Bowli, Hyderabad – Telangana 500 032

Phone: 040 – 66304120, 66304122, Fax: 040 – 66304163

Email: em@escihyd.org, web portal: www.escihyd.org