



Engineering Staff College of India
Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032

WATER RESOURCE DEVELOPMENT DIVISION



Continuing Professional Development Programme on
**Soil & Water Conservation : Importance and
Best Practices**
17 – 19 March, 2025



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

Centre for Promotion of Professional Excellence

INTRODUCTION

Soil and water are the most important natural resources and these are too precious for the mankind as they meet all the needs and protect the civilizations well as environment. Effective management of natural resources is fundamental to ensuring food and nutrition security and preventing further land degradation.

The Indian Council of Agricultural Research estimates that 37 % of India's land is affected by land degradation. Soil erosion is a major problem, with India losing about 5.3 billion tons of soil every year. NITI Aayog says that Reduced Water Consumption by working with diverse crops that help each other and cover the soil to prevent unnecessary water loss through evaporation, Natural farming optimizes the amount of “crop per drop”. And also rejuvenates soil health as the most immediate impact of natural farming is on the biology of soil.

The Indian government has implemented several schemes and programs to promote sustainable agriculture and soil health management. Implementation of Watershed Development Programems in an integrated manner with holistic approach certainly paves the way to meet the challenges posed by the drought conditions especially in drought prone areas of our country

OBJECTIVE

The proposed training programme aims at updating the knowledge and upgrading the skills of the serving Irrigation Engineers, Agriculture Officers, Officers of Forest Department, Scientists, Sociologists, administrators and others involved in Irrigation and Agriculture development and management and also drought management.

COURSE COVERAGE

The programme is structured to cover broadly the following areas:

- ❖ Overview on Importance of soil & water Conservation
- ❖ Forces involved in soil erosion, sedimentation runoff and water Management
- ❖ Soil and Water Conservation Structures – Design and Construction
- ❖ Soil management for Controlling land degradation
- ❖ Conservation Practices for agriculture and Non-Agriculture lands
- ❖ Integrated Watershed Management – Concepts and Management
- ❖ Soil & water Conservation – Best Practices
- ❖ Convergence of various Programmes with integrated watershed Management Programme.
- ❖ Impact of Watersheds – Case Studies
- ❖ Field Visits

METHODOLOGY

Methodology includes class room lectures with audio visuals, Hands-on Sessions on Software Applications, interactive sessions through group discussions, case studies etc. Emphasis would be laid on sharing of experiences of participants. Active participation is solicited from participants. Medium of training is English.

TARGET PARTICIPANTS

The course is meant for Junior and Middle as well as Senior level Engineers and other officers associated with Water-shed Development & Management and also Drought Management specially from the depts. of Agriculture, Water Resources, Rural Development, Panchayat Raj, DWMA's, DRDAs and other allied Depts. of both State and Central Govts.

PROGRAMME VENUE

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad - 500032, Telangana, India.

DATES

17 – 19 March, 2025

TIMINGS

On the first day registration will commence at 0900 Hrs. On all other days the programme timings will be from 0945 to 1715 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

Er. M. Rajasekhar Reddy, M.E, FIE

Former – Chief Engineer
Panchayat Raj Engg. Dept.,
Govt. of Telangana

Senior Faculty and Head

Contact details: 040-66304117 (D)

Er. G Naresh, M.Tech (Ph.D), MIE

Faculty

Mobile : +918801193075

COURSE FEE

Residential Fee is Rs.16,500/- per participant. Residential fee includes course material, course kit, and twin-sharing / single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks.

DISCOUNTS

Non-Residential Fee: 10% discount on course fee is allowed for non-residential participants.

Group Discount: Additional 10% discount for three or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI before the commencement of the programme)

GST @18% as applicable is to be paid extra over and above the training fee. **PAN Card No** AAATT3439Q; **GSTIN** 36AAATT3439Q1ZV (under commercial training or coaching services).

Programme fee is to be paid in favour of “**IE(I)-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. **While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.**

REGISTRATION

Online registration shall be available on ESCI website. To register manually, please send your nominations giving details of name, designation, contact address, email address, mobile, telephone and fax numbers of the participant along with the details of mode of payment of fee, addressed to:

Head

Water Resources Development Division

Engineering Staff College of India

Gachi Bowli, Hyderabad – 500 032

Phone: 040 – 66304117 – 9 (Dir.) 23000465 (EPABX): Extn: 4117– 9

Fax: 040 - 23000336

E-Mail : wrd_esci@yahoo.com; wrd@escihyd.org

Url : www.escihyd.org

CERTIFICATE: A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will facilitate pickup and drop from Airport / Railway Station/ Bus stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participants directly to the cab.
- ESCI provides complimentary accommodation to participants a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00Hrs) one day after conclusion (Check out at 12:00 hrs) of the programme duration.
- Overstay charges of @ Rs.990/- per day, per head will be charged.
- Well developed Information Centre and internet facilities are available to the participants.