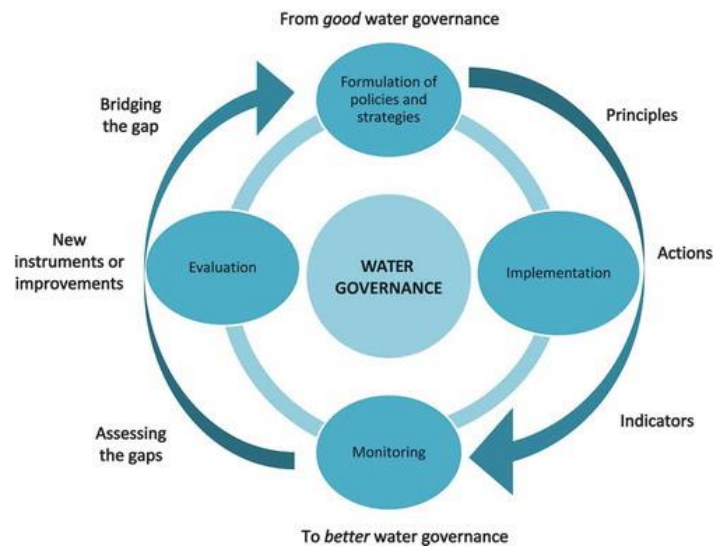




Engineering Staff College of India
Autonomous Organ of The Institution of Engineers (India)
Old Bombay Road, Gachi Bowli, Hyderabad – 500 032

WATER RESOURCE DEVELOPMENT DIVISION



Continuing Professional Development Programme on
Water Governance – Challenges and the way forward
05 – 07 March, 2025



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

Centre for Promotion of Professional Excellence

INTRODUCTION

The country's water resources are important for its socio-economic development. India has only 4% of the World's fresh water and average annual water availability is 2115.95 BCM. This limited availability, over exploitation, Changing climate scenario, the need for Sustainable Water Management. However, water resource management in India faces challenges such as pollution, over-extraction, and climate change.

According to the National Water Policy to promote its conservation and efficient use, prioritizing safe drinking water and sanitation as pre-emptive needs, followed by allocation for basic domestic needs, food security, and minimum ecosystem needs before considering other uses. It also emphasizes the need for a national water framework law and comprehensive legislation for inter-state river management, while considering climate change adaptation strategies in water resource management. Irrigation is of tremendous importance to global food security but it faces uncertainty in water supply due to less efficient irrigation system as well as increased competition from municipal and industrial water needs. Agriculture is the largest consumer of fresh water resources. Presently, it meets the water demand to produce required foods, but inadequate for future demand. According to OECD environmental outlook 2050, India would face severe water crisis by 2050. Industries play a significant role in water governance as major consumers of water, often competing with other sectors for limited resources, and also contributing significantly to water pollution through their wastewater discharge, making responsible water management practices crucial for their operations and environmental sustainability.

Water governance is essential for achieving the Sustainable Development Goals, it can help alleviate poverty by ensuring access to water for daily survival and also protect the environment by ensuring the sustainability of water resources.

OBJECTIVE

The Proposed training program aims at providing an opportunity to the Irrigation, Agriculture, Water Supply, Rural Development Engineers and others other officials who involved in Water Sector to enhance their knowledge and skill on Water demand, implementation, and decision making of the Water Resources effectively.

COURSE COVERAGE

The programme is structured to cover broadly the following areas:

- Overview on Water Resources of India
- National Water Policy
- Principle of Water Governance

- Water Governance Framework
- Integrated Water Resources Development and Management(IWRDM)
- Climate Change Impact on Water Resources
- Water Pricing Mechanism
- Water Management Practices
- Water Quality issues and Ground Water Exploitation
- Field Visit

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 programme is meant for all level officers involved in Irrigation, Drinking Water Supply , Agriculture Depts. of State Govts, and Central Government, Water & Soil Conservation Departments, NABARD, Rural Development, Research & Development Organizations, Consultants, Academicians and others involved in Water Resources Development and Management .

PROGRAMME VENUE

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

DATES

05 – 07 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.