Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. TS, India

ESCI

WATER RESOURCES DEVELOPMENT DIVISION

Continuing Professional Development Programme on

Water Use Efficiency and Benchmarking of Irrigation Systems

05 – 08 August, 2019

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

Centre for Promotion of Professional Execellence

INTRODUCTION

Performance is a measure of excellence of any system, and Water Resources Sector is no exception. In a comprehensive review of the Indian Irrigation Sector in 1991, the World Bank cautioned that "India will be critically dependent on better performance from Irrigation". The Review identified four thrust areas. (a) Forging a Coherent Water Policy, (b) Prioritizing Investment and getting Control of Expenditure, (c) Improving Productivity and ensuring sustainability and (d) Building Critical Capacity within the Public and Private Sectors in order to manage the sector more efficiently and effectively.

Traditionally Water Policy and Particularly with regard to irrigation sector in our country is paid little attention as far as efficient use of the resource concerned.

Despite Irrigation sector contribution to agriculture which registers 28% of GDP and 67% of employment in the country there has been serious concerns over its poor performance and its ability to ensure Indian Food Security.

The typology of irrigation management issues facing India are common to many developing countries. Most of these relate to public sector managed surface irrigation systems which are necessarily to be handled at the level of respective states. These issues include poor water management without accountability, progressive deterioration of canal & distributary systems, no link between irrigation services provided and revenue generated, subsidized water charges, no incentives for efficient water use etc.

National Water Policy also emphasizes that there is a need to give greater emphasis on the improvement of the performance of the existing Water Resources facilities. Performance of Irrigation Sector means more productive and efficient use of Water – More crop per drop. Bench Marking of Irrigation Projects is widely accepted tool world over to achieve this objective. Therefore, allocation of funds under the Water Resources Sector should be re-prioritized to ensure that the needs for development as well as operation and maintenance of the facilities are met."

Performance Improvement therefore needs strategies to focus on crucial action areas and exploiting hidden irrigation potential within the existing system.

OBJECTIVE

This programme is designed to discuss performance improvements needed in water resources sector, with particular reference to Irrigation, and to expose participants to interactive class room sessions, group discussions and field visit to share their experiences with co-participants and the invited expert speakers.

COVERAGE

- Guidelines of National Water Policy 2012 on Performance Improvement.
- Issues in Irrigation Management.
- Water use efficiency in Irrigation Systems.
- Irrigation System: Performance Indicators and bench marking.

- Operation and Participatory Irrigation Management.
- Innovations, Technical Improvements.
- Field Visit to an Irrigation System.
- Modernizing Irrigation Systems - IWRM of Global Water Partnership and the MASSCOTE Approach of FAO.

METHODOLOGY

Course will consist of class room lectures, group discussions, sharing of experiences and Case Studies, which demands full participation of the participants not only as learners but also as knowledgeable practitioners in their own fields.

TARGET PARTICIPANTS

The course is meant for Junior & Middle level engineers of Irrigation, Water Resources Development & Public Works Departments of State Govt. and Officers Research & Development in Water Resources and others interested in Water Resources Sector Development and Management.

PROGRAMME VENUE, DATES & TIMINGS

VENUE :

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

DATES

05 – 08 August, 2019

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
K Muralidhar, M.Tech, PGDM-IM
Sr. Faculty
WRD Division

ADVISER
M. Rama Mohan
(Former Chief Engineer
RWS&S Dept., Andhra Pradesh
Former Director SBM Govt. of Telangana)
Adviser, WRD Division

COURSE FEE

Residential Fee is Rs.20,000/- 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, as training is also brought under the purview of Service Tax. **PAN Card No** AAATT3439Q**; GST No** 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, mobiles no, telephone and fax number 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@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.