

FLUID CONTROL RESEARCH INSTITUTE : PALAKKAD

e – ITEC Training course

Water transmission and distribution engineering

Course Details:

Course on Water transmission and Distribution Engineering has been designed to provide an in depth knowledge of water transmission, flow measurement and related fields. This course has been developed to cater to a broad spectrum of peoples working in water industries. Design of gravity and pumping mains, Hydraulic transients in transmission systems, Simulation of water distribution networks and optimization of water supply network using EPANET are the major topics covered in this training program.

The training also covers various aspects of water metering, Types of water meters, application, specification of water meters as per IS, OIML and ISO standards, selection of water meters and testing of water meters as per International standards.

Course Schedule:

Sl No	Date	Time IST (Indian Standard Time)	Topic
1	21/08/2023	14.00Hrs –14.40 hrs 14.45hrs - 15.00hrs 15.00hrs - 16.00 Hrs 16.00Hrs - 16.15Hrs 16.15hrs -17.15 hrs	Corporate video of FCRI Welcome address-DIRECTOR,FCRI Initial on-line Test Break Design of Gravity and Pumping Main
2	22/08/2023	15.00Hrs – 16.00hrs	Simulation of water Distribution Networks
3	23/08/2023	15.00Hrs – 16.00hrs	Optimization of water supply networks (EPANET)
4	24/08/2023	15.00Hrs – 16.00hrs	Hydraulic Transients in Transmission Systems
5	25/08/2023	15.00Hrs – 16.00hrs 16.00Hrs – 16.15Hrs 16.15Hrs – 17.15Hrs	Water meters Selection and testing Break Final on- line Test

Technical requirement at far - end/participants end :

Good network coverage

Microsoft Teams, Gmail, Google drive,

Online platform(s) used by the Institute :

Microsoft Teams, Gmail, Google drive