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Dr. G. Dhinagaran

Assistant Professor (Sl. Gr)

Centre for Environmental Studies,
Anna University, Chennai, India

Ms. M. S. Keerthana Rani

Assistant Professor

Centre for Environmental Studies,
Anna University ,Chennai, India



CENTRE FOR ENVIRONMENTAL STUDIES
DEPARTMENT OF CIVIL ENGINEERING
COLLEGE OF ENGINEERING GUINDY
ANNA UNIVERSITY, CHENNAI -600 025

&

TECHAPPS CONSULTING
in Association with
BENTLEY EDUCATION

“Bentley Educator Excellence Program”

ORGANISE
TWO DAYS FACULTY DEVELOPMENT PROGRAMME
ON

“Smart Water Distribution Network Design and Analysis Using Bentley OpenFlows WaterGEMS”

DATE

29th & 30th JANUARY 2026

VENUE

MUTHIAN AUDITORIUM
CENTRE FOR ENVIRONMENTAL STUDIES
CEG CAMPUS, ANNA UNIVERSITY,
CHENNAI.

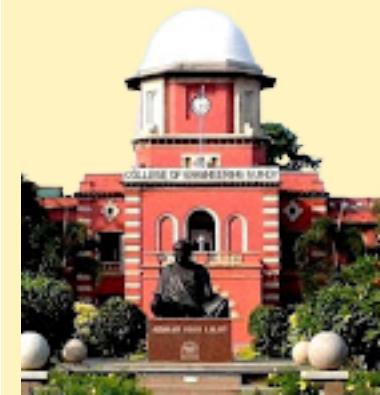
PARTICIPANTS :

FACULTY MEMBERS OF CIVIL
ENGINEERING DEPARTMENT OF
UNIVERSITY DEPARTMENTS,
GOVERNMENT ENGINEERING COLLEGES
&
CONSTITUENTS COLLEGES
OF
ANNA UNIVERSITY



<https://forms.gle/wfuqPquJodURciCi7>

REGISTRATION HERE



ABOUT ANNA UNIVERSITY

Anna University, established in 1978 and located in Chennai, Tamil Nadu, is one of India's premier technical universities dedicated to excellence in engineering, technology, and applied sciences. The university focuses on fostering innovation, research, and sustainable development through education. With a strong commitment to addressing real-world challenges, Anna University integrates modern technological advancements with social and environmental responsibility. Its multidisciplinary approach encourages students to develop sustainable solutions for the future, aligning with the global Sustainable Development Goals (SDGs).



About Department of Civil Engineering

Department of Civil Engineering, Anna University, shall strive hard to develop and impart technical knowledge and professional skills required for Civil and Geo-Informatics Engineering practice through excellence in teaching, research and consultancy to address sustainable infrastructure development needs at local, national and international levels.

About Centre for Environmental Studies, Anna University (CES):

CES was established as a Division of Public Health Engineering in College of Engineering Guindy during 1955 with assistance from World Health Organization and developed as an autonomous Centre in 1982. CES is involved in fundamental and applied research work on treatment and reuse of wastewaters, management of solid and hazardous wastes as well as landfill management, emission and air pollution control. Other thrust areas include, degradation of emerging contaminants, environmental auditing, design for environment, life cycle and sustainability assessment etc.,



Smart Water Distribution Network Design and Analysis Using Bentley OpenFlows WaterGEMS

Topics to be covered in the 2 days Faculty Development Programme (FDP) on Smart Water Distribution Network Design and Analysis Using Bentley OpenFlows WaterGEMS

- ✓ Building a Network and Performing a Steady - State Analysis
- ✓ Extended Period Simulation
- ✓ Creating Demand Patterns
- ✓ Scenario Management
- ✓ Fire Flow Analysis
- ✓ Water Quality Analysis

 Followed by a Live Demo of Live projects from Corporates

Trainers:

The trainers will be from the TechApps Consulting and Bentley Education.

Who can attend ?

Faculty members of Civil Engineering Department of University Departments, Government Engineering Colleges and Constituents colleges of Anna University. (Restricted to 50 participants

Expected Outcome:

The trained faculty members are expected to pitch in projects to their students by application of the OpenFlows WaterGEMS.

