

## ORGANIZING COMMITTEE

### CHIEF PATRON

**Dr. P. Sankar, I.A.S.**

Secretary to Government,  
Higher Education

Department, Government of Tamil Nadu

**Tmt. J. Innocent Divya, I.A.S.,**

Commissioner of Technical Education,  
Directorate of Technical Education,  
Government of Tamil Nadu

**Dr. B.T.N. Sridhar**

Member

Convener Committee,  
Anna University, Chennai, India

### PATRON

**V. Kumaresan**

Registrar i/c

Anna University, Chennai, India

**Dr. P. Hariharan**

Dean, CEG,

Anna University, Chennai, India

### CONVENORS

**Dr. S. Kanmani**

Professor & Head

Department of Civil Engineering  
Anna University, Chennai, India

**Dr. S. Karthikeyan**

Director

Centre for Environmental Studies,  
Anna University, Chennai, India

### CO-ORDINATOR

**Dr. G. Dhinakaran**

Assistant Professor (Sl. Gr)

Centre for Environmental Studies,  
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**Ms. M. S. Keerthana Rani**

Assistant Professor

Centre for Environmental Studies,  
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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

**29<sup>th</sup> & 30<sup>th</sup> JANUARY 2026**

## VENUE

**MUTHIAN AUDITORIUM**

**CENTRE FOR ENVIRONMENTAL STUDIES  
CEG CAMPUS, ANNA UNIVERSITY,  
CHENNAI.**

**REGISTRATION FREE !**

**Last date to  
Register  
23/01/2026**

## PARTICIPANTS :

**FACULTY MEMBERS OF CIVIL  
ENGINEERING DEPARTMENT OF  
UNIVERSITY DEPARTMENTS,  
GOVERNMENT ENGINEERING COLLEGES**

&

**CONSTITUENTS COLLEGES  
OF  
ANNA UNIVERSITY**



<https://forms.gle/wfuqPquJodURciCiz>

**REGISTRATION HERE**



TechApps



## 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.

