

# The Institution of Engineers (India)

## ERODE LOCAL CENTRE

### One Day Seminar on SUSTAINABLE TECHNOLOGIES FOR INTELLIGENT WATER AND ENVIRONMENTAL MANAGEMENT (World Water Day)

20<sup>th</sup> March, 2020

#### REGISTRATION FORM

1. Name:.....
2. Age:..... & Gender.....
3. Qualification: .....
4. Designation: .....
5. Name of the Institution: .....
6. Department: .....
7. Address for Communication: .....
8. Mobile Number: .....
9. Email ID: .....

Date : Signature of Applicant

#### Completed Application form must be sent to:

The Organizing Secretaries  
IE(I) One Day Seminar  
Department of Civil Engineering  
Velalar College of Engineering and Technology  
Thindal, Erode - 638 012.  
Mobile: 97502 34615, 75029 33231 E-mail:  
vcetciviliei@gmail.com

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Thiru.S.D.Chandrasekar, Secretary and Correspondent,  
VCET

#### PATRON

Dr. M. Jayaraman, FIE, Principal, VCET

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Prof. L.Peter Stanley Bebington, Dean (A), VCET

Prof. P.Jayachandar, Dean (SA), VCET

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##### Convener:

Dr. E.Ravi, FIE.,  
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Mr. G.Srinivasan, FIE., Associate Professor-  
Builders Engineering College,  
Executive Committee Member,

Environmental Engineering Division, IE(I)-ELC.

# The Institution of Engineers (India)

AN ISO 9001-2008 CERTIFIED ORGANISATION  
(Established In 1920, Incorporated By Royal Charter 1935)  
"100 Years of Relentless Journey Towards Engineering  
Advancement For Nation Building"

### One Day Seminar on SUSTAINABLE TECHNOLOGIES FOR INTELLIGENT WATER AND ENVIRONMENTAL MANAGEMENT (World Water Day)

20<sup>th</sup> March, 2020

Organized by



# The Institution of Engineers (India)

## ERODE LOCAL CENTRE

TEXVALLEY CAMPUS, GANGAPURAM,  
ERODE - 638 102.

Under the Aegis of

Environmental Engineering Division Board  
(ENDB) of IE (I)

In Association with

Department of Civil Engineering



## VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (Autonomous)

(NAAC Accredited with 'A'Grade)  
Thindal, Erode - 638 012, Tamil Nadu  
Website : [www.velalarengg.ac.in](http://www.velalarengg.ac.in)  
E-mail : [vcetciviliei@gmail.com](mailto:vcetciviliei@gmail.com)

Venue: Conference Hall

## ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IE(I) is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of more than 0.7 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern day engineering. In 1935, IE(I) was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 122 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects. IE(I) conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: [www.ieindia.org](http://www.ieindia.org)

## ABOUT THE ERODE LOCAL CENTRE [ IE(I)-ELC ]

The Erode local Centre has been one of the active centres of IE(I) which is engaged in successfully translating the objectives and ethics of IE(I) in to practices. The Centre was established in the year 2015. For more information, Please contact IE(I) Erode Local Centre, Texvalley Campus, Gangapuram, Erode - 638102, Mobile No: 93644-51464 email ID: [ieierode2015@gmail.com](mailto:ieierode2015@gmail.com) / [erodelc@ieindia.org](mailto:erodelc@ieindia.org).

## ABOUT THE ASSOCIATE ORGANIZATION

Velalar College of Engineering and Technology, Thindal, Erode is a self-financing co-educational institution established in the year 2001 with all the necessary infrastructural facilities provided through the vision of Vellalar Educational Trust that ably governs the institution. The college is approved by the AICTE, New Delhi, affiliated to Anna University, Chennai and is accredited by NAAC with 'A' Grade. This institution offers 7 UG & 5 PG programmes. The following programmes were accredited by NBA, New Delhi, Viz. BME, CSE, ECE, EEE and IT. The institution has been conferred with autonomous status by UGC, New Delhi from the academic year 2016-2017 onwards. There are six research centres in the institution viz. Chemistry, Management studies, EEE, ECE, CSE and Physics.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the academic year 2012-2013. It offers UG degree in Civil Engineering. Since inception, the department provides an encouraging environment and imparts the latest advancements in knowledge and skills through innovative methods of teaching. The Department has qualified faculty members with well-equipped laboratories. The consultancy work has been carried out more than 10 lakhs through Structural design, Water quality assessment, Electronic surveying, Material testing, Soil investigation, Analysis and Design of foundation. The grant has been received from various funding agencies like CSIR, ICMR, TNSCST, AICTE & ISTE. Also organized the programme on "Retrieval of Tamilnadu River Strategies and Action Programme" by Water man of India Dr.Rajendra Singh during September 2017.

## OBJECTIVE OF THE SEMINAR

India is one of the few countries that is endowed with abundant land and water resources. Majority of its population relies on agriculture for sustenance. Since independence, considerable efforts have been made for attaining food security to meet the increasing demand of food for its growing population and there has been are markable success. Even

though many lessons have been learned over the past, water supply and sanitation has shifted from being a purely technical issue to a field in which community participation and health education have received more attention. Integral water and sanitation management has become more of a rule than an exception. The enduring changes in the environment and the increasing input of emerging contaminants into the ecosystem requires higher research to understand the primary and secondary effect of contaminants and needs novel techniques, conceptual and methodological approaches in relating pollution and ecological alterations and to achieve the targets of Sustainable Development Goals (SDG's). The central concern of this seminar is to bring together scientific experts of various fields an representatives of the government departments and water managers, NGO's and others with an intention to exchange expertise from different perspectives.

## THEME OF THE SEMINAR

- Sustainable Rainwater harvesting and recharge methodologies.
- Sustainable Storm water management.
- Surface Water quality and pollutant control.
- Intelligent Solid Waste Management.
- Current trends in Wastewater Treatment.
- Strategies for sustainable Environmental management.
- Industrial waste Management.

## KEY NOTE SPEAKERS

Eminent speakers from reputed institutions and Government sectors.

## IMPORTANT DATES

Last Date for Registration	: 16.03.2020
Intimation of Selection	: 17.03.2020
Confirmation by Participants (Through mail)	: 18.03.2020