

## ABOUT THE INSTITUTION

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 Velalar 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. Five programmes viz., BME, CSE, ECE, EEE and IT are accredited by NBA. UGC conferred Autonomous status to VCET in the year 2016. The institution has completed sixteen years of dedicated, excellent service in the field of technical education. This institution offers 7 UG & 6 PG programmes and the departments of Physics, Chemistry, Management studies, EEE and ECE are recognized research centers of AU. The college has signed Memorandum of Understanding with many leading corporate and multi-national companies to enable the faculty and students to gain practical knowledge and exposure to industrial environments.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was started during the year 2012. It has state-of-the-art infrastructural facilities with a well-experienced, dedicated team of faculty members. The Department has signed MoU with various core companies and has collaboration for Research & Development / Student Projects / Consultancy works. Since inception, the department provides an encouraging environment and imparts the latest advancements in knowledge and skills through innovative methods of teaching.

## ABOUT THE PROGRAMME

The course shall provide the participants with new insights and knowledge on the following:

- ✓ Raise awareness about Nearly Zero Energy Buildings
- ✓ To discuss what Nearly Zero Energy Buildings are, their importance in the Indian context, various definitions and vocabulary related to the concept
- ✓ To understand the mechanisms adopted in other countries regarding Nearly Zero Energy Buildings, their impact and challenges of Nearly Zero Energy Buildings implementation in India
- ✓ Provide guidance for integrating renewable energy technologies and energy efficiency in Nearly Zero Energy Buildings

## HOW TO REACH?

The college is situated at Thindal, which is about 8 km from Erode Railway Station and Erode Bus stand, on the Erode - Perundurai state Highway. The journey takes about 10 minutes from Erode.

## ADDRESS FOR CORRESPONDENCE

The coordinators,  
Seminar on Zero Energy Buildings,  
Department of Mechanical Engineering,  
Velalar College of Engineering &  
Technology,  
Thindal, Erode -638012.  
Mail: vcetzebs@gmail.com  
Mobile no: 8667204042, 9578264278

**One Day National Level Seminar  
on**

**MODERN HVAC SYSTEMS FOR  
NEARLY ZERO ENERGY  
BUILDINGS  
JULY 22, 2017**

**Sponsored by**



**Council of Scientific & Industrial  
Research (CSIR)**

**Organized by**

**Department of Mechanical Engineering**

**VELALAR COLLEGE OF  
ENGINEERING AND TECHNOLOGY**

**(Autonomous)**

**(Approved by AICTE and Affiliated to  
Anna University, Chennai)**

**Accredited by NAAC with 'A' Grade  
&**

**Accredited by NBA for B.E. - BME, CSE, ECE, EEE  
& B. Tech (IT) Programmes**

**Thindal, ERODE - 638012, Tamil Nadu.**

**Ph: 0424-2244201-204 & 206**

**Fax: 0424-2244205**

**Email : vcetzebs@gmail.com**

**Website : velalarengg.ac.in**

## **ORGANIZING COMMITTEE:**

### **CHIEF PATRON**

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

### **PRESIDENT**

Dr. M. Jayaraman, Principal

### **VICE PRESIDENTS**

Prof. L.Peter Stanley Bebington, Dean (Academics)

Prof . P.Jayachandar,Dean (Student Affairs)

Dr. L.M.Palanivelu, Dean (Placement)

### **CONVENER**

Dr. M. Jayaraman, Principal

### **ADVISOR**

Dr. R. Kumaravelan, Professor & Head

### **CO-ORDINATORS**

Dr. S. Velumani, Professor

Mr. M. Gokul, Assistant Professor

### **REGISTRATION FEE**

Registration Fee Rs. 200/- Per Participants.

Number of participants for the seminar is limited. Registration would be confirmed on a first come first serve basis.

### **ACCOMMODATION**

Paid accommodation for the participants can be arranged in the hostel on request.

## **TARGET AUDIENCE**

- ✓ Faculty Members
- ✓ Research Scholars
- ✓ Practicing Engineers
- ✓ UG/PG Students

## **IMPORTANT DATES**

Submission of Registration form: 14.07.2017

Intimation of selection (by mail): 17.07.2017

Confirmation by participants : 19.07.2017

Registration can also through with the below link: [goo.gl/tmjQZg](http://goo.gl/tmjQZg)

## **COURSE CONTENTS**

- ✓ Zero Energy Buildings: A Critical Look at the Definition
- ✓ Technologies Used in Zero Energy Buildings
- ✓ Indian Context for Zero Energy Buildings
- ✓ How to Achieve Zero Energy Buildings
- ✓ Case Study of using Alternative Cooling Technology – Radiant Cooling

## **RESOURCE PERSONS**

The course content will be delivered from a pool of experts on the subject from leading industries and prestigious academic institutions.

## **CSIR Sponsored One Day National Level Seminar on**

## **MODERN HVAC SYSTEMS FOR NEARLY ZERO ENERGY BUILDINGS JULY 22, 2017**

### **REGISTRATION FORM**

Name: Dr./Mr./Ms.

Designation:

Department:

Institution:

Address for communication:

Mobile No. :

E-mail :

Accommodation required: Yes / No

Place:

Date:

Signature of the Participant

### **SPONSORSHIP CERTIFICATE**

Dr./Mr./Ms. \_\_\_\_\_  
is an employee / UG / PG Students of our institution. He / She will be permitted to attend the programme if selected.

Signature of Head of the Dept./Institution  
(with the official seal)