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. Four programmes viz., BME, CSE, ECE and EEE are accredited by NBA. UGC conferred Autonomous status to VCET in the year 2016. The institution has completed fourteen 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 primary objective of this two days hands on training is to provide an opportunity for young faculty members from various engineering colleges to enrich their knowledge in the basics of "Finite Element Analysis". This will equip the faculty with updated knowledge to teach the subject in an effective way and also enable them to offer design projects in this specialization.

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 coordinator,
Hands on training on FEA,
Department of Mechanical Engineering,
Velalar College of Engineering & Technology,
Thindal, Erode -638012.
Mail: vcetfeaws@gmail.com
Mobile no: 9750286727, 9965941502, 9443563481.

A Two Day Hands on Training on

APPLICATIONS OF FINITE ELEMENT ANALYSIS IN MECHANICAL ENGINEERING

DEC 02-03, 2016

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 Programmes

Thindal, ERODE - 638012, Tamil Nadu.

Ph: 0424-2244201-204 & 206
Fax: 0424-2244205

E-mail: vcetfeaws@gmail.com
Web: www.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. R. Kumaravelan, Prof.&Head/Mech.

CO-ORDINATORS

Mr. D. Kesavan, AP /Mech.

Mr. E. Ajaikumar, AP /Mech.

REGISTRATION FEE

Faculty/Research Scholars   : Rs.500/-

(Includes study materials, kit and lunch)

The Registration form shall be sent to the coordinator along with a Demand Draft in favour of "Velalar College of Engineering and Technology" payable at Erode.

FOOD AND ACCOMMODATION

Accommodation and Breakfast / Dinner will be arranged in the college hostel for outstation participants on prior request at a cost of Rs. 100 / - per day.

IMPORTANT DATES

Submission of Registration form: 25.11.2016
Intimation of selection   : 26.11.2016
Confirmation by participants   : 28.11.2016

COURSE CONTENTS

- ✓ Introduction to ANSYS Classic
- ✓ Types of Elements
- ✓ Modelling and Model preparation
    - • Create and Modify tools
- ✓ Meshing
- ✓ Structural Problems
    - • Simply supported beams
    - • Multiple Attributes problems
- ✓ Thermal Problems
    - • Conduction and Convective head transfer
    - • Thermal Stress (Couple Field problem)
- ✓ ANSYS Workbench
    - • Workbench interface
    - • Modelling and Meshing
    - • 2D and 3D analysis
- ✓ Case study

Two Days Hands on Training
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DEC 02-03, 2016
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 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)