

OBJECTIVE

MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. It is an interactive system whose basic data element is an array that does not require dimensioning. This allows the users to solve many technical computing problems. MATLAB is originally written to provide easy access to matrix software developed by the LINPACK and EISPACK projects, which together represent the state-of-the-art in software for matrix computation. In industry, MATLAB is the tool of choice for high-productivity, research, development, and analysis.

MATLAB features a family of application-specific solutions called toolboxes. The tool boxes allow the users to learn and apply specialized technology. Toolboxes are comprehensive collections of MATLAB functions (M-files) that extend the MATLAB environment to solve particular classes of problems. Areas in which toolboxes are available include signal processing, control systems, neural networks, fuzzy logic, wavelets, simulation, and many others.

This workshop aims to provide good opportunity for the industry, faculty members and students to gain basic knowledge about MATLAB M-file and toolboxes and apply them in various areas.

COURSE CONTENTS

- Overview of MATLAB commands
- Introduction to M- File
- Introduction to Toolboxes
- Applications in Control Systems
- Applications in Power Systems
- Applications in Image Processing

ORGANIZING COMMITTEE

Chief Patron : Thiru. S. S. Kandasamy
President/Vellalar Educational Trust

Patron : Thiru S. D. Chandrasekar
Secretary/Vellalar Educational Trust

President : Dr. M. Jayaraman, Principal
Velalar College of Engineering and
Technology

Vice Presidents : Prof. L. Peter Stanley Bebington,
Dean (Academics)
Prof. P. Jayachandar,
Dean (Student Affairs)

Convenor : Dr. P.Sakthivel,
Professor & Head / EEE

Co-ordinators : Mr. S. Hariprasath, AP(Sr.Gr.)/ EEE
Mr. J.Senthilnath, AP/EEE
Ms. S.Gokula Brindha AP / EEE

RESOURCE PERSONS

Sessions will be handled by experts from reputed organizations and proficient faculty of the institution.

REGISTRATION FEES

Industrial Participants : Rs.1200/-
Academicians/ Research Scholars : Rs. 600/-
UG/ PG Students : Rs. 400/-

HOW TO APPLY?

The interested participants may send their duly filled-in applications along with the demand draft drawn in favor of “**The Principal, Velalar College of Engineering and Technology**” payable at **Thindal**.

SCHEDULED DATES

Last Date for Receipt of Applications : 16.09.2017
Date of Intimation regarding selection : 18.09.2017

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

THINDAL, ERODE-638012.

TWO DAY NATIONAL LEVEL WORKSHOP On

“**MATLAB and Its Applications**”
(21.09.2017 & 22.09.2017)

REGISTRATION FORM

Name :

Designation :

Organization :

Gender :

Age :

Educational
Qualification :

Address for
Communication :

Mobile No. :

Email ID :

Experience

Teaching : _____ years

Industry : _____ years

Payment Details

DD No. :

Amount :

Date :

Bank Name :

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also take the responsibility to inform the coordinator in case I am unable to attend the course.

Place:

Date: Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr./Ms./Dr. _____

_____ is an employee/student of our Institution/ Organization and is hereby sponsored. He/ She will be permitted to attend the programme, if selected.

Place:

Signature of Sponsoring Authority

Date:

Office Seal

Application form completed in all respects is to be sent to

Dr. P.SAKTHIVEL, M.E., Ph.D.,
Professor & Head /EEE

Organizing Secretary

TWO DAY NATIONAL LEVEL WORKSHOP ON

“MATLAB and its Applications”

Department of EEE,
Velalar College of Engineering and Technology,
Thindal, Erode-638012, Tamilnadu.

Contact: 8870222333, 9965172752

ABOUT THE COLLEGE

Velalar College of Engineering and Technology (VCET) established in the year 2001, approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It is governed by Velalar Educational Trust (VET). It has completed 17 years of dedicated and excellent service in technical education. The college offers 7 under-graduate programmes, 6 post-graduate programmes and 5 research programmes. The college has been accredited to National Assessment and Accreditation Council (NAAC) with ‘A’ Grade. The college has attained the autonomous status in the year 2016.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the first few disciplines started at the time of inception. The Department has been accredited by National Bureau of Accreditation (NBA), New Delhi. The Department offers UG programme with an intake of 120 students and PG programme in Embedded System Technologies with an intake of 18 students. The Department has been playing a pioneering role in producing world class technocrats. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. The department has distinguished faculty, holding masters’ and doctoral degrees from renowned institutes. The faculty of the department have been constantly carrying out research on many cutting edge technologies and regularly publish papers in journals. The Department grew with time, reflecting the needs of a changing society and established new areas of teaching and research in electrical engineering.

ABOUT THE LOCATION

The college is situated at Thindal on the State Highways (SH-96) about 90 km from Coimbatore and 8km from Erode.

TWO DAY NATIONAL LEVEL

WORKSHOP ON

“MATLAB and its Applications”

September 21 & 22, 2017

Organized by

**Department of Electrical and
Electronics Engineering**
(Accredited by NBA, New Delhi)



**VELALAR COLLEGE OF ENGINEERING
AND TECHNOLOGY**

(AUTONOMOUS)

(Accredited by NAAC with ‘A’ grade)
(Approved by AICTE & Affiliated to Anna
University, Chennai)

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