



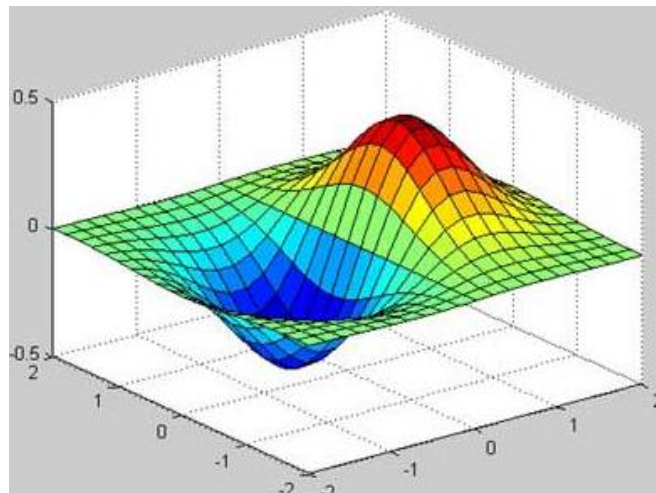
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Two-Day Workshop on
MATLAB & Simulink for Engineering Applications
9th & 10th October 2015



Organized by

TIFAC - CORE in AUTOMOTIVE INFOTRONICS
(Sponsored by Department of Science and Technology, Govt. of India)

Co-ordinators

Dr. K. Ganesan, Director, TIFAC-CORE & Senior Professor, SITE

Prof. Karthiga Yuvaraj, TIFAC-CORE

Mr. Jayanthan Ra. V., Development Engineer, TIFAC-CORE

N. T. Madhuraambiga, Development Engineer, TIFAC-CORE

TIFAC-CORE IN AUTOMOTIVE INFOTRONICS @VIT

The Centre is conducting need based *training programs on cutting edge technologies* for students, faculties and industry participants. Offering consultancy services for the industries and carrying out *research works through the research grants* received from funding agencies. The Centre has so far conducted **210 Training programs**. The Centre has completed nearly **20 consultancy projects** with many leading Automotive and Telecom companies. The Centre has filed **16 patents**.

Backdrop

- A universal engineering simulation software which supports concepts ranging from DSP to Aerospace engineering, Robotics and so on.
- Much simpler coding format compared to other simulators. In addition, provides hardware support packages to visualize the simulations in real-time.

Programme

This workshop intends to provide an opportunity for the delegates to understand the MATLAB coding and implementation of various engineering concepts using MATLAB & Simulink.

Topics Covered

Discussed concepts,

- *Introduction to MATLAB & Simulink.*
- *Mathematical implementations.*
- *Signal Processing implementation.*
- *Introduction to Communication toolbox.*
- *Concepts Implementation using GUI (Graphical User Interface).*
- *Introduction to Image Processing Toolbox.*
- *Spatial filtering.*
 - Spatial transformation.
 - Histogram.
 - Image filtering techniques.
- *Frequency domain filtering.*
 - LPF.
 - HPF.

Participation is open to:

- Students
- Research Scholars

REGISTRATION FEES:

Rs. 1500 per delegate from Institute (Student)

Rs. 3000 per delegate from Institute (Research Scholar)

Registration charges include Course Material, Lunch & Snacks. The number of participants is limited to **30** based on first come first serve.

Venue:

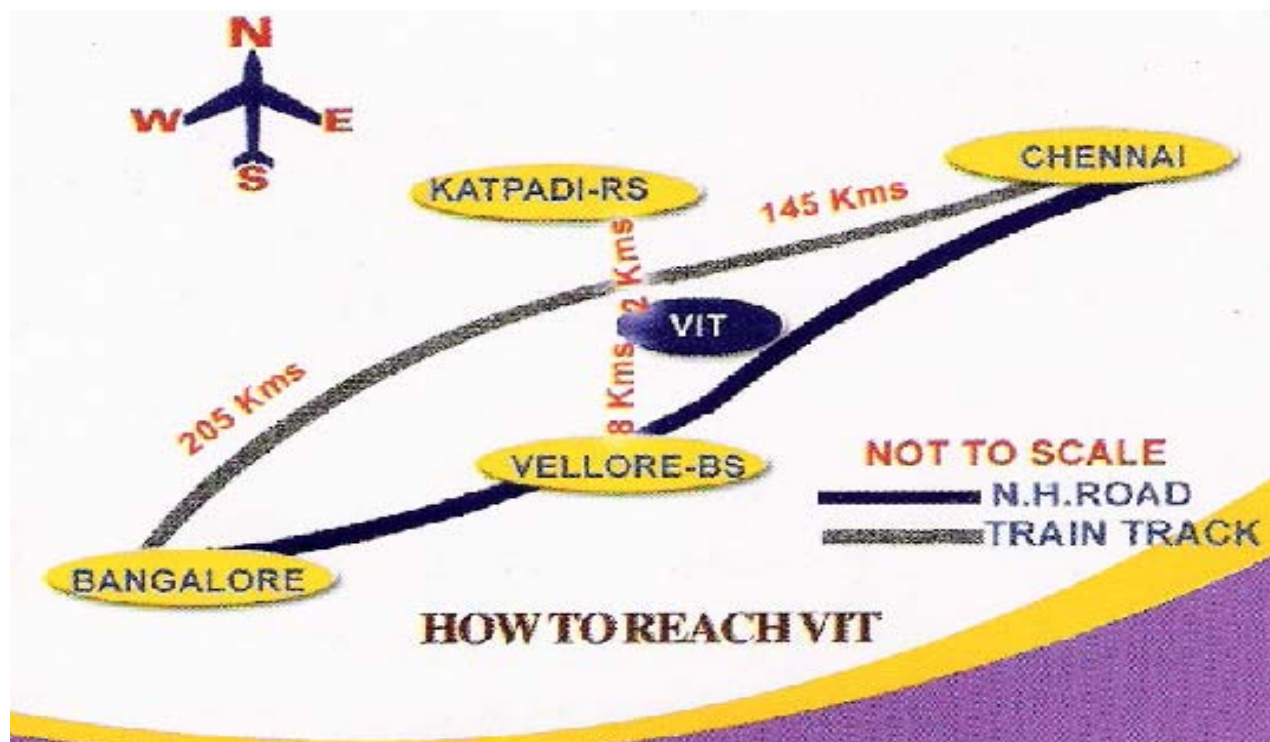
Room No. 701, 7th Floor
Technology Tower, VIT

Time:

9th Oct 2015 : 09.30 – 17.30 Hours

10th Oct 2015 : 09.30 – 17.30 Hours

HOW TO REACH VIT





Format for Registration confirmation
Two-Day Workshop on
MATLAB & Simulink for Engineering
Applications
9th & 10th October 2015

Name: -----

Designation: -----

Organization: -----

Address: -----

Phone: ----- Mobile -----

Fax: ----- e-mail: -----

DD Details: -----

Payment through DD drawn in favor of “TIFAC-CORE, VIT University”, payable at Vellore

For Registration Contact:

Mrs. R. Devaki

TT701, VIT University,

Vellore-632 014

Ph.:0416-2202381, Fax: 0416-2244797

E-mail to: tifac@vit.ac.in & cc to: karthigayumaraj@vit.ac.in

For Technical Queries Contact:

Prof.Karthiga Yuvaraj, TIFAC-CORE

Mobile: +91-8870834540

e-mail: karthigayumaraj@vit.ac.in

Send the DD & registration form by Courier / Speedpost to the following address and it should reach VIT on or before **6th October 2015**:

The Director,
TIFAC-CORE in Automotive Infotronics,
7th Floor, Technology Tower,
VIT University, Vellore-632 014
Ph.: 0416-2202381.