

Course Description

This course provides an understanding of MatLab to beginners. After completion of this course one can

- Process signals, design filters, and do time and frequency analysis
- Simulate analog communications systems.
- Simulate Digital Communications Systems.
- Apply coding concepts to solve and simulate research problems.

The Course Modules are as follows

Module I (23/01/2010 9.00 A.M– 1.00 P.M)

Introduction to MatLab.

Module II (6/02/2010 9.00 A.M– 1.00 P.M)

Application in Signal Processing, Time, frequency Analysis, and Filter design.

Module III (20/02/2010 9.00 A.M– 1.00 P.M)

Introduction to Communication Systems.

Module IV (27/02/2010 9.00 A.M– 1.00 P.M)

Simulation and analysis of Analog Modulation Systems.

Module V (6/03/2010 9.00 A.M– 1.00 P.M)

Simulation and analysis of Digital Modulation Systems.

Module VI (13/03/2010 9.00 A.M– 1.00 P.M)

Use of MATLAB in Recent Communication Trends.

Resource Persons

Faculty from SENSE, Experts from Industries and R&D Organizations.

Who Can Attend?

B.Tech. ECE II Year Students.

Course Fee:

VIT Students Rs.3000

Other Institute Students Rs.5000

Note : DD should be taken in favor of “VIT University”, payable at Vellore.

Course Coordinators:

Prof. T. Shankar, Assistant Professor (Senior)
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Prof. J. Christopher Clement, Assistant Professor
Mobile: 9789340886 christopher.clement@vit.ac.in

Prof. A. Karthikeyan, Assistant Professor Mobile:
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Communication and Networking Division, SENSE,
VIT University.

Organizing Chair:

Prof. S. Renuga Devi, Associate Professor, SENSE

Last date for registration

On or before January 21st, 2010

For Registration form visit:

Upcoming events @ www.vit.ac.in



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Vellore – 632014, Tamilnadu, India

www.vit.ac.in

Certificate Course - “Simulation of Communication Systems using MATLAB”

(Saturdays of January, February, and March)

Organized by

Communication and Networking Division

School of Electronics Engineering

VIT University



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Registration Form

Name:

Department:

Institution:

Address for Correspondence:

Mobile:

Email:

Demand Draft Details:

Amount:

DD No:

Bank:

Dated:

Signature:

(Use Photocopy of the above form, if required)

Send Registration Form To

Prof. T.Shankar,

Assistant Professor (Senior),

SENSE,

Communication and Networking Division

VIT University, Vellore - 632014

Mobile No: 9486282025

E-Mail: tshankar@vit.ac.in

Note

No Accommodation, TA, and DA will be provided.

Course Material will be provided.



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