



**VEMU INSTITUTE OF TECHNOLOGY**

**P.Kothakota, Chittoor District -517112**

---

# **Two Day Workshop on**

# **“ MATLAB Programming”**

**12.09.17 to 13.09.17**  
**(Under MoU Activity)**

### About workshop

Matlab is a very powerful tool to handle large and complicated computations and advanced computation development.

The programme aims at creating the learning experience among participants about MATLAB.

MATLAB is a high level language and interactive environment for numerical computation, visualization and programming. Using MATLAB one can analyze data, develop algorithms and models and applications.

The language tools and built in math functions enable the users to explore multiple approaches and reach the solution faster than spreadsheets or traditional programming languages.

MATLAB can be used for a long range of applications including signal processing and communications, image and video processing etc.

### Topics to be Discussed

- Introduction to MATLAB
- Tutorial on MATLAB
- Modelling and Simulink
- Neural Networks
- Soft computing

### Who can Apply

All the lab technicians of AICTE approved technical institutions and affiliated to JNTU Ananthapur.

### Registration form

The participants are requested to register their names by sending duly filled registration form in the format attached hereby. send the scanned copy to given email on or before 15/07/2017.  
email ID: [veer.veeredept@gmail.com](mailto:veer.veeredept@gmail.com)  
Registration fee: Rs 250

- 1.Name.....
- 2.Designation.....
- 3.Organisation.....
- 4.Correspondence Address.....  
.....
5. Contact Number.....
- 6.Email ID.....

Date:

Signature

### Contact for Correspondance

Mr. N.Kiran Kumar  
Assistant Professor, Dept of ECE  
Contact No: +91-9885691018

## A TWO DAY WORKSHOP ON MATLAB PROGRAMMING

12/09/2017 & 13/09/2017

Founder Chairman  
Dr. K.Chandra sekar Naidu  
VEMU INSTITUTE OF TECHNOLOGY

Chief Patron  
Dr. D. Obulesu  
Principal, VEMU IT

Patron  
Prof. L. Rama Murthy  
HOD ECE, VEMU IT

Coordinator  
Mr. N.Kiran Kumar  
Assistant Professor, VEMU IT

Resource Person  
Mr. Masthaniah  
Green Corner Tech, Nellore

Organised by  
Department of ECE  
VEMU INSTITUTE OF TECHNOLOGY  
(Affiliated to JNTUA, Ananthapur)  
P.Kothakota, Chittoor.  
Andhra Pradesh-517112.  
Website:[www.vemuit.org](http://www.vemuit.org)



**VEMU INSTITUTE OF TECHNOLOGY**  
P KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112  
(Permanently Affiliated to JNTUA Ananthapuramu, Approved by AITE New Delhi, & ISO 9001:2015 Certified Institution)  
**DEPARTMENT OF E.C.E**

**Two days workshop on "MATLAB PROGRAMMING"**

**on**

**12<sup>th</sup> & 13<sup>th</sup> September 2017**

<b>DATE &amp; DAY</b>	<b>Morning Session (09.00 AM- 11.00 AM) &amp; (11.15 AM &amp; 12.30 PM)</b>		<b>Afternoon Session (01.00 PM- 03.00 AM) &amp; (03.15 PM &amp; 04.50 PM)</b>
<b>12/09/2017</b>	<b>Inaugural Session</b>	<b>Lunch Break</b>	<b>Plotting, matrices, array operations</b>
	<b>Introduction to MATLAB</b>		<b>Introduction to MATLAB programming</b>
	<b>Basic features of MATLAB &amp; Commands</b>		<b>Lab Session</b>
<b>13/09/2017</b>	<b>Basic on MATLAB – SIMULINK</b>		<b>Introduction to fuzzy logic &amp; its modules</b>
	<b>Signal processing tools</b>		<b>Lab session</b>
	<b>Filter implementations and applications</b>		<b>Introduction to neural networks &amp; its tools</b>
	<b>Lab sessions.</b>		<b>Valedictory</b>

\*Note: For every two hours tea break.

  
Faculty in charge

  
HOD-ECE

HEAD  
DEPARTMENT OF ECE  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112




**VEMU INSTITUTE OF TECHNOLOGY**  
P.KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112  
(Permanently Affiliated to JNTUA Amalapuram, Approved by AITE New Delhi, & ISO 9001:2015 Certified Institution)  
**DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**Two Days Workshop on "MATLAB Programming"**

Attendance

S.No.	Name of the Participant	12/09/2017		13/09/2017		Remarks
		FN	AN	FN	AN	
1.	K. Karuna Sree	/	/	/	/	
2.	E. YUNUS KHAN	✓	✓	✓	✓	
3.	P. Yerralaiah	✓	/	✓	/	
4.	S.M. Jeeena	✓	✓	✓	✓	
5.	S. murugesan	✓	✓	/		
6.	P. pathanah	/		✓	/	
7.	M. Prasad	✓	/		/	
8.	S. munarBasha	/	/	✓	/	
9.	D. Nisar Khan	✓		/	✓	
10.	S. Mastaramma	✓	/	/	/	
11.	T. Prashanth	/		/		
12.	M. Kamalhasan	✓	/	/	/	
13.	U. Prasad	/		/	/	
14.	V. Devika	/	/	/	/	
15.	M. Nagaraju	/	/	✓		
16.	K. Gubasekhar	/		/	/	
17.	Subramanyam	✓	✓	✓	/	
18.	G. Jayakumar	/	✓	/	/	
19.	V. Bhanupriya	/	/	✓	✓	
20.						
21.						
22.						
23.						

  
Faculty in charge

  
HOD/ECE  
HEAD  
DEPARTMENT OF ECE  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112

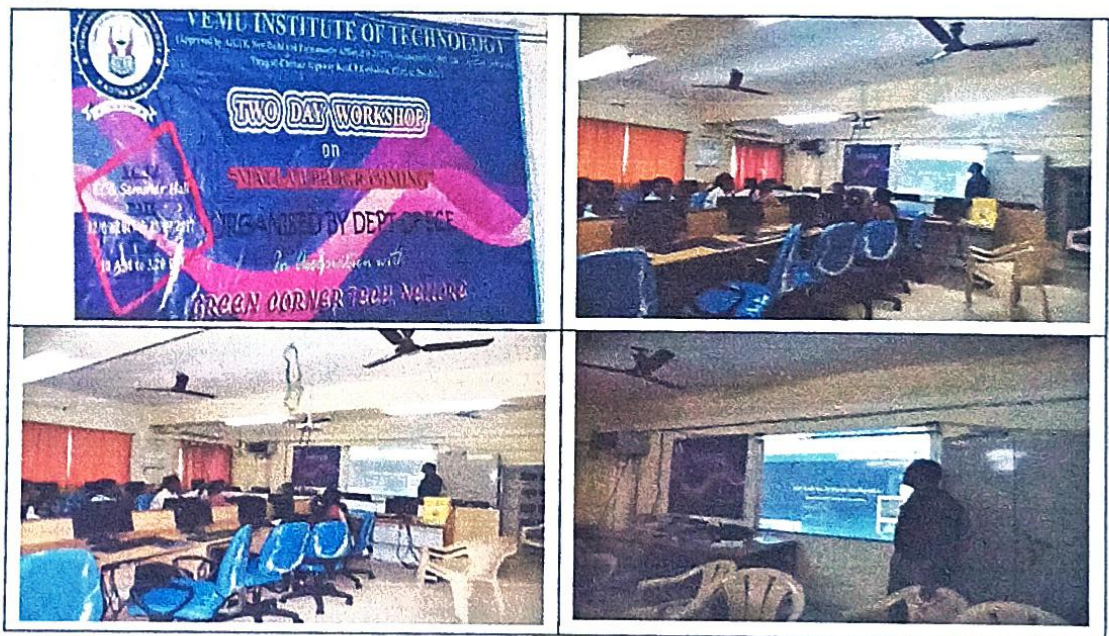


## Report-on Matlab Programming

The workshop on Matlab Programming was conducted on 12.09.2017 by Mr. P.Masthaniah, Application engineer, Green Corner, Nellore.

This program is initiated by our respected principal Dr. P.Kumar Babu and organized by Prof. L. Ramamurthy, Head of the department with the co-ordination of Mr.K. Rohith, Assistant Professor, ECE Department.

The workshop was conducted for two days effective from 12.09.2017 to 13.09.2019 for duration of 8 hours per day. The staff has derived benefit from this program to upgrade their knowledge. The total registered strength was twenty three from both inside and outside college. The program was held in ECE Seminar hall for theory sessions and practicals were performed in Simulation Lab.



This workshop is aimed at updating knowledge on “Matlab Programming” in the view of an industry perspective. By providing Hands-on training to staff, they could get an idea on Matlab. With the help of this knowledge staff can develop simple real time projects. In this course the resource persons have used Matlab & simulink for programming.

During the two day program, *Day 1* covered Introduction to Matlab, Tutorials on Matlab, Basic features and commands of Matlab, plotting, matrices, array operations, and introduction to programming in mat lab. *Day 2* covered matlab - simulink environment, signal



# VEMU INSTITUTE OF TECHNOLOGY

P. KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112  
(Permanently Affiliated to JNTUA Ananthapuramu, Approved by AITE New Delhi, & ISO 9001:2015 Certified Institution)

## DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING

processing toolbox, filter implementations and applications, introduction to fuzzy logic, fuzzy logic control and its modules, introduction to neural networks toolbox and practical implementation of neural network in simulink.

The team concluded the workshop successfully by boosting confidence levels of each and every staff in his upgrading their knowledge.

The total program is successfully completed with the cooperation of each and every faculty member of department and participants.

Faculty In-charge

Head of the Department

HEAD  
DEPARTMENT OF ECE  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHAKOTA - 517 112



# VEMU INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Permanently Affiliated to JNTUA, Anantapur, ISO 9001:2015 certified Institution)

Tirupati-Chittoor Highway Road, P.Kothakota, Chittoor Dist-517112

## Certificate

This is to certify that Mr./Ms./Mrs. V. BHARGAVI  
from VEMU IT has participated in  
Two Day workshop on "MATLAB PROGRAMING" organized by  
Department of Electronics & Communication Engineering in association  
with "Green Corner Tech, Nellore" on 12th & 13th September, 2017.

Co-ordinator

  
PRINCIPAL  
HOD-ECE

Principal

VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHA KOTA  
517 112



# VEMU INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi and Permanently Affiliated  
to JNTUA, Anantapur, ISO 9001:2015 certified Institution)

Tirupati-Chittoor Highway Road, P.Kothakota, Chittoor Dist-517112

## Certificate

This is to certify that Mr./Ms./Mrs. E. YUNUS KHAN  
from VEMU.T.T has participated in  
Two Day workshop on "MATLAB PROGRAMING" organized by  
Department of Electronics & Communication Engineering in association  
with "Green Corner Tech, Nellore" on 12th & 13th September, 2017.

Co-ordinator

*u*  
PRINCIPAL  
VEMU INSTITUTE OF TECHNOLOGY  
P. KOTHA KOTA - 517

HOD-ECE

Principial