

A Report of one week FDP on
“MATLAB Tools for Engineering Applications”

1.	Name of the Activity/Event	MATLAB Tools for Engineering Applications	
2.	Dates of Activity/Event	03-09-2019 to 09-09-2019	
3.	Organized by/Name of the committee	Department of EEE and ECE	
4.	Place of Activity/event	Vishweshwaraya Auditorium, B-Block, NEC Nellore	
5.	Resource person/guest/organization	Mr.U.Naresh Babu Dr. K. Murali E.Naga Keerthana N.Guru darshan Sk.Reshma R.Venkateswarlu C.Leela Mohan	
6.	Timings of Event	11:15AM to 01:00PM 02:00PM to 04:00PM	
7.	Type of activity/Event	Demonstration and hands on practice	
8.	Activity/Event objectives	1. Enriching the skills of faculty towards research 2. To write the papers on their own.	
9.	Participation	Faculty	42
10.	General remarks	<ul style="list-style-type: none"> • The Resource persons were enthusiastic to share their views • Few faculty were not utilizing in that extent 	
11.	Enclosures	1. Circular 2. Report with photos 3. Attendance Sheet	
12.	Signature of Incharge/Convener	Mr.C.Leela Mohan	

REPORT

The Narayana Engineering College, Nellore Department of ECE&EEE conducted a one week FDP on “**MATLAB Tools for Engineering Applications**” was organized by Research and Development Cell from 03-09-19 to 09-09-19 at Vishweshwaraya Auditorium and DSP Lab B-Block, NEC Nellore.

The objectives of this work shop is to enhance the programming skills among the faculty members towards their research.

In this session Dr.K.Murali ,HOD of ECE ,Dr.G.Venkateswarlu ,HOD of EEE and Research and Development Cell Incharge Mr.C.Leela Mohan addressed the gathering and introduced the first resource person Mr.U.Naresh Babu,Assoc.Prof,Dept of EEE,NEC,Nellore to the gathering.Later the resource person given the demonstration to the faculty about Introduction to MATLAB & Mathematical problem Solving and Modeling using MATLAB and also simulated the few example programs in hands on session.



On second day Dr.K.Murali,Prof & HOD of ECE given his presentation on "Machine Learning".He explains the concepts very much clear and also simulated few examples in hands on session.



On third day Ms.E.Naga Keerthana, resource person given her presentation on "Image Processing & Convolutional neural networks". How these are useful in real time applications shown with examples. She also explained some of the programs and shown the simulated results in hands on session.



On fourth day Mr. N.Guru darshan, resource person given his presentation on "Single & Multi layer application with real time applications". How these are useful in real time applications shown with examples. he explained some of the programs and shown the simulated results in hands on session.

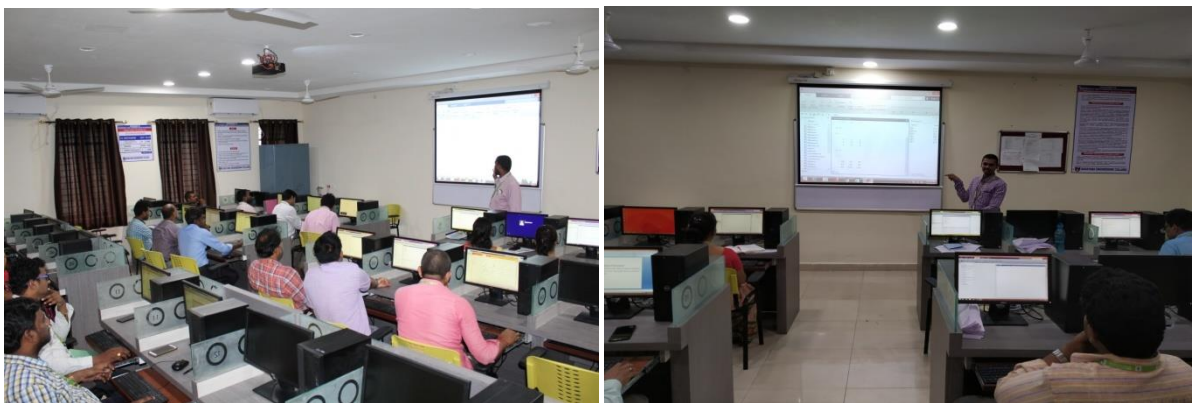


On fifth day Mr. Sk.Reshma, resource person given her presentation on " Advanced modeling styles like SVM in Neural Networks using MATLAB ". How these are useful in real time applications

shown with examples. She explained some of the programs and shown the simulated results in hands on session.



On sixth day Mr.C.Leela Mohan and Mr.R.Venkateswarlu, Assoc.Prof of ECE dept, NEC, Nellore conducted hands on practice on earlier topics. They explained some of the programs and shown the simulated results in hands on session.



Finally the one week work shop ended with a vote of thanks and group photo with principal .

