



# JEPPIAAR



INSTITUTE OF TECHNOLOGY

“Self-Belief | Self Discipline | Self Respect”

## MATLAB CLUB

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Science is about Knowing; Engineering is about Doing

- Henry petroski

DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING



## DEPARTMENT VISION

To enhance and impart futuristic and innovative technological education for the excellence of Electronics and Communication Engineering with new ideas and innovation to meet industrial expectation and social needs with ethical and global awareness reinforced by an efficiency through research platform for the advancement of humanity.

## DEPARTMENT MISSION

- ❖ To produce competent and high-quality professional Engineers in the field of Electronics and Communication Engineering for the benefit of the society globally.
- ❖ To provide a conducive infrastructure and environment for faculty and students with enhanced laboratories, to create high quality professionals.
- ❖ To provide Prerequisite Skills in multidisciplinary areas for the needs of Industries, higher education and research establishments and entrepreneurship.
- ❖ To handle Socio Economic Challenges of Society by Imparting Human Values and Ethical Responsibilities.

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## **OBJECTIVE OF THE CLUB**

The club aims to technically strengthen the students by integrating their skills in the various fields of Engineering & technology, to cope up with the highly competitive environment. The activities of the club include:

- Introductory Session on MATLAB and Simulink
- Awareness on projects for social applications
- Seminars
- Workshops & Project Expo

## **PREREQUISITE**

A learner who wants to go ahead with this tutorial needs to have basic concepts on signals and systems and a good hold on communication systems.

## **STAFF COORDINATOR**

Mrs.S.Mary Cynthia, Assistant Professor, Department of ECE



**CLUB EVENTS**

**2019 - 2020**

| S.No | Date of The Event | Event Description  | Number of Participants |
|------|-------------------|--|------------------------|
| 1.   | 19.09.2019        | <p><b>Hands on Training –MATLAB and its applications</b></p> <p>The speakers for the session are</p> <ol style="list-style-type: none"> <li>1. Syed Zaheeruddin , KITS,Warangal</li> <li>2. B. Narsimha, KITS,Warangal</li> </ol>    | 50                     |
| 2.   | 12.03.2020        | <p><b>Workshop on Image Processing using MATLAB and Simulink</b></p> <p>The speakers for the session are</p> <ol style="list-style-type: none"> <li>1. Mrs.S.Mary Cynthia, AP/ECE/JIT</li> <li>2. Ms.R.Rubala, AP/ECE/JIT</li> </ol> | 35                     |
| 3.   | 16.09.2020        | <p><b>Medical Image Analysis using MATLAB</b></p> <p>The speakers for the session are</p> <p>Syed Zaheeruddin , KITS,Warangal</p>  | 72                     |



**GALLERY**

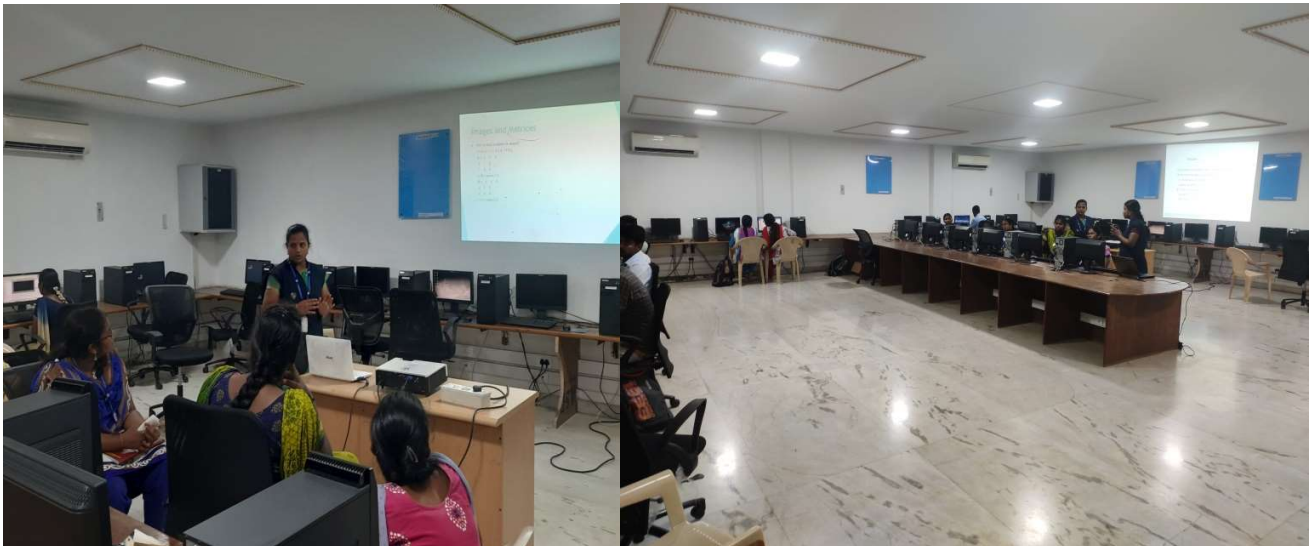
**Hands on Training –MATLAB and its applications**



**MATLAB WORKSHOP**



**Workshop on Image Processing using MATLAB and Simulink**





## Workshop on Medical Image Analysis using MATLAB

**JEPPIAAR INSTITUTE OF TECHNOLOGY**  
SELF BELIEF | SELF DISCIPLINE | SELF RESPECT  
Kunnam, Sunguvarchatram, Sriperumbudur. 631604

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
**MATLAB CLUB**  
Organising Workshop on  
**MEDICAL IMAGE ANALYSIS USING MATLAB**

Associate with:  
IQAC, IEEE, IETE, INSTITUTION'S INNOVATION COUNCIL

**Mr. Syed Zaheeruddin**  
Assistant Professor, ECE  
KITS, Warangal

Registration Link:  
<https://bit.ly/3JU8BBR>

Staff Co-Ordinator: Mrs. S. Mary Cynthia, 98421 04104  
Date: 16/09/20 + Time: 10.30AM to 12.00PM

MATLAB

**MATLAB FOR IMAGE PROCESSING**

**Good practices in writing codes.**

- `clc; % clear command window`
- `close all; %% close all figures opened`
- `clear all; clear workspace`

**Reading and Displaying the image**

`imread` Read image from graphics file.  
`A = imread(FILENAME,FMT);`

`imshow` Display image in Handle Graphics figure.  
`imshow(I)`

58:25

SHANJAI K, JAYA KUMAR D, VARSHINEY M, GOWRI POOJA S, ECE Mr. Syed Zaheeruddin