

JSS College of arts,Commerce and Science

PG Department of Computer Science

## Value Added Course-Introduction to Matlab

### SCHEME

This is value added course. Finally the completion certificate will be issued to the enrolled student.

### Syllabus:

#### Unit 1- **Introductory Sessions Of MATLAB Training Course** 10 hours

- Why MATLAB
- What Are Toolboxes
- MATLAB Interface
- Introduction To Arrays And Matrices
- Basics Of MATLAB Programming

#### Unit 2 - **Handling Data And Data Flow In MATLAB**

10 hours

- Data Types
- Creating Variables
- Scalars, Vectors And Matrix Operations & Operators
- Importing & Exporting Of Data
- File Input-Output

#### Unit 3 **MATLAB Graphics**

10 hours

- Simple Graphics & Types
- Plotting Functions
- Creating And Editing Plots (2D & 3D)
- Handling Graphics

### References:

Getting Started with MATLAB-[Rudra Pratap](#)

Introduction to MATLAB- [Delores Etter](#)