



JANSONS INSTITUTE OF TECHNOLOGY

Karumathampatti, Coimbatore-641659

Value Added Program Schedule

Form No. AC32

Program/Branch(Specialization)/Semester

BE/ ELECTRONICS AND COMMUNICATIONENGINEERING/ V Sem

Batch / Section

2016 - 2020

Academic Year Name

2018 - 2019

of the Program

Value Added Course on “Modeling Simulation and Implementation using MATLAB Simulink &GUI ”

Name of the Faculty/ Organization providing the Training

Mr.C.Shanmugham, Mr .G.Myilsamy, Mrs.P.Sivamani, Mrs.V.VidhyaGowri
Mr.S.Karthikeyan, Mrs.N.Krishnapriya AP/ECE JIT

Sl. No.	Date	Time Duration	Venue	Topics/Major contents to be Covered	Activity planned (Lecture/ Practical/ Evaluation)
1	11.07.18.	9.00 AM to 10.30 AM	DSP LAB	Scientific Computing using MATLAB- An Introduction (Framework) Variable types	LECTURE
2	11.07.18.	10.45 AM to 12.15 PM	DSP LAB	Hands on session on Scalar & Vector Operation, Vector Indexing Matrix Operations and Indexing, M-Files,	PRACTICAL
3	11.07.18.	1.00 PM to 3.30 PM	DSP LAB	Hands on Session - I/O operations, Plots & Graphs in MATLAB, 3-D Plots, Exercise-I	PRACTICAL
4	12.07.18.	9.00 AM to 10.30 AM	DSP LAB	Creating and modifying Simulink models and simulating system dynamics, continuous-time, discrete-time, and hybrid	PRACTICAL
5	12.07.18.	10.45 AM to 12.15 PM	DSP LAB	Building hierarchy into a Simulink model, Creating reusable model	PRACTICAL
6	12.07.18.	1.00 PM to 3.30 PM	DSP LAB	Introduction to MATLAB GUI Layout, Property Inspector Exercise-II	PRACTICAL
7	13.07.18.	9.00 AM to 10.30 AM	DSP LAB	Working with Layout Editor, Menu Editor, Writing GUI call back function	PRACTICAL
8	13.07.18.	10.45 AM to 12.15 PM	DSP LAB	Setting Buttons & slider window in GUI, Creating a list box for GUI, Creating a popup menu	PRACTICAL
9	13.07.18.	1.00 PM to 3.30 PM	DSP LAB	Developing a complete GUI from scratch for an Application Exercise-III	PRACTICAL