



# JANSONS INSTITUTE OF TECHNOLOGY

Karnmathampatti, Coimbatore-641659

## Value Added Program Schedule

AC 32

Form No. AC32

Program/Branch(Specialization)/Semester

BE/ ELECTRONICS AND COMMUNICATION ENGINEERING/ II& III Sem

Batch / Section

2017 - 2021

Academic Year

2018 - 2019

Name of the Program

VAC on "Printed Circuit Board and Fabrication using ExpressPCB"

Name of the Faculty/ Organization providing the Training

Mr.P.Gowtham, Mr.G.Myilsamy, Mrs.P.Eswari, Mrs.K.R.Priyadarshini

Sl. No.	Date	Time Duration	Venue	Topics/Major contents to be Covered	Activity planned (Lecture/ Practical/ Evaluation)
1	03.07.2018	9.00 AM to 10.30 AM	Networks LAB	Introduction to PCB & Circuit Designing, Different tools used for PCB designing, Introduction to basic analog circuits, Monostable circuit design, Simulation output using Multisim	LECTURE/PRACTICAL
2	03.07.2018	10.45 AM to 12.10 PM	Networks LAB	Bistable circuit design, Simulation and implementation, Implementation using bread board, Application project	PRACTICAL
3	03.07.2018	1.00 PM to 2.20 PM	Networks LAB	Astable circuit design, Simulation and implementation, Implementation using bread board, Application project	PRACTICAL
4	03.07.2018	2.30 PM to 3.30 PM	Networks LAB	Introduction to Orcad Tool/Express PCB, Components library, Schematic design based on application, Layout design, Checking for net list errors	PRACTICAL
5	04.07.2018	9.00 AM to 10.30 AM	ESD LAB	PCB Fabrication techniques-single side layer, Etching, PCB component assembly processes	PRACTICAL
6	04.07.2018	10.45 AM to 12.10 PM	ESD LAB	Soldering Methods. Safety Precautions, Different Methods of Soldering, Practice Session soldering and testing	PRACTICAL
7	04.07.2018	1.00 PM to 2.20 PM	ESD LAB	Printed circuit Board Assembling, Verification and Testing Competition,	PRACTICAL
8	04.07.2018	2.30 PM to 3.30 PM	ESD LAB	Objective type questions test	EVALUATION

