

Details of Laboratories

S. No	Name of the Laboratory	No. of Students per setup (Batch Size)	Name of the Important Equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
Room No:N301							
1	Sem III Electronic Devices Laboratory	02	- Analog CRO(30 MHZ) - RPS(0-30) - Function Generators(10-1MH Z) - DSO(50MHZ) - Servo Stabilizer(3KVA)	12Hrs/week	Mr.B.UdayBhanu	Lab Technician	Industrial Training Institute
	Sem IV Analog Electronic Circuits Laboratory	02		12Hrs/week	Mr.B.UdayBhanu	Lab Technician	Industrial Training Institute
Room No:N302							
2	Sem III Basic Electronics Laboratory/Electronic Engineering Laboratory	02	- Analog CRO(30 MHZ) - RPS(0-30) - Function Generators(10-1MH Z) - DSO (50MHZ) - Servo Stabilizer (3KVA)	12Hrs/week	Mr.P.Madhu	Lab Assistant	Diploma In ECE
	Sem III Electronic work shop &Basic Electronics Laboratory	02		12Hrs/week	Mr.P.Madhu	Lab Assistant	Diploma In ECE
Room No:N201							

3	Sem VI Communication Laboratory	02	• DSO (50MHZ) • Servo Stabilizer (3KVA) • Experiment kits • T V Receiver kit	12Hrs/week	Mr.B.UdayBhanu	Lab Technician	Industrial Training Institute
Room No:N202							
4	Sem IV Pulse and Digital Circuits Lab Laboratory	02	• DSO 50 MHZ • Component Development kit • IC Tester • Servo Stabilizer 3 KVA	12Hrs/week	Mr.CH.Srinivas	Lab Technician	Industrial Training Institute
Room No:N203							
5	Sem VI Verilog HDL Laboratory	01	• Systems • FPGA XC3S50 Hard ware kits • UPS • Xilinx Software	12Hrs/week	Mrs.B.Surekha	Lab Assistant	Diploma In ECE
	Sem V System and Signal Processing Laboratory	01	• Systems • TMS320C2745 Hard ware kits • UPS • Mat Lab Software • Multisim Software	12Hrs/week	Mrs.B.Surekha	Lab Assistant	Diploma In ECE
Room No:N207							

6	Sem VII Microwave Engineering Laboratory	03	● Analog CRO(30 MHZ) ● Servo Stabilizer 3 KVA ● Antenna kit, ● Klystron Power Supply ● Gun Diode	12Hrs/week	Mr.CH.Srinivas	1.Lab Technician	Industrial Training Institute
Room No:N406							
7	Sem VII Embedded C and VLSI Design Laboratory	01	● LPC2148 ARM Processor kits ● Interfacings ● KEIL Micro Vision Software ● Flash magic Software	12Hrs/week	Mr.P.Madhu	Lab Assistant	Diploma In ECE
	Sem V Micro Processor Micro Controller Laboratory		● Microprocessor Kits 8086 ● Study Card Interface Module 8251/8253 ● Microcontroller 8051 Kits ● Stepper motor Interface	12Hrs/week	Mr.P.Madhu	Lab Assistant	Diploma in ECE
Room No:M101							
8	R&D /Innovation Laboratory	01	● Texas Instruments Innovation Center(TIIC) ● ASLKPRO Kit ● Analog in a box ● TI Bread Board ● Basic Robotics System Lab Kit ● Advance Robotics System Lab Kit ● Neuro Sense Band ● RSLK compatible Sensors	Throughout the semester	Mr.P.Madhu	Lab Assistant	Diploma in ECE

	Sem VI DCCN Laboratory	01	Linux Software	12Hrs/week	Mr.P.Madhu	Lab Assistant	Diploma in ECE