

Laboratories

Digital Electronics Lab



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Digital Electronics Lab	3	Digital IC Trainer kits, Digital IC Testers, Basys 3 Artix-7 FPGA Trainer boards	6 hrs./week [B. Tech S3 EC- Logic Circuits Design Lab, B. Tech S4 CS – Digital Lab

Electronics Circuits Lab



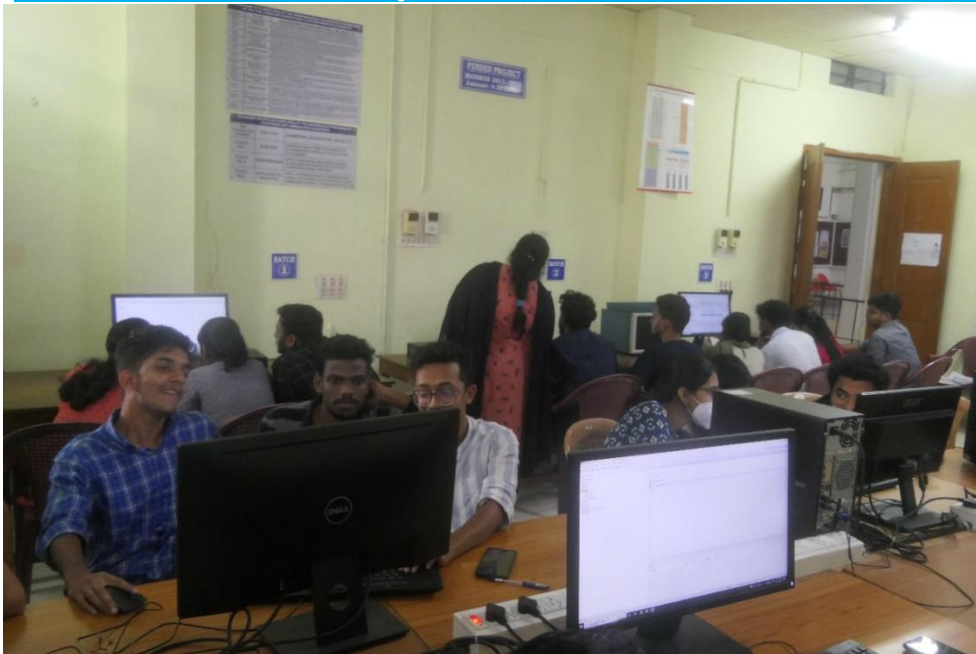
Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Electronics Circuits Lab	3	Oscilloscopes, DSO, Function generators, DC power supplies, Multi-meters, etc.)	6 Hrs./week [B Tech S4 EC Analog Circuits and Simulation Lab, B Tech S5 EC Analog Integrated Circuits and simulation lab]

Communication Lab



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Communication Lab	3	Oscilloscopes, DSO, Function generators, Arbitrary Function Generator, Spectrum Analyzer, DC power supplies, Multi-meters, Virtual bench etc	6hrs/week [S6 B.Tech. Communication Lab]

Systems Lab



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Systems Lab	3	8051 kits with simulator CDs, TMS320C50 based DSP trainer kits one ADSP-2181 advanced trainer kit, Portable LED projector, ARM Trainer Kits, Spartan 3 and 6 FPGA Trainer, Kits Logic Analyzer. & one Flip board.	10 hrs./week [B. Tech S5 EC-DSP lab, M3 AECE-FPGA Design Lab, M3 ADSP Lab.

Computer Lab



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Computer Lab	2	Total 28 computers (HP AMD Ryzen 3 PRO 1300 Quad core processor@3.5 GHz - 20 Nos, DELL OptiPlex 5055 AMD Ryzen 3 PRO,1300 Quad core processor @ 3.5GHz- 8 Nos), i3 & i7 PCs, with C++, MATLAB version-VI, Anaconda3, Internet Connectivity for computers. Laptop	12 Hrs. (B. Tech S3 EC Scientific Computing lab, B .Tech S5 EC AIC & simulation lab).

Advanced Communication Lab



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Advanced Communication Lab	3	GUNN Diode microwave bench, Antenna trainer kit. Reflex Klystron based microwave bench, Klystron Power Supply, VSWR Meter,	6Hrs/ week (B. Tech S7 EC-Advanced Communication Lab.)).

Electronics Workshop



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Electronics Workshop	3	Digital Multimeter, Soldering Station, Cathode ray Oscilloscope, Digital storage oscilloscope, DC Power supply, Frequency counter, Function Generator	10 hours/week (B.Tech S1 &S2 EC Workshop - Civil Engg.,Mech.E ngg.,Electroni cs Engg., Electrical Engg., Computer Engg. Students)

PG Project Lab



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
PG Project Lab	4	32 i5 Laptops	30Hrs./week MTech M4 Thesis work

Telecommunication & Machine Learning Lab (Research Lab)



Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
Telecommunication & Machine Learning Lab	1	Portable Computing machine HP 450Gb, Brother DCP L2520 mono laser multifunction printer, HP Z2 G4 workstation, HP TFT Display, SWR Kit	30 Hrs. /Week

UG Project Lab

Name of the Laboratory	No. of Students per Batch	Name of Important Equipments	Weekly utilization status
UG Project Lab	4	Digital Multimeter, Cathode ray Oscilloscope, Digital storage oscilloscope, Function generator, DC power supply, Analog IC trainer Kit, LCR meter, Frequency counter	15 hours (B.Tech S8 EC-project)

Seminar Hall



Department Library

