

DEPARTMENT OF ECE INFRASTRUCTURE

The Electronics and Communication Department is equipped with state-of-the-art infrastructure to support advanced learning and research. The department boasts well-equipped laboratories, including Analog and Digital Electronics Labs, Communication Systems Lab, and VLSI Design Lab, providing hands-on experience with the latest technologies. The department library offers an extensive collection of textbooks, reference materials, and journals, fostering a rich academic environment. Additionally, modern e-classrooms equipped with smart boards, projectors, and high-speed internet facilitates interactive and dynamic learning experiences, bridging the gap between theoretical concepts and practical applications.



Figure 1: Department of Electronics and Communication Engineering



Figure 2: Pulse Digital Circuits & IC Lab.



Figure 3: Electronics Devices & Circuits lab.



Figure 4: Simulation Lab1



Figure 5: Simulation Lab2



Figure 6: Microwave and Optical Communication Lab



Figure 7: Analog and Digital Communication Lab

Details of Laboratories

S.No	Name of the Lab	Area in Sq.m	Equipment
1	Analog & Digital Communications	132.35	Function generator-16, Cathode ray oscilloscope-9, Regulated Power Supply-14
2	Pulse Digital circuits & IC	132.35	Function Generator-11, Cathode Ray Oscilloscope-10, Regulated Power Supply-11
3	Signal Processing	132.24	Desktop Computers, MATLAB R2017a
4	Simulation	100.15	Desktop Computers, MATLAB R2017a
5	VLSI	107.37	Desktop Computers, Mentor Graphics EDA tool
6	Microwave & Optical Communication	107.37	Klystron Power Supply-9, Klystron Tube-9, Isolator-9, Frequency Meter-9, Variable Attenuator-9, Detector Mount-9, Waveguide Stands-9, VSWR Meter-9, Cathode Ray Oscilloscope-9, Optical Transmitter Receiver-2
7	Electronic Devices & Circuits	132.35	Function generator-12, Cathode Ray Oscilloscope-7, Regulated Power Supply-9
8	Research	132.24	Mixed Signal Oscilloscope – 1, Spectrum Analyzer – 3, Arbitrary Waveform Generator – 2, Logic Analyzer – 1, Digital RF Communication Kit -1, Antenna Digital Trainer -1
9	Project Lab	45.35	Cathode Ray Oscilloscope-3, Regulated Power Supply-3, Function Generator-3, Desktop Computers-2



Figure 6: Seminar Hall



Figure 7: Department Library

No. of Titles and Volumes	
Department Library	<ul style="list-style-type: none">➤ 1034 Titles➤ 1252 Volume
Seating Capacity	<ul style="list-style-type: none">➤ 10 Students