

➤ **Course Syllabus**

B.Sc (Physics)-1 st Year	Semester - I	Mechanics
	Semester - II	Thermal Physics
B.Sc (Physics)-2 nd Year	Semester - III	Electromagnetic Theory
	Semester - IV	Waves and Optics
B.Sc (Physics)-3 rd Year	Semester - V	Modern Physics
	Semester - VI	Electronics
B.Sc (Electronics)-1 st Year	Semester - I	Circuit Analysis
	Semester - II	Electronic Devices
B.Sc (Electronics)-2 nd Year	Semester - III	Analog Circuits
	Semester - IV	Linear Integrated Circuits and Basics of Communication
B.Sc (Electronics)-3 rd Year	Semester - V	Digital Electronics and Microprocessor
	Semester - VI	Microcontroller and Applications
M.Sc (Physics)-1 st Year	Semester - I	Mathematical Physics Classical Mechanics Solid State Physics Analog and Digital Electronics
	Semester - II	Statistical Mechanics Quantum Mechanics-I Integrated Circuits & Analog Modulation MATLAB and Applications
M.Sc (Physics)-2 nd Year	Semester - III	Quantum Mechanics- II Nuclear Physics Microprocessor –8086 Electronic Communication Systems

Semester - IV

Electromagnetic theory and Optics
Molecular and Resonance Spectroscopy
Microcontrollers and Applications
Satellite and Mobile Communications