

(Common to Electronics, Photonics and Instrumentation Specialisations)

SEMESTER - 1

SUBJECTS	Credits
Complex Variables and Integral Transforms	4
Quantum Mechanics	4
Solid State Physics	4
Optical Physics	4
Network Analysis	4

SEMESTER - 2

SUBJECTS	Credits
Electromagnetic Theory	4
Atomic and Molecular Physics	4
Electronic Devices and Circuits	4
Signals and Systems	4
Problem Solving and Computer Programming	4

SEMESTER - 3

SUBJECTS	Credits
Switching Theory and Logic Design	4
Materials Science	4
Opto-Electronics	4
Linear Integrated Circuit Applications	4
Measurement Techniques and Error Analysis	4