

LAB - EXAMS

(Common to Electronics, Photonics and Instrumentation Specialisations)

SEMESTER - 1

SUBJECTS	Credits
Optics Laboratory	2
Solid State Physics Lab	2
Networks Lab	2

SEMESTER - 2

SUBJECTS	Credits
Electronic Devices and Circuits Lab	2
Computer Programming Lab	2
Signals and Systems Lab	2

SEMESTER - 3

SUBJECTS	Credits
Linear Integrated Circuits Lab	2
Switching Theory and Logic Design Lab	2
Measurement Techniques Lab	2

Electronics Specialization

SEMESTER - 4

SUBJECTS	Credits
Digital System Design Lab	3
Microprocessors and Interfacing Lab	3
Communication Lab	3

SEMESTER - 5

SUBJECTS	Credits
Digital Signal Processing Lab	3
Microcontrollers Lab	3
Comprehensive Viva	2

Photonics Specialization

SEMESTER - 4

SUBJECTS	Credits
Optical System Design Lab	3
Optical Instruments Lab	3
Opto Electronics Lab	3

SEMESTER - 5

SUBJECTS	Credits
Opto Electronic Sensing Laboratory	3
Fourier Optics & Networking Lab	3
Comprehensive Viva	2

Instrumentation Specialization

SEMESTER - 4

SUBJECTS	Credits
Micro Controllers Lab	3
Transducer and Signal Conditioning Lab	3
Process Control Lab	3

SEMESTER - 5

SUBJECTS	Credits
Analytical and Process Instrumentation Lab	3
Nuclear Instrumentation Lab	3
Comprehensive Viva	2