

SEMESTER – I

Sr. No.	Subject Code	Subject
1	MSC23G101	Analog Integrated Electronics and Physics of Electronic Materials
2	MSC23G102	Digital Design and Applications
3	MSC23G103	Signals, Mathematical and Computational Methods in Electronics
4	MSC23G104	Optical Quantum and Organic Electronics
5	MSC23G105	1. Lab course “A” Analog Electronics Lab
6	MSC23G106	2. Lab course “B” Digital electronics Lab

SEMESTER – II

Sr. No.	Subject Code	Subject
1	MSC23G201	Network Analysis and Synthesis
2	MSC23G202	Microprocessor and C++ Programming
3	MSC23G203	Analog and Digital Communication Systems
4	MSC23G204	Electromagnetic Plane wave, Transmission lines and Microwave Devices
5	MSC23G205	Lab course “C” Analog and Digital Communication Lab
6	MSC23G206	Lab course “D” –8085 Microprocessor Programming, Study Cards and Interfacing Lab

SEMESTER - III

Sr. No.	Subject Code	Subject
1	MSC23G301	Advanced Microprocessor and Interfacing
2	MSC23G302	Data Communication, Mobile and Wireless Communication
3	MSC23G303	Instrumentation and Measurement Or Optional Photonics
4	MSC23G304	Power Electronics, Information Theory and Coding
5	MSC23G305	Lab course "E" - Optical Electronics, Transducer and Instrumentation Lab
6	MSC23G306	. Lab course "F" – 8086 Microprocessor Programming, Interfacing and "C++" Programming Lab

SEMESTER - IV

Sr. No.	Subject Code	Subject
1	MSC23G401	Digital Signal Processing
2	MSC23G402	Optical and Satellite Communication
3	MSC23G403	Automatic Control System and Artificial Neural Network
4	MSC23G404	Embedded System and Microcontroller
5	MSC23G405	1. Lab course "G" - Optical Communication and 8051 Programming Lab
6	MSC23G406	2. Project & Seminar