

grade	Subject name	Subject type	Credits
Semester 1	DISCUSSION OF SPECIFIC TOPIC (1)	Major Requirements	2
Semester 1	DISCUSSION OF SPECIFIC TOPIC (2)	Major Requirements	2
Semester 1	DIGITAL SIGNAL PROCESSING	Major Electives	3
Semester 1	COMMUNICATION SIGNAL PROCESSING	Major Electives	3
Semester 1	DIGITAL IMAGE PROCESSING	Major Electives	3
Semester 1	RF CIRCUIT DESIGN (I)	Major Electives	3
Semester 1	ANALOG IC DESIGN (1)	Major Electives	3
Semester 1	ADVANCED APPLICATION OF MICROCONTROLLER (DESIGN & IMPLEMENTATION)	Major Electives	3
Semester 1	IOT INTEGRATED APPLICATION(1)	Major Electives	3
Semester 1	ESD PROTECTION DESIGN IN INTEGRATED CIRCUITS	Major Electives	3
Semester 1	ANALOG IC DESIGN (2)	Major Electives	3
Semester 1	RF CIRCUIT DESIGN (2)	Major Electives	3
Semester 1	EMBEDDED OS IMPLEMENTATION	Major Electives	3
Semester 1	IOT INTEGRATED APPLICATION(2)	Major Electives	3
Semester 1	COMPUTER VISION	Major Electives	3
Semester 2	PATTERN RECOGNITION	Major Electives	3
Semester 2	RELIABILITY ENGINEERING OF INTEGRATED CIRCUITS	Major Electives	3
Semester 2	EMBEDDED SYSTEM DESIGN	Major Electives	3
Semester 2	WIRELESS COMMUNICATION SIGNAL PROCESSING	Major Electives	3