

B.E. in Electronics and Telecommunication Engineering

First Year	
Sem I	Sem II
FEC101: Engineering Mathematics-I	FEC201 : Engineering Mathematics-II
FEC102 : Engineering Physics-I	FEC202 : Engineering Physics-II
FEC103 : Engineering Chemistry-I	FEC203 : Engineering Chemistry-II
FEC104 : Engineering Mechanics	FEC204 : Engineering Graphics
FEC105 : Basic Electrical Engineering	FEC205 : C programming
FEL101 : Engineering Physics-I	FEC206 :Professional Communication and Ethics- I
FEL102 : Engineering Chemistry-I	FEL201 :Engineering Physics-II
FEL103: Engineering Mechanics	FEL202: Engineering Chemistry-II
FEL104 : Basic Electrical Engineering	FEL203:Engineering Graphics
FEL105: Basic Workshop practice-	FEL204 : C programming -
	FEL205 : Professional Communication and Ethics- I
	FEL206 : Basic Workshop practice-II
Second Year	
Sem III	Sem IV
ECC301: Engineering Mathematics-III	ECC 401 :Engineering Mathematics- IV
ECC302: Electronic Devices & Circuits	ECC402: Microcontrollers
ECC303: Digital System Design	ECC403: Linear Integrated Circuits
ECC304: Network Theory	ECC404: Signals & Systems
ECC305: Electronic Instrumentation & Control Systems	ECC405: Principles of Communication Engineering
ECL301: Electronic Devices & Circuits Laboratory	ECL401: Microcontrollers Laboratory
ECL302: Digital System Design Laboratory	ECL402: Linear Integrated Circuits Laboratory
ECL 303: Electronic Instrumentation & Control Systems Laboratory	ECL403: Principles of Communication Engineering Laboratory
ECL 304: Skill Laboratory: C++ and Java Programming	ECL404: Skill Laboratory: Python Programming
ECM 301: Mini Project 1A	ECM401: Mini Project 1B
Third Year	
Sem V	Sem VI
ECC501: Microprocessor and Peripherals interfacing	ECC601 : Microcontrollers & Applications
ECC502: Digital Communication	ECC602 : Computer Communication Networks

ECC503: Electromagnetic Engineering	ECC603: Antenna & Radio Wave Propagation
ECC504: Discrete Time Signal Processing	ECC604 : Image Processing and Machine Vision
ECCDLO501X:Department Level Optional Course I	ECCDLO602X Department Level Optional Course II
ECCDLO 5011 : Microelectronics	ECCDLO 6021: Digital VLSI Design
ECCDLO 5012: TV & Video Engineering	ECCDLO 6022: Radar Engineering
ECCDLO5013: Finite Automata Theory	ECCDLO 6023: Database Management System
ECCDLO 5014: Data Compression and Encryption	ECCDLO 6024: Audio Processing
ECL501: Microprocessor and Peripherals interfacing Laboratory	ECL601: Microcontrollers & Applications Laboratory
ECL502: Digital Communication Laboratory	ECL602 : Computer Communication Networks Laboratory
ECL503: Business Communication & Ethics Laboratory	ECL603: Antenna & Radio Wave Propagation Laboratory
ECL504 Open Source Technology for Communication Laboratory	ECL604: Image Processing and Machine Vision Laboratory
ECL DLO501X:Department Level Optional Lab - I	ECL DLO602X:Department Level Optional Lab II
ECLDLO 5011: Microelectronics Laboratory	ECLDLO6021: Digital VLSI Design Laboratory
ECLDLO 5012: TV & Video Engineering Laboratory	ECLDLO6022: Radar Engineering Laboratory
ECLDLO 5013: Finite Automata Theory Laboratory	ECLDLO6023: Database Management System Laboratory
ECLDLO 5014: Data Compression and Encryption Laboratory	ECLDLO6024: Audio Processing Laboratory
Final Year	
Sem VII	Sem VIII
ECC701: Microwave Engineering	ECC801: RF Design
ECC702 : Mobile Communication System	ECC802: Wireless Networks
ECC703: Optical Communication	ECCDLO804X:Department Level Optional Course IV
ECCDLO703X:Department Level Optional Course III	ECCDLO8041: Optical Networks
ECCDLO7031: Neural Networks and Fuzzy Logic	ECCDLO8042: Advanced Digital Signal Processing
ECCDLO7032: Big Data Analytics	ECCDLO8043: Satellite Communication
ECCDLO7033 : Internet Communication Engineering	ECCDLO8044: Network management in Telecommunication

ECCDLO7034: CMOS Mixed Signal VLSI	ILO802X:Institute level optional course-II
ECCDLO7035: Embedded System	ILO8021: Project Management
ILO701X:Institute level optional course-I	ILO8022: Finance Management
ILO7011: Product Lifecycle Management	
ILO7012: Reliability Engineering	ILO8023: Entrepreneurship Development and Management
ILO7013: Management Information System	ILO8024: Human Resource Management
ILO7014: Design of Experiments	ILO8025: Professional Ethics and CSR
ILO7015: Operation Research	ILO8026: Research Methodology
ILO7016: Cyber Security and Laws	ILO8027: IPR and Patenting
ILO7017: Disaster Management and Mitigation Measures	ILO8028: Digital Business Management
ILO7018: Energy Audit and Management	ILO8029: Environmental Management
ILO7019: Development Engineering	ECL 801: RF Design Laboratory
ECL701: Microwave Engineering Laboratory	ECL 802: Wireless Networks Laboratory
ECL702: Mobile Communication System Laboratory	ECL DLO804X:Department Level Optional Lab IV
ECL703: Optical Communication Laboratory	ECLDLO8041: Optical Networks Laboratory
ECLDLO703X:Department Level Optional Lab III	ECLDLO8042: Advanced Digital Signal Processing Laboratory
ECLDLO7031: Neural Networks and Fuzzy Logic Laboratory	ECLDLO8043: Satellite Communication Laboratory
ECLDLO7032: Big Data Analytics Laboratory	ECLDLO8044: Network management in Telecommunication Laboratory
ECLDLO7033: Internet Communication Engineering Laboratory	ECL 803: Project-II
ECLDLO7034: CMOS Mixed Signal VLSI Laboratory	
ECLDLO7035: Embedded System Laboratory	
ECL704: Project-I	