

B.TECH ECE PROGRAM STUCTURE FOR 2016-20 (R16) REGULATION

I B.TECH I SEMESTER

I B.TECH II SEMESTER

Course Code	Course Name
C101	Mathematics-I (M1)
C102	Engineering Chemistry (EC)
C103	Engineering Physics-I (EP1)
C104	Professional Communication in English(PCE)
C105	Engineering Mechanics(EM)
C106	Basic Electrical and Electronics Engineering(BEEE)
C107	English Language Communication Skills Lab(ELCS Lab)
C108	Engineering Workshop(EW)
C109	NSS

Course Code	Course Name
C111	Engineering Physics-II(EP-II)
C112	Mathematics-II(M-II)
C113	Mathematics-III(M-III)
C114	Computer Programming in C(Program C)
C115	Engineering Graphics(EG)
C116	Engineering Chemistry Lab(EC Lab)
C117	Engineering Physics Lab(EP Lab)
C118	Computer Programming in C Lab(C Lab)
C119	NCC/NSO

II B.TECH I SEMESTER

II B.TECH II SEMESTER

Course Code	Course Name
C211	Mathematics – IV(M-IV)
C212	Analog Electronics(AE)
C213	Electrical Technology(ET)
C214	Signals and Stochastic Process(SSP)
C215	Network Analysis(NA)
C216	Electronic Devices and Circuits Lab(EDC Lab)
C217	Basic Simulation Lab(BS Lab)
C218	Basic Electrical Engineering Lab(BEE Lab)
C219	Environmental Science and Technology(EST)

Course Code	Course Name
C221	Switching Theory and Logic Design(STLD)
C222	Pulse and Digital Circuits(PDC)
C223	Control Systems(CS)
C224	Analog Communications(AC)
C225	Business Economics and Financial Analysis(BEFA)
C226	Analog Communications Lab(AC Lab)
C227	Pulse and Digital Circuits Lab(PDC Lab)
C228	Analog Electronics Lab(AE Lab)
C229	Gender Sensitization Lab(GS Lab)

III B.TECH I SEMESTER

III B.TECH II SEMESTER

Course Code	Course Name
C311	Electromagnetic Theory and Transmission Lines(EMTL)
C312	Linear and Digital IC Applications(LDIC)
C313	Digital Communications(DC)
C314	Fundamentals of Management(FM)
C315	Operating Systems(OS)
C316	Data Base Management Systems(DBMS)
C317	Linear IC Applications Lab(LIC Lab)
C318	Digital IC Applications Lab(DICA Lab)
C319	Digital Communications Lab(DC Lab)
C31A	Professional Ethics(PE)

Course Code	Course Name
C321	Digital System Design(DSD)
C322	Digital Image Processing(DIP)
C323	Antennas and Wave Propagation(AWP)
C324	Microprocessors and Microcontrollers(MPMC)
C325	Digital Signal Processing(DSP)
C326	Digital Signal Processing Lab(DSP Lab)
C327	Microprocessors and Microcontrollers Lab(MPMC Lab)
C328	Advanced English Communication Skills Lab(AECS Lab)
C329	Java Programming(JP)
C32A	Cyber Security(CS)

IV B.TECH I SEMESTER

IV B.TECH II SEMESTER

Course Code	Course Name
C411	Microwave Engineering(MWE)
C412	VLSI Design(VLSI)
C413	Wireless Communications and Networks(WCN)
C414	Embedded System Design(ESD)
C415	FPGA Programming(FPGA)
C416	Electronic Measurements and Instrumentation(EMI)
C417	VLSI and E-CAD Lab(VLSI&ECAD Lab)
C418	Microwave Engineering Lab(MWE Lab)
C419	Industry Oriented Mini Project
C41A	Seminar
C41B	Object Oriented Programming(OOP)
C41C	Computer Networks(CN)

Course Code	Course Name
C421	Linux Programming(LP)
C422	R Programming(RP)
C423	Optical Communications(OC)
C424	Global Positioning System(GPS)
C425	Major Project

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