



E&TC Engineering Department

Course Outcomes

Course Name:-	Mobile Communication
Course Code:-	-404189
At the end of course, students will be able to-	
CO1:-	Selection of appropriate switching techniques for given situation.
CO2:-	Estimation of delay in system
CO3:-	Applying particular technique for traffic control
CO4:-	Analyzing the effect of frequency and propagation on utility of signal
CO5:-	Designing the allocation of propagation path between transmitter and receiver
CO6:-	Examine and analyze the GSM, PSTN TST switch, 3G mobile phone, CDMA system
CO7:-	Implement the system of VOIP
Course Name:-	Broadband Communication
Course Code:-	Systems(404190)
At the end of course, students will be able to-	
CO1:-	Identify & analyze optical components used for system component design.
CO2:-	Estimate and analyze various parameters of optical fiber to solve complex engineering problems.
CO3:-	Select appropriate multichannel system for efficient communication and problem statement design.
CO4:-	Identify and analyze various launching techniques and orbital mechanisms to get communication system as
CO5:-	Identify various satellite subsystems to meet the socio economic challenges.
CO6:-	Design and analyze satellite link for sustainable satellite communication.
Course Name:-	Elective III:Audio Video Engineering
Course Code:-	-404191
At the end of course, students will be able to-	
CO1:-	Analyze the picture elements for transmission & reception.
CO2:-	Migrate into domain of contemporary technologies.
CO3:-	Compare various technologies for reception.
CO4:-	Select & analyze audio systems as well as acoustics for a given situation.
CO5:-	Analyzing incorporation of appropriate standards
CO6:-	Fault Finding & diagnosis of TV sets.
Course Name:-	Elective IV: Wireless Networks
Course Code:-	-404192
At the end of course, students will be able to-	
CO1:-	Analyze recent trends in the communication field
CO2:-	Understand different wireless technologies and standards.
CO3:-	Categorize and analyze various protocols render by latest wireless technologies.
CO4:-	Interpret, describe the basic concept of Voice over Internet Protocol and understand challenges in VOIP.
Course Name:-	Project Phase-II
Course Code:-	-404195
At the end of course, students will be able to-	
CO1:-	Apply the relevant knowledge and skills, which are acquired within the technical area, to a given problem
CO2:-	within given constraints, even with limited information, independently analyze and discuss complex inquiries/problems and handle larger problems on the advanced level within the technical area
CO3:-	Be able to document and present one's own work, for a given target group, with strict requirements on structure, format, and language usage.
CO4:-	Be able to identify one's need for further knowledge and continuously develop one's own competencies