

Branch Name:	Information and Communication Technology
Program Code:	ET208
Course Name:	High Speed Networks Practical(Elective – III)
Course Code:	2ET2080303P
Pre-requisite Course:	Basic understanding of computer hardware and software

Course Objective:

1. To provide an overview of the state-of-the-art and scenarios of applications of high speed communication networks.
2. To understand various aspects and technologies of high speed and broadband networks
3. To understand network devices and ne
4. To understand different network simulator.

Teaching and Examination Scheme:

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Credit	Teaching Scheme Hours per week				Evaluation Scheme(Marks)									
					Theory(Marks)				Practical(Marks)				Total(Marks)	
	L	T	P	Total	SEE		CCA		SEE		CCA			
					Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.		
1	-	-	2	2	-	-	-	-	10	25	10	25	50	

LAB/Practical

- 1 To study transmission media.
- 2 To Study of Network Devices in Detail.
- 3 To Study of basic network command and Network configuration commands
- 4 To Study about different physical equipment used for networking.
- 5 To Study OSI reference model and TCP/IP reference model.
- 6 To discover and use any one networking tool for network traffic.
- 7 Demonstrate the configuration of the FTP.
- 8 Demonstrate configure of networking OS, NIC, Cable etc.
- 9 Demonstrate the simple network configuration with a router that connects two local area network (LAN) segments using cisco packet tracer.
- 10 Demonstrate configuration of the Web server.