Course Number and Name
BEC601 - COMPUTER COMMUNICATION AND NETWORKS

Course Objectives

- To make the students to understand the different layers of ISO /OSImodel and TCP/IP Network IEEE standards.

- To understand IP addressing methods and QOS parameters.

- To know he functions and congestion control mechanism of TCP.

- To know about application layer and network security.

Prerequisites	Co-requisites
BEC504-Communication Engineering-I	BEC604-Communication Engineering-II

Course Outcomes (COs)

CO1: Explain the networks, topologies and layers of OSI model, compare with TCP/IPmodel.

CO2: Classify error control and flow control techniques and   types of LAN technologies

CO3: Analyze different routing algorithms and methods to improve QOS.

CO4: Explain the role of protocols in networking.

CO5: Summarize the transport layer protocols and congestion controls methods

CO6: Describe various application layer services and cryptographic techniques.

Student Outcomes (SOs) from Criterion 3 covered by this Course

COs/SOs	a	b	c	d	e	f	g	h	i	j	k
CO1	H	H			M	M				H	L
CO2	M	L							M		
CO3	M	H	M	M			H			M	
CO4	M	H	M	M	H		M		M		H
CO5								L	H		
CO6	H					M					