

ETE801T: MICROWAVE & RADAR ENGINEERING (Theory)

After the completion of Course, Students will be able to.....

		Blooms Level	PO
ETE801T.1	Analyze different UHF components with the help of scattering parameter.	Level 4	PO 1
ETE801T.2	Illustrate and elaborate the use of active and passive microwave devices and Understand micro strip lines MIC design	Level 1,6	PO 1, 6
ETE801T.3	Analyze the different power distribution Tees	Level 4	PO 1
ETE801T.4	Define and explain the radar systems used in a wide spectrum of applications.	Level 1,5	PO 1
ETE801T.5	Classify and compare specialized areas of Radar engineering.	Level 2	PO 1
ETE801T.6	Identify, formulate and model problems and find Radar engineering solutions based on a system approach	Level 2,6	PO 1,6

Name and Sign of Course Teacher

ETE801P : MICROWAVE & RADAR ENGINEERING (Practical)

After the completion of Course, Students will be able to.....

		Blooms Level	PO
ETE801P.1	Define and explain working of microwave bench.	Level 1,5	PO 1

ETE801P.2	Evaluate and measure power & VSWR of microwave component	Level 5	PO 1, 6
ETE801P.3	Design a graph of V-I characteristics of Gunn and Klystron amplifier.	Level 6	PO 1
ETE801P.4	Find the distance of target from RADAR	Level 1	PO 1,6

Name and Sign of Course Teacher

**ETE802T: COMPUTER COMMUNICATION AND NETWORKS
(Theory)**

After the completion of Course, Students will be able to.....

		Blooms Level	PO
ETE802T.1	Interpret and illustrate the requirement of theoretical & practical aspect of computer network.	Level 2,5	PO 1
ETE802T.2	Interpret the network traffic in computer network.	Level 2	PO 1, 3
ETE802T.3	Explain various protocols used in network.	Level 6	PO 1, 2
ETE802T.4	Elaborate the concept of computer network security.	Level 6	PO 1
ETE802T.5	Identify and compare the different wired & wireless LAN standards & Routers.	Level 2,3	PO 1,2
ETE802T.6	Demonstrate network administration using network simulator, etc.	Level 2	PO 1

Name and Sign of Course Teacher

**ETE802T: COMPUTER COMMUNICATION AND NETWORKS
(Practical)**

After the completion of Course, Students will be able to.....

		Blooms Level	PO
ETE802T.1	Identify and select various cables and connectors used for networking	Level 2	PO 1
ETE802T.2	Establish peer to peer computers as well as create Local Area Network connectivity	Level 6	PO 1,3
ETE802T.3	Make use of available networking tools in Computer Communication Network effectively	Level 3	PO 1,3,4

Name and Sign of Course Teacher

ETE803T: WIRELESS & MOBILE COMMUNICATION (Theory)

After the completion of Course, Students will be able to.....

		Blooms Level	PO
ETE803T.1	Design a model of cellular system communication and analyze their operation and performance	Level 6,4	PO 1
ETE803T.2	Identify and Quantify the causes and effects of path loss and signal fading on received signal Characteristics.	Level 3	PO 1, 2
ETE803T.3	Construct and analyze the GSM system	Level 6	PO 1
ETE803T.4	Define the components of mobile and wireless communication	Level 1	PO 2
ETE803T.5	Explain mobile and wireless technologies	Level 2	PO 2
ETE803T.6	Distinguish different types of mobile and wireless networks	Level 4	PO 1

Name and Sign of Course Teacher

ETE804T: Digital Image Processing (Theory)

After the completion of Course, Student will be able to

		Blooms Level	PO
ETE804T.1	Classify various components of image processing.	Level 4	PO 1
ETE804T.2	Develop basic image processing algorithms in MATLAB	Level 2	PO 1
ETE804T.3	Summarize different transforms for image processing.	Level 2	PO 1,2
ETE804T.4	Analyze different image compression algorithms.	Level 4	PO 2
ETE804T.5	Categorize various methods of image representation and description.	Level 4	PO 1
ETE804T.6	construct image by inverse filtering method.	Level 6	PO 2

Name and Sign of Course Teacher

ETE805T: SATELLITE COMMUNICATION (Theory)

After the completion of Course, Students will be able to.....

		Blooms Level	PO
ETE805T.1	Define laws of planetary motion, terminologies used, and gain knowledge with respect to various frequencies, services, and current applications of different organizations.	Level 6	PO 1
ETE805T.2	Solve basic problems, design link by understanding and analyzing different losses to be considered and prepare budget for the same. Analyze the different access methods used for various applications..	Level 3,4	PO 1, 2

ETE805T.3	Explain the space segment and earth segment in detail.	Level 6	PO 1
ETE805T.4	Identify applications along with their working principle, advantages, disadvantages etc.	Level 3	PO 2
ETE805T.5	Explain the mobile and wireless technologies	Level 6	PO 2
ETE805T.6	Distinguish different types of mobile and wireless networks	Level 4	PO 1

Name and Sign of Course Teacher