B-TECH Electronics & Communication Engineering

COURSE COUT COMES

SEM 4-1

Management science

CO 1: Able to apply the concepts & principles of management in real life industry.

CO 2: Able to design & develop organization chart & structure for an enterprise.

CO 3: Able to apply PPC techniques, Quality Control, Work-study principles in real life industry

CO 4: To identify underlying assumptions and approximations in simple models

CO 5: To use spreadsheets to formulate and use simple models

computer networks

CO 1: Explain the basic of computer networks and various protocols.

CO 2: Make Use of the World Wide Web concepts.

CO 3: Organize to administrate a network and flow of information further.

CO 4: Explain easily the concepts of network security, mobile and ad hoc networks.

Micro wave engineering

CO 1: Understand the significance of microwaves and microwave transmission lines.

CO 2: Analyze the characteristics of microwave tubes and compare them.

CO 3: Be able to list and explain the various microwave solid state devices.

CO 4: Can set up a microwave bench for measuring microwave parameters.

Cellular and mobile communications

CO 1: Explain basic cellular systems.

CO 2: Discuss the concepts of diversity techniques

CO 3: Explain Concepts of Adjacent channel interference.

CO 4: Distinguish between cochannel and adjacent channel interference.

Digital image processing

CO 1: Have an appreciation of the Fundamentals of Digital Image Processing including the topics of filtering

CO 2: Have an appreciation of the Fundamentals of Digital Image Processing including the topics of filtering

CO 3: The fundamentals of digital image processing

CO 4: Image transform used in digital image processing

Embedded systems design

CO 1: Understand and design embedded systems.

CO 2: Learn basics of RTOS

CO 3: Understand types of memory and interacting to external world.

CO 4: Understand and design embedded systems.

CO 5: An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability