

II YEAR -II SEM
Managerial Economics and Financial Analysis

- CO 1.** Compare what is economics, demand, supply, production and other economical concepts.
- CO 2.** Identify the process of recording, classifying and summarization of financial information.
- CO 3.** Apply skills of economics and accounts techniques for current conditions.
- CO 4.** Improve how to select different projects from market.
- CO 5.** Plan economic policies, what is business environment and Indian economy.
- CO 6.** Distinguish between economics and accounting its use-fullness.

POWER SYSTEMS

- CO 1.** Identify about the generation of power conventionally.
- CO 2.** Draw the Line diagrams of all the power stations.
- CO 3.** Compare between the air insulated and gas insulated substations as well.
- CO 4.** Calculate the voltage distributions, current, power in various feeders and distributors.
- CO 5.** Apply the techniques in industries for power quality.

Electronic Circuits

- CO 1.** Design and analyze the single stage amplifiers with different configurations of BJT and FET.
- CO 2.** Describe the importance of feedback in amplifiers and their design considerations.
- CO 3.** Identify the significance of frequency response in BJT and FET circuits.
- CO 4.** Analyze and design different multivibrators.
- CO 5.** Identify the significance of clipper and clamper circuits.
- CO 6.** Describe the switching characteristics of devices.
- CO 7.** Analyze and predict the circuit models with comparisons and discrepancies in real problems.

STLD

- CO 1.** Use the concepts of Boolean algebra for the analysis & design of various combinational & sequential circuits.

- CO 2.** Design various logic gates using starting from simple ordinary gates to complex programmable logic devices & arrays.
- CO 3.** Manipulate numeric information in different forms, e.g. different bases, signed integers, various codes such as ASCII, Gray and BCD.

NETWORK THEORY

- CO 1.** Analyze the three phase ac circuits for balanced and unbalanced circuits and derive the power factor in designing and analysis of power system networks.
- CO 2.** Evaluate steady state and transient response of RL, RC and RLC for DC and AC excitations.
- CO 3.** Explain the properties and necessary conditions for driving point functions and transfer functions.
- CO 4.** Express given Electrical Circuit in terms of ABCD and Z, Y and H-Parameter model and relate various two port parameters.
- CO 5.** Distinguish low pass, high pass, band pass and band stop filters and Design various types of filters.
- CO 6.** Analyze given waveform through Fourier series and Fourier Transformation.

Electrical Machines-II

- CO 1.** Differentiate between transformers and other rotating electrical machines.
- CO 2.** Apply and design three-phase circuits in electrical machines.
- CO 3.** Analyze characteristics of dc motors and three-phase induction motors.
- CO 4.** Analyze areas of application of transformers and induction machines.

Gender Sensitization

- CO 1.** Develop a better understanding of important issues related to gender in contemporary India.
- CO 2.** Sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion materials derived from research, facts, everyday life, literature and films.
- CO 3.** Get knowledge on finger grasp of how gender discrimination works in our society and how to counter it

- CO 4.** Explain accounts of studies and movements as well as the new laws that provide and relief to women, the text book will empower students to understand and respond to gender violence.