T.E. (Electronics)

304210: INDUSTRIAL MANAGEMENT

Teaching Scheme:
Lectures- 4 hours per week

Examination Scheme:
Theory- 100 marks (3 hrs duration)

Unit – I Basics of Management


Unit – II Strategic Management

Unit – III Quality Management

Unit – IV Financial & Project Management
Capital Structure, Fixed & working capital, Role of Securities and Exchange Board of India (SEBI), function of money market and capital Market, sources of finance. Introduction to capital budgeting, Techniques of capital budgeting. Break even analysis - assumptions, importance, Cost-Benefit analysis, CVP graph, Project Management, Project network analysis, CPM, PERT and Project crashing and resource Leveling. (8 hrs)

Unit – V Human Resource Development
Strategic importance HRM; objectives of HRM; challenges to HR professionals; role, Responsibilities and competencies of HR professionals; HR department operations; Human Resource Planning - objectives and process; human resource information system.. Talent acquisition; recruitment and selection strategies, career planning and management, , training and development, investment in training programme; executive development. (8 hrs)

Unit – VI Management Information Systems
Concept of data and information, characteristics of information, types of information, Definition of MIS, Need, Purpose and Objectives, Contemporary Approaches to MIS, Components of an information system, Need to study information systems, Classification of information systems, Functional Business systems – sales & marketing, Human resources, accounting, manufacturing etc. Decision-making models, Types of decisions, Decision

Text books:


Reference Books: