Course : Project Management
Course Code : MGT307
Credit House : 03
Course Week : 16 – 18
Total Hours : 48 – 54
Semester : 3rd

Week 1
Introduction:
- Project Defined
- Type of Project
- Project
- Analysis
- Economics and Financial Point of
- Project stages
  - Identification
  - Preparation
  - Appraisal
  - Management
  - Implementation
  - Evaluation/Feed Back

Week 2
Cost Benefit Analysis:
- Introduction
- Introduction of cost and benefits
- Qualification of cost and benefits

Week 3
- Decision criteria under certainty
  - Introduction
  - Criteria for project selection models.
  - Types of project selection models.
  - Non-Numerical models.

Week 4, 5
- Net Present Value (NPV)
- Pay back period (PBP)
- Internal rate of return (IRR)
- Benefit cost ratio (B/C)

Week 6
Using Criteria’s for choosing Projects
- NPV
- PBP
- IRR
- B/C ratio

Week 7
Decision rules under uncertainty:
- Introduction
- The pay
- The maximum in and maximum out rules

Week 8
- The Hurwice rule
- The maximum regret rule
- Numerical

Week 9
Network Analysis:
- Introduction
- Bar Charts
- GANT Charts
- Network Diagrams

Week 10, 11
- Activities, Events Notes
- Network Analysis
- CPM
- PERT

Week 12
Numerical Treatment
- Network Analysis
- CPM
- PERT

Week 13, 14
Budgeting and cost estimation
- Budget definition
- Estimating project budget
- Top-Down budgets
- Bottom-Up budgets
- Activity budgeting v/s program budgets
- Other factors

Week 14, 15
- Project Control
- Definition of control
- The fundamental purpose of control
- Physical asset control
- Human Resource Contract
- Financial Resource control

Week 16
Assignment Presentation

Reference books:
1. Project management by Meredith Mantel (Fourth Edition)
2. Project Management By David L Clalad
3. The Little Black Books of Project Management by Micheal C Thomsell