

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