

**Programme - Masters in Management Studies**  
**Semester - IV**  
**COMMON SUBJECT**

<b>Semester</b>	:	<b>IV Core</b>
<b>Title of the Subject / Course</b>	:	Project Management
<b>Course Code</b>	:	
<b>Credits</b>	:	<b>4</b>
<b>Duration in Hrs.</b>	:	<b>40</b>

**Learning Objectives**

1	To introduce students of Management to concepts of Project
2	To apply and evaluate success parameters of cost ,time and quality in project management
3	To apply various techniques as cpm/pert/earned value analysis and projected financial statements
4	To enable student to conceive an idea, evaluate it's feasibility and make it workable.

<b>Prerequisites if any</b>	Finance Management( Capital budgeting, cost of capital,sources of finance), Business Statistics, HRM, Operations Research
<b>Connections with Subjects in the current or Future courses</b>	

**Module**

<b>Sr. No.</b>	<b>Content</b>	<b>Activity</b>	<b>Learning outcomes</b>
1	Overview of Project Management: Concepts and attributes of Project, Project lifecycle and stake holders, Project Organization, WBS, Scope and priorities, Project Identification, Market feasibility with Moving Average and Exponential smoothing methods, Techno-economic feasibility, Government policy to location, legal aspects, Preparation of DPR	Numerical examples and lectures	6 hrs Introduce concepts of basics of project management, Evaluate new project proposals, prepare detailed project report.
2	Project Planning : Time and cost estimates with AON and AOA conventions, Budget estimates, Network analysis, Float analysis, crashing concepts	Numerical examples and lectures	9 hrs Understand network diagram, critical path, concepts of crashing network.
3	Project scheduling and Risk Management: Gantt chart, splitting and multitasking ,Risks in time estimates, PERT analysis	Numerical examples and lectures	6 hrs Define risks in project management, make resource charts, find probability of completion of project.

Sr. No.	Content	Activity	Learning outcomes
4	Project Organization : Role and responsibilities of Project Manager, Team development model, sources of conflicts, conflict resolution	Lectures	3 hrs understand organization structure, flow of authority and responsibility
5	Earned value analysis : 'S' curve, Cost and schedule performance indices using network, Revised estimates of cost and time	Numerical examples and lectures	3 hrs Understand concepts of earned value, prepare revised estimates of cost and time.
6	Financial analysis: Profitability analysis ,Using NPV, IRR, Payback and discounted Payback period, PI. Preparation of projected statements of Income-expenditure and balance-sheet	Numerical examples and lectures	6 hr Evaluate project Financially, make projected statements of proposal
7	Computer applications and Softwares for Project Management	Demonstration lectures	3 hr introduce student to different softwares.
8	Project Management Cases	cases, presentation	4 hr apply all above principles To cases, students Presentations.

#### Text books

1	Project Planning estimation and assessment by Prasanna Chandra
2	Project Management : The Managerial Process by Gray and Larson 3E Tata McGraw-Hill
3	Quantitative Techniques in Management by N D Vohra

#### Reference books

1	Project Management Managerial Emphasis by Meredith and Mantel
---	---

#### Assessment

Internal	40%
Semester end	60%