

I> Course Content:

Semester	IV - Core
Subject	Project Management
Course Code	MMSC401 (RGCMS)
Credits	4
Duration	40

Learning Objective:

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.

Module

Sr. No.	Content	Activity	Course Outcomes
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	MMSC401.1
2	Project Planning : Time and cost estimates with AON and AOA conventions, Budget estimates, Network analysis, Float analysis, crashing concepts	Numerical examples and lectures	MMSC401.2
3	Project scheduling and Risk Management: Gantt chart, splitting and multitasking ,Risks in time estimates, PERT analysis	Numerical examples and lectures	MMSC401.2
4	Project Organization : Role and responsibilities of Project Manager, Team development model, sources of conflicts, conflict resolution	Lectures	MMSC401.3

5	Earned value analysis : 'S' curve, Cost and schedule performance indices using network, Revised estimates of cost and time	Numerical examples and lectures	MMSC401.4
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	MMSC401.5
7	Computer applications and Softwares for Project Management	Demonstration lectures	MMSC401.3
8	Project Management Cases	cases, presentation	

II> Course Outcomes

<u>Course Code</u>	<u>Course Outcomes</u> Students will be able to....	<u>Cognition</u>
MMSC401.1	Create detailed project report using the concepts of project management	Create
MMSC401.2	Apply the concepts of project planning, project scheduling and risk management	Apply
MMSC401.3	Understand project organisation and software usage for project management	Understand
MMSC401.4	Apply the concepts of earned value	Apply
MMSC401.5	Evaluate project financially using project evaluation methods	Evaluate

Text & Reference books

Sr. No.	Books
1.	Project Planning estimation and assessment by Prasanna Chandra
2.	Project Management : The Managerial Process by Gray and Larson 3E Tata McGrawHill
3.	Quantitative Techniques in Management by N D Vohra
4.	Project Management Managerial Emphasis by Meredith and Mantel