



# MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

## COURSE CONTENT

PROJECT MANGEMENT								
I SEMESTER								
Course Code	Category	Hours/Week			Credits	Maximum Marks		
24MB006D	Open Elective	L	T	P	C	CIE	SEE	Total
		4	-	-	4	40	60	100
Contact Classes:60	Tutorial Classes: Nil	Practical Classes: Nil			Total Classes: 60			
Prerequisite: Basic concepts of research and statistics								

### COURSE OVERVIEW:

The Project Management course introduces students to the concepts, principles, and practices required to successfully manage projects in organizations. It covers the project life cycle, including project initiation, planning, execution, monitoring, and termination. The course emphasizes tools such as Work Breakdown Structure (WBS), project budgeting, risk management, and earned value analysis. It also focuses on building effective project teams, leadership, conflict management, and stakeholder management. The course prepares students to apply project management techniques to achieve organizational goals in dynamic business environments.

### COURSE OBJECTIVES:

- To understand the fundamental concepts of project management, including project life cycle and stakeholder management.
- To learn project planning and design techniques such as project selection, Work Breakdown Structure (WBS), and project charter preparation.
- To develop knowledge of project execution and control, including monitoring, risk management, cost management, and budgeting.
- To build leadership and team management skills for effective teamwork, coordination, and conflict resolution.
- To gain competency in project performance evaluation and closure, including control cycles and Earned Value Management (EVM).

### COURSE OUTCOMES: After Completion of the course, students should be able to

1. Explain fundamental concepts, lifecycle, organizational structure with cultural factors shaping project management.
2. Design project plans through screening, selection, budgeting for monitoring frameworks.
3. Apply project execution techniques involving initiation, evaluation, risk assessment and cost management.

4. Demonstrate leadership capabilities in building teams, managing conflicts & facilitating cooperation within project environments.
5. Assess project performance using control cycles, earned value methods for evaluating metrics reflecting current trends.

**UNIT - I: INTRODUCTION:** Project management, what is project management, why project management, project lifecycle, project management research in brief, project management today, organization strategy and structure and culture, form a of organization structure, stake holder management, organization culture, creating a culture for project management.

**UNIT -II: PROJECTPLANNING:** Project planning defining the project, approaches to project screening and selection, work breakdown structure, financial module, getting approval and compiling a project charter, setting up a monitoring and controlling process

**UNIT -III: PROJECTEXECUTION:** Initiating the project, controlling and reporting project objectives, conducting project evaluation. Managing risk four stage process, risk management an integrated approach, cost management, creating a project budget.

**UNIT -IV: LEADINGPROJECTTEAMS:** Building a project team, characteristics of a effective project team, achieving cross functional cooperation, virtual project teams, conflicts management, negotiations.

**UNIT -V: PERFORMANCE MEASUREMENT AND EVALUATION:**

Project control cycles, monitoring project performances, earned value management, human factors in project evaluation and control, project termination, types of project terminations, project management and future current and future trends in project management.

**TEXT BOOKS:**

1. Project Management: The Managerial Process – Erik W. Larson & Clifford F. Gray
2. Project Management: A Managerial Approach – Jack R. Meredith & Samuel J. Mantel Jr.
3. Gray, Larson, “Project Management”, TataMcGrawHill,4thedition,2015.
4. JefferyK.Pinto, “Project Management”, PearsonEducation,4thedition,2015.
5. EnzoFrigenti, “Project Management”, Kogan,4thedition,2015.
6. Project Management Institute, “A guide to the Project Management Body of Knowledge”, Project Management Institute, 5th edition, 2013.
7. GregHorine, “Project Management Absolute Beginner's Guide”, QUEPublishing,3rdedition, 2012.

**REFERENCE BOOKS:**

- Project Management: Strategic Design and Implementation – David I. Cleland & Lewis R. Ireland

- Successful Project Management – Gido Jack & James P. Clements
- Project Management: Planning, Scheduling and Controlling – K. K. Chitkara
- The Fast Forward MBA in Project Management – Eric Verzuh
- Fundamentals of Project Management – Joseph Heagney

#### **ELECTRONIC RESOURCES:**

1. <http://home.hit.no/~hansha/documents/theses/projectmanagement.pdf>
2. <http://gurukpo.com/Content/MBA/Project%20Mngg..pdf>
3. <http://www.pondiuni.edu.in/sites/default/files/Project%20Managementt200813.pdf>
4. [http://www.adi.pt/docs/innoregio\\_pmanagement.pdf](http://www.adi.pt/docs/innoregio_pmanagement.pdf)
5. <https://book.akij.net/eBooks/2018/March/5abcc35b666f7/a%20guide%20to%20the%20project%20management%20body%20of%20knowledge%206e.pdf>

#### **MATERIALS ONLINE:**

1. Course template
2. Tutorial question bank
3. Tech talk and Concept Video topics
4. Open-ended experiments
5. Definitions and terminology
6. Assignments
7. Model question paper – I
8. Model question paper – II
9. Lecture notes
10. PowerPoint presentation
11. Drshya Siksha Sangrah (DSS) Videos

