

# GUJARAT TECHNOLOGICAL UNIVERSITY

## MAM (MASTERS IN APPLIED MANAGEMENT) DUAL DEGREE PROGRAMME

Year – III (Semester – V) (W.E.F. JULY 2014)

**Subject Name: Project Management**

**Subject Code: 4150503**

### 1. Course Objectives:

- To develop an awareness of the need for project planning and management
- To apply professional attitudes and techniques to managing a project
- Provide students with a basic understanding of project management principles and practices.
- Increase the student's ability to function effectively on a project team.
- Increase the student's ability to function effectively as a project manager.

**2. Course Duration:** The course duration is of 36 sessions of 75 minutes each i.e. 45 hours.

### 3. Course Contents:

Module No:	Module Content	No. of Sessions	70 Marks (External Evaluation)
I	Concept of project – classifications – project risk – scope of Project management – definitions – overview – project plan – management project management life cycles and uncertainty Project planning – scope – problem statement	7	17
II	project goals – objectives – success criteria – assumptions – risks – obstacles – approval process – projects and strategic planning-Project implementation – project resource requirements – Types of resources– men – materials– finance Project monitoring – evaluation – control – project network technique	7	17
III	planning for monitoring and evaluation – project audits – project management information system – project scheduling – PERT & CPM – project communication– post project reviews- Project team management – recruitment – organizing – human	7	18

	resources – team operating rules – project organization – various forms of project organizations – project organization Charting		
IV	project contracts – principles compilation of contracts – practical aspects – legal aspects global tender – negotiations – insurance Closing the project types of project termination – strategic implications – project in trouble – termination strategies – evaluation of termination possibilities – termination procedures	7	18
V	Practical Module: Prepare a project of your choice using the theoretical fundamentals in above modules and also prepare a project report under the guidance of your subject teacher.	8	Internal Evaluation (20 marks of CEC)

#### 4. Teaching Method:

The following pedagogical tools will be used to teach this course:

- (1) Lectures and Discussions
- (2) Assignments and Presentations
- (3) Case Analysis and Role Play

#### 5. Evaluation:

A	Projects/Assignments/Quiz/Class Participation, etc.	Weightage (50%) (Internal Assessment)
B	Mid-Semester Examination	Weightage (30%) (Internal Assessment)
C	End-Semester Examination (Min. 30% Theory and Mon. 70% Practical)	Weightage (70%) (External Assessment)

#### 6. Basic Text Books:

Sr. No.	Author	Name of the Book	Publisher	Year of Publication
T1	Clifford F Gray, Erik W Larson	“Project Management- The Managerial Process”	Mcgraw-Hill Publishing	Latest edition
T2	Khatua	Project	Oxford	Latest Edition

		Management and Appraisal	Publication	
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**Note:** Wherever the standard books are not available for the topic appropriate print and online resources, journals and books published by different authors may be prescribed.

### 7. Reference Books:

Sr. No.	Author	Name of the Book	Publisher	Edition
R1	P K Joy	Total Project Management- The Indian Context	Macmillan India Ltd	Latest edition
R2	Prasanna Chandra	Project Planning Concept	TMH Publication	Latest Edition
R3	Pinto	Project Management	Pearson	Latest Edition
R4	Jack Meredith, Samuel J. Mantel Jr	“Project Management- A Managerial Approach”	John Wiley and Sons	Latest edition
R5	David I Cleland	Project management	Mcgraw Hill International Edition	Latest edition
R6	Gopalakrishnan	Project Management	Mcmillan India Ltd	Latest edition
R7	John M Nicholas	“Project Management For Business And Technology”	Prentice Hall Of India Pvt Ltd	Latest edition

### 8. List of Journals/Periodicals/Magazines/Newspapers, etc.

Project Management Journals and Articles published in India  
Software like M.S. Project, SAP, etc. is encouraged.

### 9. Session Plan:

Session no.	Topic		
1-2	Introduction – Definitions – classifications – project risk – scope		
	Project management – definitions – overview – project plan		
3-4	management principles applied to project management – project management life cycles and uncertainty		
5-6	Project planning – scope – problem statement – project goals – objectives – success criteria – assumptions – risks – obstacles – approval process		
7	projects and strategic planning		

8-9	Project implementation – project resource requirements-types of resources – men – materials – finance
10-11	Project monitoring – evaluation – control-project network technique
12-13	planning for monitoring and evaluation – project audits- project management information system – project scheduling – PERT & CPM
14	project communication – post project reviews
15-16	Project team management – recruitment
17-18	organizing – human resources – team operating rules – project organization – various forms of project organizations
19-22	project organization charting – project contracts – principles – compilation of contracts – practical aspects – legal aspects – global tender – negotiations – insurance
23-24	Closing the project – types of project termination – strategic implications – project in trouble
25-28	termination strategies – evaluation of termination possibilities – termination procedures
29-36	<b>Practical</b>
	<b>Module:</b>
	Prepare a project of your choice using the theoretical fundamentals in above modules and also prepare a project report under the guidance of your subject

**ACTIVE LEARNING ASSIGNMENTS:** Preparation of power-point slides, which include videos, animations, pictures, graphics for better understanding theory and practical work – The faculty will allocate chapters/ parts of chapters to groups of students so that the entire syllabus to be covered. The power-point slides should be put up on the web-site of the College/ Institute, along with the names of the students of the group, the name of the faculty, Department and College on the first slide. The best three works should submit to GTU.