

GUJARAT TECHNOLOGICAL UNIVERSITY

MPM (MASTER IN PHARMACEUTICAL MANAGEMENT)

Year – V (Semester – X) (W.E.F. January 2017)

Subject Name: PROJECT MANAGEMENT (PM)

Subject Code: 4310210

1. 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	Marks (70 External exam)
I	Concept of project – classifications – project risk – scope Project management – definitions – overview – project plan – management project management life cycles and uncertainty Project planning – scope – problem statement – project goals – objectives – success criteria – assumptions – risks – obstacles – approval process – projects and strategic planning	7	17
II	Project implementation – project resource requirements – Types of resources – men – materials– finance Project monitoring – evaluation – control – project network technique –planning for monitoring and evaluation – project audits – project management information system – project scheduling – PERT & CPM – project communication – post project reviews	7	17

III	Project team management – recruitment – organizing – human resources – team operating rules – project organization – various forms of project organizations – project organization charting – 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
IV	Project Financing : Rights and obligations of Fund providers; Types of ownership Securities (Equity Shares, Preference Shares, deferred shares) Types of Debt Securities: Term loans, lease, debentures and bonds Hybrid Securities: Preference Shares, convertible bonds, bonds with warrants, Project Financing In India – SBI Guidelines, Financing of Export oriented units, Financing of small scale units, Financing of Infrastructure Projects	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	(20 Marks of CEC Internal Evaluation)

4. Teaching Method: The following pedagogical tools will be used to teach this

course: (1) Lectures and Discussions

(2) Role Playing

(3) Assignments and Presentations

5. Evaluation:

A	Projects/ Assignments/ Quizzes/ Individual or group Presentation/ Class participation/ Case studies etc	Weightage 50 marks (Internal Assessment)
B	Mid-Semester Examination	Weightage 30 marks (Internal Assessment)
C	End –Semester Examination	Weightage 70 marks (External Assessment)

6. Text Books:

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

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 and internationally, use of 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
19-21	project organization charting – project contracts – principles – compilation of contracts – practical aspects – legal aspects – global tender – negotiations – insurance
22-23	Closing the project – types of project termination – strategic implications – project in trouble
24-25	termination strategies – evaluation of termination possibilities – termination procedures
26-28	Project Financing : Rights and obligations of Fund providers; Types of ownership Securities (Equity Shares, Preference Shares, deferred shares) Types of Debt Securities: Term loans, lease, debentures and bonds Hybrid Securities: Preference Shares, convertible bonds, bonds with warrants, Project Financing In India – SBI Guidelines, Financing of Export oriented units, Financing of small scale units, Financing of Infrastructure Projects
29-36	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