

Post Graduate Diploma in Management (PGDM)
OM606: Project Management
CREDIT: Full (3 credits)
SESSION DURATION: 60 Minutes

BATCH:2017-19
TERM: V

FACULTY: AMAN DUA
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Office hours: 9:30 a.m. - 5.30 p.m.

Course Objectives (CO):

- a. To sensitize the student about the Project Management approach in business organizations.
- b. To know and use various optimization tools / techniques applied in Project Management.
- c. To introduce fundamentals of Contract Administration, Costing and Accounting of Projects.
- d. To discuss, analyze and appreciate contemporary projects in Indian and international context.

Learning Outcome (LO)

1. Ability to analyse issues & challenges in identification and selection of projects.
2. Ability to develop skills required for project planning & formulation.
3. Apply optimization techniques in project management.
4. To learn processes for project execution and control.

Mapping of CO and LO

CO/ LO→	1	2	3	4
a	*	*		
b		*		*
c			*	*
d				*

Pre-requisites for the Course

1. Basic knowledge of management and accounting fundamentals.

Pedagogy

Interactive approach during the classroom hours (Students are supposed to come prepared for the topics for discussion in the class/ case studies/ Presentations/ Viva-voce), randomly any student can be called on the board to solve the problems

Evaluation Criteria

	Percentage	Remarks
End term exam	40	Duration: 2 to 3 hours
Mid-term exam	30	Duration: 1 to 2 hours
Assignment	15	Assignment (2 in Number). One assignment will consist case study Presentation.
Quiz	15	Objective type

Reading

Sl. No.	Title	Author	Publisher
1	Projects: Planning, Analysis: Selection, Financing, Implementation and Review	Prasanna Chandra	McGraw Hills Education
2	Project Management: Achieving Competitive Advantage	Jeffrey K. Pinto	Pearson
3	The ABCs of the Critical Path Method	F.K Levy; G.V. Thompson; J.D. Weist	HBR
4	Lies, Damned Lies, and Project Plans: recurring Human Errors that can ruin Project Planning Process	Jeffrey K. Pinto	Science-Direct
5	A guide to the Project Management Body of Knowledge (PMBOK guide)	Reference book	PMI (Project Management Institute)

Cases

Sl. No.	Title	Author	Publisher
1	BAE-Automated Systems: Denver International Airport Baggage Handling System	Fred Issac and Fred Renville	HBS
2	OIL: Installation of Central Gas Gathering at Madhuban Assam	Goutam Dutta	HBS
3	The CAT Project	Barua Sameer. K	HBS

4	NOC Project in Dilemma_ Plight of Schedule Control of an Overseas EPC Project	Prog Ning Zhou	HBS
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Session Plan

Serial Number	Topic	Session No.	Covered LO	Reading/Pedagogy
1	Introduction to the Course Project Foundation Concepts	1	1,2	Chapter 1 from Reading 2 & Chapter 1 of Reading 1 and first two pages of Case 1
2	Project Selection and Portfolio Management	2	1,2	Chapter 2 and Chapter 3 of reading 2
3	Leadership and Project Manager	3	1, 2	Chapter 4 of reading 2
4	Project Championship and New Project Leadership	4	1,2	Chapter 4 of reading 2
5	Project Initiation Stakeholders Management	5	1,2	Chapter 2 and Chapter 3 of reading 2
6	Project Planning Project Scope Management	6	2,4	Chapter 5 from Reading 2 .
7	Project Risk Management	7	2,4	Chapter 11 from reading 1 and Chapter 7 of reference 2
8	Mitigation and contingencies for project risk	8	2, 4	Chapter 11 from reading 1 and Chapter 7 of reference 2
9	Human Errors in Project Management	9	4	Reading 4
10	Project Quality Management	10	4	Chapter 8 of Reading 5. (PMBOK, V Edition)
11	Project Time Management	11	4	Chapter 22 from reading 1, Chapter 9 and 10 from reading 2, Reading 3 and Reading 4 Case 3
12	Project Time Management (Continued)	12	2,3	
13	Project Time Management (Continued)	13	2,3	
14	CPM and S curve Analysis	14	2,3	
15	CPM and Project - Crashing	15	2,3	Chapter 13 from Reading 2
17	NOC Project in Dilemma_ Plight of Schedule Control of an Overseas EPC Project	17	2,4	Reading 4 from case list

Serial Number	Topic	Session No.	Covered LO	Reading/Pedagogy
18	Discussion and Analysis on above case	18	1,4	Reading 4 from case list
19	Introduction to theory of Constraints and Critical Chain	19	4	Chapter 11 from reading 2
20	Critical Chain in Project Management	20	4	Chapter 11 from reading 2
21	Critical Chain Portfolio Management	21	4	Chapter 11 from reading 2
22	Resource Management	22	2,3	Chapter 12 from Reading 2
23	Resource Levelling and resource loading charts	23	2,3	Chapter 12 from Reading 2
24	Project Monitoring: Earned Value Management and Project Performance	24	2,3	Chapter 13 from Reading 2
25	Issues in EVM and creation of portfolio based on EVS	25	2,3	Chapter 13 from Reading 2
26	Project Auditing & Closing	26	2,4	Chapter 23 from reading 1 ; Chapter 13 and 14 from reading 2
27	Early termination of Project	27	2, 4	Chapter 23 from reading 1 ; Chapter 13 and 14 from reading 2
28	Project Auditing & Closing	28	2,4	Chapter 23 from reading 1 ; Chapter 13 and 14 from reading 2
29	Case study: BAE-Automated Systems: Denver International Airport Baggage Handling System	29	2,4	To be presented by students in group of 5 each and moderated by faculty
30	Case Discussion on OIL: Installation of Central Gas Gathering at Madhuban Assam	30	2,4	To be presented by students in group of 5 each and moderated by faculty