

Course Outline

OM403E - PROJECT MANAGEMENT

Dept of Management, Amrita School of Business, Kochi

Batch: 2017-19 (Trimester – IV)

Semester: July – SEP 2018

Course Staff

Convenor & lecturer:

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Course Purpose: The purpose of this course is to prepare the students to understand the tools and techniques involved in a project. Moreover, enable them to execute a project to achieve specific goals that will benefit the organizations and society.

Required Text and Materials

*Project Management: The Managerial Process (2014) by Erik Larson,
Clifford Gray*

Course Syllabus

OBJECTIVES:

1. To outline the need for Project Management
2. To highlight different techniques of activity planning
3. Project Planning & Management

LEARNING OUTCOMES

1. Evaluate and select the most desirable projects.
2. Apply appropriate approaches to plan a new project and develop project schedule.
3. Identify the important risks facing in a new project.

Course objectives and Outcomes

LG CO	Critical and integrative Thinking	Effective written and oral communication	Societal and Environmental Awareness	Ethical Reasoning	Leadership
CO1: Knowledge	3	2	2	2	1
CO2: Skill sets	3	2	2	2	1
CO3: Risk Assessment	3	1	2	2	1

Course contributes mostly to: Employability/ Entrepreneurship/ Skill Development/

UNIT I INTRODUCTION TO PROJECT MANAGEMENT AND PROJECT SELECTION

Objectives of Project Management- Importance of Project Management- Types of Projects Project Management Life Cycle- Project Selection – Feasibility study: Types of feasibility Steps in feasibility study.

UNIT II PROJECT PLANNING AND IMPLEMENTATION

Project Scope- Estimation of Project cost – Cost of Capital – Project Representation and Preliminary Manipulations - Basic Scheduling Concepts - Resource Levelling – Resource Allocation.

UNIT III PROJECT MONITORING AND CONTROL

Setting a base line- Project management Information System – Indices to monitor progress. Importance of Contracts in projects- Teamwork in Project Management - Attributes of a good project team – Formation of effective teams – stages of team formation.

UNIT IV PROJECT CLOSURE

Project evaluation- Project Auditing – Phases of project Audit- Project closure reports Guidelines for closeout reports.

UNIT V SPECIAL TOPICS IN PROJECT MANAGEMENT

Computers, e-markets and their role in Project management- Risk management- Environmental Impact Assessment. Case studies in Project management.

ACCOMPLISHMENT OF COURSE OBJECTIVES

In order to achieve the above objectives, you will engage in a variety of activities:

Attend all lectures. Be an active listener/participant. Read the text and other instructional materials.

Be ahead of class lectures by pre-reading the Chapters and come to class fully ready to discuss the issues/topics

Regular review of articles on Project Management periodicals published in books and in Journals. Also plan to read extra books based on your area of interest (Refer Bibliography).

In your study group, discuss the Project Management related case studies. Practice solving the problems assigned in Project Management.

TEACHING STRATEGIES

The course is replete with practical examples from use in numerous fields and has one practical textbooks and two necessary software analysis packages. Students are taught using waterfall approach as the class progresses, TBL components is introduced followed by SCRUM approach to mimic the real life project management scenario for the students. Finally, students have to complete a live project with quantifiable results without scope creep.

LATE SUBMISSION OF ASSESSMENT

The penalty for late submission will be 10% per calendar day, or part thereof, unless prior special consideration has been granted. Assessment items submitted more than three calendar days late will not be assessed and will receive a grade of zero.

SUPPLEMENTARY ASSESSMENT

Supplementary assessment in the event of failure of the course is generally not available, and should not be expected.

Session Plan

UNIT	TOPICS
1	Objectives of Project Management- Importance of Project Management- Types of Projects
1	Project Management Life Cycle
1	Feasibility study: Types of feasibility- Steps in feasibility study.
1	Project Selection
1	Inflation adjusted Project selection
1	Project Planning

	Case Discussion – Apple’s global reach
2	Project Scope- Estimation of Project cost
2	Estimation of Project cost, Cost of Capital
2	Project representation - Preliminary Manipulations
2	Project evaluation, Basic Scheduling Concepts
2	Resource Levelling – Resource Allocation.
3	Setting a base line- Project management Information System – Indices to monitor progress.
3	Importance of Contracts in projects- Teamwork in Project Management
	TBL Activity – Palm Island
3	Attributes of a good project team – Formation of effective teams
3	Stages of team formation
4	Project audit
4	Phases of project Audit
4	Project closure reports , Guidelines for closeout reports
5	Computers and E Commerce in Business Environment.
5	Environmental Impact Assessment.
5	Risk Management
5	Case studies in Project management
	Evaluation of the Live project – Outcome and Discussions
	End Term Examination

Note: The Session Plan schedule is tentative and is subject to change as the course progresses.

Software

MS Projects 2016 will be covered as part of the course syllabus. Students will be trained in MS Projects through case exercise. R package to do analysis the project data and related attributes.

Cases

Case studies help the student to understand the challenges and difficult in practical scenario. The cases consist of:

International
Projects Indian
Projects
Black Swan Events
Multi-Billion Dollar
Projects Rare Events
Scope for PM in India (Discussion on emerging areas)

The course follows the PMBOK structure as outlined by Project Management Institute, globally. Further, the course enables the student for CAPM certification being offered by PMI

Evaluation

Team Presentations	10%
TBL Activity	10%
MS Project	10%
Case Analysis	30%
End Term Exam	40%

Note: The Instructor reserves the right to change the evaluation pattern if necessary based on the performance of the class and other factors. Any change made (if needed) will be announced to the class.

Bibliography: (Project Management References)

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- Snead, G. Lynne (2002), *The Project Management Scorecard: Measuring the Success of Project Management Solutions*, Butterworth-Heinemann: Oxford.
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