

Project Management Course
Xavier Institute of Management, Bhubaneswar
Course Outline

INTRODUCTION

The term project management is now used extensively for the management and accomplishment of any plan, scheme or task. Project Management has gradually become an integral way of managing critical and strategic socio-economic-business plans and objectives. Be it developing new infrastructure or a new manufacturing facility, implementing a new service offering, developing a new IT solution, designing a new product, a mission to space or even implementing a welfare scheme, all are planned and executed as Projects. Managing strategic business or socio-economic objectives and goals as Projects, brings obvious tangible benefits in terms of reduced cost and time lines and most importantly ensuring successful implementation.

In India, large amounts have been and are being spent on various projects for providing infrastructure facilities and for meeting developmental needs. Project management is thus of vital importance to any undertaking that is being newly setup or to any organization planning expansion/diversification of its activities.

Project Management is considered now as a specialized skill and profession and is considered to be much wider in scope in terms of skills required vis-à-vis general management. This 3.0 credit course addresses management aspects of project planning, implementation and monitoring. This course also aims at laying a foundation of understanding of Project Management concepts, processes, applicable knowledge areas, tools and techniques, best practices etc.

This course will also help the aspirants to prepare for becoming a PMP, the coveted Project Management Certification from Project Management Institute, USA

OBJECTIVES

The course is designed with the following objectives

1. Inculcate Project Way of thinking and management
2. Seeing Project Management as five process groups of Initiating, Planning, Execution, Monitor and Control and Closing of Projects; and different project application areas of Scope Management, Time Management, Cost Management, Quality Management, HR Management, communication Management, Risk Management, Procure Management and Integration Management
3. Provide the knowledge of various technique and management concepts for efficiently planning and organizing for effective execution of projects.
4. Provide an understanding of effective information and monitoring system; manual or computerized for project control
5. To make students aware of the reasons for tardy implementation of most projects in India with a view to evolve remedial measures.

6. Discuss about the Human aspects and Leadership in Project Management

Description	No of Classes
1. An overview of Project Management: a. Concept of a project b. Categories of Project c. Why Project Management – A Survey Result d. Characteristics of Project e. Tools and techniques for project management f. Roles and responsibilities of project managers	1 Session
2. Project Management Context: a. Project life cycle & phases b. Project Stakeholders c. Organizational Influences d. Organization for project implementation e. Matrix organization	1 Session
3. Project management Processes a. Project Management Process Groups b. Initiating, Planning, Executing, Monitoring, Closing c. Major PM Documents	1 Session
4. Project Initiation a. Project Selection Methods b. Business Case for projects c. Project Charter d. Stakeholder Identification and Analysis	1 session
5. Project Planning a. Scope Planning b. Scope Definition c. Create WBS (Work Breakdown Structure) d. Activity Definition e. Activity Sequencing f. Activity Resource Estimating g. Activity Duration Estimating h. Schedule Development i. Cost Estimating j. Cost Budgeting k. Quality Planning (concepts) l. Perform Quality Assurance m. Perform Quality Control n. Human Resource Planning	1 Session
	2 Sessions
	1 Session
	1 session

o. Communication Planning	2 Sessions
p. Risk Management Planning	
q. Risk Identification	1 sessions
r. Qualitative Risk Analysis	
s. Quantitative Risk Analysis	
t. Risk Response Planning	
u. Procurement Planning	
v. Project Baseline and Plan Approval	3 Session
6. Project Implementation	
a. Acquire Project Team	
b. Build Project Team	
c. Execute project work	
d. Monitor & Control (Against Baseline)	
e. Analyze project variances	
f. Corrective actions & preventive action	
g. Earned Value Management (EVM)	1 session
h. Change control	
7. Project Closure	2 sessions
8. MS Project software	
9. Case Studies and Presentation	2 sessions

Evaluation:

1. Quizzes	40%
2. Group Presentations	10%
3. Group Assignment	10%
4. End Term Exam	40%

Padagogy:

Each session will be supported with case studies and exercises in the class, which will help to reinforce the understanding of the basic project management concepts, processes, principles and best practices. The course will encourage extensive class discussions on project challenges, success factors and individual experiences.

Reference Books:

1. Project Management Body of Knowledge (PMBOK) from PMI, (USA)
2. Project Management: The Managerial Process (6th Edition), by Gray, Larson, Desai, (McGraw Hill Education)
3. Project Management Case Studies, by Dr H Kerzner.

Websites:

1. www.pmi.org

Instructor Profile**Introduction**

Mr. Sunil Agrawala, PMP has more than 25 years of rich industry experience of working with leading fortune 500 organizations. Mr Agrawala's PM consulting and training experience spans across various business domains such as Infrastructure, Telecom, Banking, Technology, IT/ITES, Automotive, Manufacturing etc.

Professional Experience

Mr. Agrawala has worked in various positions starting from being an engineer to being a group program manager. He also has the unique experience of managing start-up businesses in the areas of Agro based Food processing and Management Consulting. Mr. Agrawala has worked with global consulting organizations such as Cap Gemini (USA), Bell Labs (USA), Tech Mahindra, Keane Inc USA, and HCL Technologies to name a few. He has rich experience of managing end-to-end large projects and programs with cross functional and cross cultural teams. He also has rich experience in pre-sales function and has been an integral part of writing many winning proposals in leading IT services organizations.

He has led business units in IT services organizations with P&L responsibilities and has managed team sizes of more than 100 associates and business volumes of more than USD 15 million. He currently acts as an advisor to few small and medium sized IT companies. He does his consulting work through own firm, Bharti Consulting. He also works as a consultant for a global organization in project management training/consulting space.

Training Experience

Mr. Agrawala is an accomplished trainer, content expert and coach in project management. He has successfully trained more than 5000 managers on Project Management, from organizations like Cisco, Ericsson, Tata Motors, Caterpillar, Oracle, TCS, PwC, ABB, Argusoft, Aspect Software, Schneider Electric, HSBC, Standard Chartered Bank, Aircel, Shapoorji, Himalaya Drugs, Virtusa to name a few. Mr Agrawala is a regular visiting faculty at Xavier Institute of Management, Bhubaneswar.

Education

Mr. Agrawala has done his B.S. in Electronics & Telecommunication Engineering from India. He has earned his M.S. degree in Computer Science from Florida Institute of Technology, USA with a CGPA of 4.000/4.000. He is an active Project Management Professional (PMP) since 2004, and an active member of PMI.

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