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Management Development Programme

PROJECT MANAGEMENT

24-26 February 2012

Venue

IIT Extension Centre, Salt Lake City, Kolkata – 700106



Prof. Jitesh Thakkar

Principal Coordinator

Prof. Akhilesh Kumar

Coordinator

Department of Industrial Engineering and Management

Indian Institute of Technology Kharagpur

Kharagpur 721 302, INDIA

Why Project Management?

While managing the trade-offs, the project manager (PM) is expected to integrate all aspects of the project, ensure that the proper knowledge and resources are available when and where needed, and above all, ensure that the expected results are produced in a timely, cost-effective manner.

How this Programme is Different:

Companies recruit project managers that lead the team in order to timely achieve the targets set by the clients and customers. In management terminology, the duration in which an entire project is carried out, from its inception till the end, is called the project life cycle. The project life cycle can consist of one or multiple project management approaches. The management approaches are the various project management methodologies that the team can decide to follow so that the target is achieved in allotted time.

The programme is aimed at enabling practitioners to understand importance of project management in their respective functional domains and how their sub system level project execution can help to realize the timely completion of entire project.

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Course Objectives:

This 3-Day focused MDP in Project Management will cover methods beyond topics covered in Operations Management in the planning and implementation of projects.

Specifically, learning will include:

- Project Life Cycle, CPM and PERT
- How to allocate resources to different activities while planning a project; "crashing" (expedite) certain project activities to speed up a project; you will experience the dynamic effects of crashing by simulating a real life project
- How to identify, quantify and mitigate risks; Monte Carlo in PERT
- Project performance evaluation by EVM; Critical Chain PM
- Developing working competence in the use of MS Project®

What You Can Expect:

The MDP will enable practitioners to address following questions:

- What is the Project Management Methodology?
- Do you understand milestones, interdependencies? Resource allocation?
- If you were to deliver a project to a customer, and timely delivery depended upon a sub-supplier, how would you manage the supplier? What contractual agreements would you put in place?
- How are your soft skills? Can you "sell" the project to a team?
- Do you know how to use Project Software?

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For WHOM:

The Project Management programme is for managers seeking to re-vitalize their careers. It is most appropriate for managers holding positions of responsibility within functional departments of medium to large businesses. The participants should have at least THREE years of managerial experience after graduation.

Pedagogy:

A judicious mix of lectures, case discussions, experience sharing, simulations and role-play shall form part of the methodology. The participants would develop an action-plan for implementation at the end of the workshop.

Topics Covered:

- ❖ Project: Definition & Concepts
- ❖ Life Cycle of a Project
- ❖ Generation of new project ideas, screening of ideas, Project Appraisal
- ❖ Work break down structure, Project network development
- ❖ Project scheduling using PERT and CPM
- ❖ Floats and their interpretation
- ❖ Theory of Constraints
- ❖ Critical Chain
- ❖ Project crashing and Resource aggregation, leveling and allocation
- ❖ Project monitoring and control using EARNED VALUE ANALYSIS (EVA)
- ❖ Human factors in project management
- ❖ Project closure
- ❖ **MS PROJECT BASED PROJECT SCHEDULING, RESOURCE ALLOCATION AND MONITORING AND CONTROL USING EVA**

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Application and Fee:

The interested candidates are requested to send their applications to one of the coordinators by filling in the **Registration Form** provided with the brochure **on or before 15th February 2012**. Alternatively, the brochure can be downloaded from the website <http://www.iitkgp.ac.in/topfiles/stc.php>

A certificate of participation will be issued from the Office of Dean (Continuing Education), Indian Institute of Technology Kharagpur, to all the participants.

Late registrations are regretted!

Total number of seats is restricted to 20

The fee for the TWO-DAY programme is Rs. 15,000 per candidate. The **course fee includes** training kits, working lunch and tea/ coffee during lecture schedule. The **course fee DOES NOT include** boarding and lodging for the participants. Payment is to be made through bank draft drawn in favor of “CEP-STC, IIT Kharagpur” payable at Kharagpur.

Venue: IIT Kharagpur Kolkata Campus, HC Block, Sector – III, Salt Lake City, Kolkata – 700106

Address for Communication:

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Registration Form

1. Name: _____

2. Affiliation: _____

3. Educational Qualification: _____

4. Address for Correspondence:

5. Telephone: _____

6. Mobile: _____

7. E-mail: _____

8. Bank Draft Details:

Draft No. _____

Date: _____

Amount Rs. _____

Bank: _____

Branch: _____

Signature of the participant

Signature of the Sponsoring Authority

(with Seal)