

# Management Training Courses for Learners, Leaders and Managers

## Project Management

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## Organized by the IEEE Technology Management Council (UK) and Digital Information Research Ltd (UK)

Project Management ensures the application of knowledge, skills, tools, and techniques to project activities to meet the project requirements. It has always been practiced informally, but began to emerge as a distinct profession in the mid-20th century. We have identified the following elements as crucial to the Project Management:

Project management processes fall into five groups:

Initiating  
Planning  
Executing  
Monitoring and Controlling  
Closing

Project management knowledge draws on ten areas:

Integration – Scope –Time Cost-Quality Procurement -Human resources Communications-Risk management-Stakeholder management

The management activities are oriented with the above areas. The project management brings a unique focus shaped by the goals, resources and schedule of each project. The value of that focus is proved by the rapid, worldwide growth of project management:

- as a recognized and strategic organizational competence
- as a subject for training and education
- as a career path

### Contents

- Overview of project management, different stages in a project, slippages in projects
- Network Techniques: Activity, events, drawing of networks, critical path, float, methods to find critical path
- PERT: Uncertainty, estimation of activity time, network simulation, project completion probability
- Project Cost: Project budgeting, time-cost trade-off, optimum compression of project duration
- Project Resource: Resource aggregation, resource profile, resource smoothing

- Behavioural Aspects in Project Management: Project organization structure, management of project personnel motivation, project manager's role, etc.
- Project Monitoring: Hierarchy of networks, reporting formats, reporting frequency, reporting of cost and work value, rescheduling of projects
- Contract Management and Legal Aspects: Specification of contracts, criteria for awarding contracts, follow-up, coordination
- Project Risk Management: Composite impact factor, composite likelihood factor, risk time, risk cost, expected value method, variation, foreseen and unforeseen uncertainties
- Discussion on some excellent project management cases in UK and other countries

### **Target Audience**

This programme is aimed at middle and senior executives who are planning to be involved in management of risks in large national and international projects. The principles of project management will be applicable equally to conventional construction and infrastructure management sectors, service sectors (hotels, airlines, railways, telecom, internet service providers, power plants, call centres, BPOs, and Information Technology and software projects), defence services projects as well as projects in manufacturing sectors (process industries such as steel, aluminum, polymer, zinc, petrochemicals, cement, pharmaceuticals, etc.), persons involved in planning and monitoring of projects and those in government, financial institutions, and other agencies coordinating implementation of various projects.

### **Method**

The pedagogical methods and materials will include lectures, discussions, case studies, exercises, and presentations by participants.

### **Duration**

The programme will be conducted for six days

### **Programme Fee**

\$ 1000/ per person for the programme. The fee includes tuition fees, teaching materials, lunch and supporting materials.

### **Certification**

At the end of the course the IEEE Technology Management Society (TEMS) will issue the certification to the participants

### **For additional information and booking, please contact:**

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