

## **MDP 28: PROJECT MANAGEMENT**

### **Introduction**

Managers in all organisations frequently engage themselves in numerous projects. 'Project Management' is increasingly becoming an important skill for successful completion and commissioning of commercial & social projects. The aim of this program is to build and hone the Project Management skills of participants. The technical as well soft skills required for successful implementation of projects will also be emphasised.

### **Benefits of attending**

- To develop an understanding of the tools and techniques for effective management of resources and cost in projects
- To provide an insight into the network-based project monitoring system
- To acquaint participants with project uncertainty and risk management

### **Program Contents**

- Difference between 'On-Going Operations' and 'Project'
- Objectives of a Project - Business / Strategic / Market needs
- 5 Basic Phases / Processes of Project Management - Initiating, Planning (Risk Planning), Executing, Monitoring & Controlling and Closing
- Primary & Secondary Constraints of Project Management - Scope / Time / Quality / Cost optimization
- Project Management - Tools & Techniques (CPM / PERT)
- 4 Ps of Project Management - Plan / Process / People / Power
- Approaches - Phased / Lean / Iterative / Incremental
- Characteristics of a project
- Project Scheduling
- Task Dependencies
- Project Resource Allocation & Management
- Creating a Culture of Time Tracking and Professionalism
- Hands-on experience in Project Management, using Project Libre

### **Methodology**

The faculty will act as facilitator in helping participants through the process of learning computing essentials by using examples, case studies, lectures, presentation and hands-on exercises, using Project Libre.

### **Duration - 2 days**

## Program Directors

### Dr. Monika Arora



Dr. Monika Arora is Associate Professor and Head of the Department in the area of Operations Management and Information Technology. Dr Arora has done B.Sc. (Hons) (Maths), MCA and PhD. She has conducted MDP on Project Management for executives of Walter Bushnell, Martin & Harris Pvt. Ltd. and Apeejay Education Society. She has over 21 years of academic and corporate experience.

She has worked with Nucleus Software Exports Ltd., Global Information System Technology & Platinum Edu. She has an exposure of teaching courses at the University of Westminster, U.K. Dr. Arora is a reviewer of various national and international journals. She is an established Researcher, and has various papers published in reputed journals such as Inderscience, Springer and IEEE.

### Dr. Shalini Vermani



Dr. Shalini Vermani is Associate Professor in the area of Operations Management and Information Technology. Dr. Vermani has done her Ph.D. in Information Security and Cryptography and has more than 17 years of teaching experience. She has conducted MDP on Project Management for executives of Walter Bushnell, Martin & Harris Pvt. Ltd. and Apeejay Education Society. She has published various papers in national and international journals and has also written a book on

'Discrete Mathematical Structures', published by *Imperial College Press, London*. Dr. Vermani has reviewed various papers in national and international journals.

### Prof. Anchal Gupta



Prof. Anchal Gupta has pursued M. Phil, M.Sc. (OR) and has 11 years of experience in teaching Quantitative Techniques, Operations Research and Management. Her areas of interest are Supply Chain Management & Advanced Optimization Techniques, Quantitative Techniques, Operations Research, and Operations Management. She has conducted MDP on Project Management for executives of Walter Bushnell, Martin & Harris Pvt. Ltd. and Apeejay Education

Society.