

Project Management

Duration: 2 days

Dates : October 21-22, 2019

Programme Directors: Prof. Hitesh Arora & Prof. Mohita G. Sharma

Fees : Rs. 16,000 (Non-Residential)*

: Rs. 28,000 (Residential)*

Plus GST @18%

INTRODUCTION

Complex, technically demanding projects in terms of scope, technologies and regulatory requirements are generally delivered to customers through contractual arrangements involving clients, project management consultants, contractors and sub-contractors. Since these projects are developed in an increasingly challenging environment, a solid understanding of the tendering/contracting process is critical for proper management of projects. The various phases of project management cycle are: project formulation, negotiation, design, documentation, implementation, tracking, monitoring, control and closure.

Many of the projects have failed not due to lack of technical expertise but due to inaccuracies, ambiguities or inconsistencies in the design of project and coordination failure by the team leaders and managers. Understanding the legal underpinnings of projects and managing risks to both technical and contractual delivery is critical to success. Effective project planning, monitoring and control can reduce costs, minimize risks and ensure timely completion of the project. This course is designed to impart necessary skills in managing small and large projects (e.g. turnkey and lump-sum turnkey projects) in different domains like construction, infrastructure, power plants, irrigation, industry, etc.

OBJECTIVES

The objective of the program is to acquaint the participants with practical, in-depth guidance for carrying out vital responsibilities of project management and handling uncertainties that typically arise during the life of the project. This course exposes participants with various effective approaches for analyzing project initiation, project planning, project execution and smooth project termination along with behavioral aspects of project management.

CONTENTS

- Project Portfolio Management System
- Scheduling, Concepts, Network Techniques (CPM/PERT)
- Resource Allocation, Project Budgeting, Cost versus Time Trade-Off Analysis
- Project Management Information Systems
- Contract Management
- Project Risk Management
- Leadership: Being an Effective Project Manager
- Managing Project Teams, Managing Conflicts and the Art of Negotiation

- Critical Chain Project Management

METHODOLOGY

The methodology would include an appropriate mix of lectures, experience sharing, discussions, case studies and group activities.

WHO SHOULD ATTEND

Decision makers, senior and middle level managers involved in planning, implementing and monitoring of projects in power plants, refinery sectors, infrastructural sectors, technology, etc. would benefit from this program.

PROGRAMME DIRECTORS:

Prof. Hitesh Arora, is a Professor in the area of Quantitative Techniques/Operations Management at FORE School of Management, New Delhi. A graduate in Mathematics and a post graduate in Operational Research from University of Delhi, he has earned his Doctorate in Mathematical Programming from Department of Operational Research, University of Delhi. He has qualified National Eligibility Test (NET) conducted jointly by CSIR & UGC for Lectureship with Junior Research Fellowship (JRF) in Mathematical Sciences. He started his teaching career from University of Delhi and taught subjects like Optimization, Queuing Theory, Inventory Management and Statistics besides guiding students in their project work. Prof. Arora has also worked as an Actuarial Consultant with a UK-based MNC. As an actuarial consultant, his work involved Data Modeling and Reserving for Personal and Commercial Lines of different UK-based insurance companies. He has over seventeen years of experience in academics and industry. Prof. Arora has worked immensely in the area of Mathematical Programming and his present areas of research interest are measurement of Productivity, Service Quality and effect of information technology in Indian banking sector. He has to his credit, a number of research papers in national and international journals of repute. He has also conducted various Management Development Programmes (MDPs) in Decision Making Techniques for Managers. He can be reached at: <hitesh@fsm.ac.in>.

Prof. Mohita Gangwar Sharma, Professor in Operations Management, FPM (IIM-Lucknow), MPIB (IIFT), B.Tech. (Electrical) (IIT_BHU): is an electrical engineer from IIT-BHU, Varanasi and Masters in International Business from IIFT-New Delhi. She has been a Chevening Rolls Royce Science and Innovation Fellowship (CRISP) Scholar at SAID Business School, University of Oxford. She is also the recipient of coveted NTSE Scholarship. She obtained her doctorate from Indian Institute of Management (IIM) Lucknow, making seminal contribution in the area of Spare Parts Management. Her industry profile includes a stint at BHEL, Bhopal, where she was involved in Product Designing, Manufacturing and Testing and ISO-9000 Activities. She worked in Indian Airlines in Materials Management Department where she was involved with Tendering, Contract Execution, Inventory Management Aspects of Supply Chain. She has published widely in International Journals and participated in National & International Conferences. She brings the rich experience of the industry and tough academic rigor to her research. Her current areas of research include Circular Economy, Sustainable Operations, Operations Strategy, Product Service Systems, Supply Chain Intelligence and Service Operations. She can be reached at: <mohita@fsm.ac.in>.