Operation and Project Management

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COURSE DESCRIPTION

Operations Management

Role of Operations Management, Operations Management Strategy, Operating System Design (product & services, processes & facilities), Supply chain management, JIT, Lean Production, Capacity and Aggregate Planning Tactics, Inventory Management, TQM, and Scheduling Tactics.

Project Management

Role of Project Management, Project Life Cycle, Project Integration, Project Planning, Project Development, Project Implementation, Project Organisations, Risk Management, Decision Making and Project Feasibility.

COURSE OBJECTIVES

Learn to implement the concepts of operations management with a view to being able to take a management role in managing and analysing an organisations production operation.

Study the principles Operations Management so as to be able comprehend the role of Operations Management in the setting of company strategy, mission, globalization, and competition.

Learn to apply the tools and techniques of operations and project management to make decisions in capital investment, to implement new projects, to manage project risk and project teams.

Use of tools in a variety od problem solving situations.

CONTENT

Operations Management

Strategic Importance of Operations   **1 day**
- » Operations Management Introduction
- » Operations Strategy
  - Performance Objectives
  - Perspectives
  - Strategy Deployment

Designing the Operating System   **2 days**
- » Products and Services
- » Processes and Technologies
- » Facilities

Managing the Supply Chain
- » Supply Chain Management
- » Forecasting
- » Capacity a Aggregate Planning
- » Inventory Management
- » Just-in-Time and Lean Production
- » Enterprise and Resource Planning
- » Scheduling

Quality
- » Quality Management
- » Statistical Process Control

Resources
- » Human Resources

Project Management

Project Cycle   **2 days**
- » Introduction, Basic Skills
- » Project Planning
- » Project Development
- » Project Implementation
- » Project Control and Integration

Project Tools   **1 day**
- » Risk Management
- » Project Organisations
- » Project Teams
- » Problem Solving Techniques
- » Decision Making Techniques
- » Project Management Skills