

(16) Project Management

UNIT I

Project Formation-Overview – Concept of a Project – Categories of Project - Project life cycle- Definition of project management - The project as a conversion Process - project environment- complexity of projects - the relationship between project Management and line management - current issues in project management- system approach to project management - Roles and responsibilities of project manager.

UNIT II

✓ ***Project planning and scheduling***- project planning as a value adding activity - process of project planning - managing the planning process - communicating project plans - dealing with increased complexity through net work diagrams - Analyzing the network- Critical Path Analysis - Activity on Nodes diagramming- Dealing with the uncertainty Programme Evaluation and Review Technique- Computerized Project Management - planning with standards.

UNIT III

Project feasibility study- Market Feasibility- Technical Feasibility-Financial Feasibility Economic Feasibility-Critical Success factors- Demand forecasting techniques

UNIT IV

Project implementation and evaluation - stages - Bottlenecks in project implementation - Guidelines for effective implementation - Management techniques for project management - project monitoring - essentials - roles - tools and techniques Project management performance performance indicators performance improvement - project management environment - management reporting - report designing - project evaluation - project review.