

EED 217: Project Management

(Entrepreneurship and Enterprise Development- focus area V)

Credits: 3

Lecture Hours: 48

Course Objective

This course aims at familiarizing students with the significance of project management and its important aspects so that they can acquire the knowledge and skills of project management.

Course Description

This course contains introduction, project definition, time, cost and quality planning, plan analysis and risk management, project organization: structures and teams, control of projects, supply chain issues, Project Completion and Review,

Course Details

Unit 1: Introduction

LH 7

Concept of project and project management; Phases of project management; 7-S of project management; Project environment; Complexity of projects; Organizational strategy and projects; Project management as a strategic capability; Resource coordination; Project and organizational goals; Project and performance management

Unit 2: Project Definition

LH 3

Developing the project concept; Scope management; Project process; Work breakdown structure; Process mapping; Establishing check points

Unit: 3 Time, Cost and Quality Planning

LH 8

Time planning process; Gantt charts; Estimating; Activity-on-arrow (AoA) diagrams and CPM; Scheduling; Computer-assisted project planning; Fast-track projects; Cost planning process; Cost estimating techniques; Cost build-up; Cost management – budgets; Quality planning process; Quality conformance planning; Quality performance planning

Unit 4: Plan Analysis and Risk Management

LH 3

Analyzing time plans; Analyzing cost plans; Analyzing quality plans; Risk management; Risk quantification techniques

Unit 5: Project Organization: Structures and Teams

LH 8

Role of teams; The pure project management; Matrix management; Structure selection; Mixed organizational structures and coordination; Teamwork; Life-cycles of teams; Managing personalities in teams; Effective teamwork; Managing the team – running effective meetings and working with geographically remote people and groups

Unit 6: Control of Projects

LH 7

Control systems; Control of major constraints – quality, cost and time; Visual control; Last planner; Technical performance monitoring; Project management information management system (PMIS); Change control; Control of the work of development projects

Unit 7: Supply Chain Issues

LH 3

Concept of supply chain management; purchasing; Contracts; From buying to relationship management; Modern techniques in supply chain management

Unit 8: Project Completion and Review**LH 6**

Project completion and handover; Structuring improvement activities; Learning before doing – role of external knowledge; Learning by doing – role of audit and review; Conducting reviews; Justifying it all – evaluating cost of quality

Basic Reading:

1. Maylor, Harvey. *Project Management*. New Delhi: Pearson Education Ltd.

Other Readings:

2. Mantel, S.J. et al. *Project Management*. New Delhi: Wiley-India
3. Chandra, Prasanna. *Projects*. New Delhi: McGraw Hill Education
4. Choudhury, S. *Project Management*. New Delhi: McGraw Hill Education