

MGT 258: Project Management

Full Marks: 10

Pass Marks: 35

Nature of the Course: specialization

Lecture Hours: 150

Course Objectives

This course aims at familiarizing and equipping the students with significance of project management and its important aspects so that they can acquire knowledge and skills essential for project management. The course also aims at developing basic skills in students of project identification, planning, implementation, appraisal and control.

Learning Outcomes

Upon successful completion of this course, students will be able to:

- Understand the overall concept of project management and its importance
- Have developed a working knowledge and frameworks in the functions of project management
- Be able to identify and apply appropriate project management techniques for managing projects
- Have an understanding of the skills, abilities and tools needed to obtain a job on a project management track in an organization of their choice.
- Have fundamental skills of preparing the projects plan

Course Description

This course contains concept of project and project management, project classification, developing project plan and formulation, leadership and team management for project, project appraisal and risk management, project closure and hand over, project management career paths and project management practices in Nepal.

Course Details

Unit 1: Project and Project Management

25 LHs

Meaning of project; Features of project; Project scope and priorities, Types of project; Project life cycle; Project governance, work breakdown structure (WBS), Concept of project management; Features and functions of project management; Significance of project management; Socio-technical approach of project management; Current drivers of project management; Phases of project management; 7-S of project management. Project management as a strategic capability; Resource coordination; Project and organizational goals.

Unit 2: Estimating Project Time, Cost and Quality Planning

15 LHs

Concept of project time, cost and quality; Types of costs, Estimating guidelines for Times, Costs and Resources; Top-Down versus Bottom-Up Estimating; Methods of Estimating Project Times and Costs; Project Cost Management.

Unit 3: Developing Project Plan

15 LHs

Developing project networks; Basic rules to follow in developing project network; Activity-on-arrow (AoA) diagrams, Activity-on-Node (AON), Scheduling; Computer-assisted project planning; Fast-track projects; Quality planning process; Quality conformance planning; Quality performance planning.

Unit 4: Project Appraisal and Risk Management**15 LHs**

Meaning of project appraisal; Common methods of project appraisal; Tools for project appraisal; Analyzing time plans; Analyzing cost plans; Analyzing quality plans; Risk management; Risk management process: Risk identification, Risk assessment, Risk response development, Risk response control; Change control management.

Unit 5: Leadership and Team management for project**15 LHs**

Managing versus leading a project; Managing project stakeholders; Social network building: mapping dependencies, management by wandering around, managing upward relations, leading by example; Building trust; qualities of an effective project manager; Team building for project; Role of teams; Building high-performance project teams; Project team pitfalls.

Unit 6: Projects Controlling**15 LHs**

Meaning of control; Structure of a project monitoring information system; Type of project control; Project control process; Indices to monitor control; Control systems; Outsourcing: HR outsourcing, process outsourcing and project outsourcing, Control constraints – quality, cost and time; Project control techniques; Change control.

Unit 7: Project closure and Handover**15 LHs**

Types of project closure; Wrap-up closure activities; Creating final report; Post implementation evaluation, Conducting reviews; Retrospectives; Project handover.

Unit 8 : Project Management Career Paths**10 LHs**

Career paths; Pursuing a career; Professional Training and Certification; Gaining visibility; Mentors; Success in key projects.

Unit 9: Project Management in Nepal**15 LHs**

Project management development in Nepal; Significance of project management in Nepal; Project planning practices in Nepal; Project appraisal and control practices in Nepal; Problems for project delay in Nepal

Project Work**10 LHs**

The final project work is made an essential academic requirement for the fourth year students in all concentration courses. The faculty will give home/field assignment to students to develop/ design/ evaluate/ analyze/ control/ or similar other task related to project, and discuss in classroom so that students learn practicum on project management.

Suggested Readings:

Harold Kerzner .Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 10th ed.

Gray, C. F., Larson, E. W. & Desai, G. V. *Project Management: The Managerial Process*. Chennai McGraw Hill Education (India) Private Limited.

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

Mantel, S.J. et al. *Project Management*. New Delhi: Wiley-India.

David I. Cleland, *Project Management: Strategic Design and Implementation*, McGraw Hill International.

Chandra, P. *Projects*. New Delhi: McGraw Hill Education.

Choudhury, S. *Project Management*. New Delhi: McGraw Hill Education.