

# ISM 204: Project Management

*Credits: 3*  
*Lecture Hours: 48*

## **Course Objective**

This course aims to familiarize students with the concept and practice of project planning, execution and controlling of projects and will cover the basic tools, skills, and knowledge necessary to successfully manage a project through its inception, design, planning, and transition phases.

## **Course Description**

This course contains introduction, project planning and formulation, project organization, execution and control, leadership and teams in project management, Project Appraisal and Termination.

## **Course Details**

### **Unit 1: Introduction**

**LH 7**

Concept, project management- nature and scope, types of project, project management and project manager, project management characteristics, need for project management, Project life cycle, skills and responsibility of a project manager, attributes of a good project manager, essential steps for a successful project initiation, project success and project failure.

### **Unit 2: Project planning and Formulation**

**H 13**

Project environment, starting the project plan, Process of planning, human resources-the RACI matrix and agile projects, project risk management, estimating project budgets, improving the process of cost estimating, risk estimation, network techniques- PERT and CPM, resource allocation, the resource allocation problem, resource loading and leveling, constraints in resource scheduling, project formulation techniques, identification of investment opportunities, project screening, feasibility study, project selection and formulation, stages in project formulation, project report preparation.

### **Unit 3: Project Organization, Execution and Control**

**LH 12**

Projects in a functional organizational structure, projects in a projectized organization, projects in a matrixed organization, project in a composite organizational structures, selecting a project form, the project management office, human factor and the project team, the planning monitoring controlling cycle, information need and reporting, project management information system (PMIS), purpose of control, the project control process, types of control process, monitoring time performance, the design of control system, control of change.

### **Unit 4: Leadership and Teams in Project Management**

**LH 10**

Managing vs. leading a project, managing project stakeholders, influence as exchange, social network building, ethics and project management, building trust, assigning project work, five stages of team development, situational factors affecting team, building high performance project teams, managing virtual project teams, project team pitfalls.

**Unit 5: Project Appraisal and Termination****LH 6**

Purpose of project appraisal, the project audit, the project audit life cycle, essentials of project appraisal, measurement, the varieties of project termination, termination of a project, the termination process, termination report.

**Unit 6: Project Management in Nepal**

Project management in developing countries, project identification and development in Nepal, Types of projects in Nepal, project implementation and appraisal. Benefits and limitations of project management, practical difficulties in project formulation and implementation.

**Text and Reference Books**

Nagarajan, K., Project Management, Prentice-Hall India

Khatua, S. Project Management and Appraisal, Oxford

Morris, P. W.C., Pinto, J. and S. Jonas, Project Management, Oxford

Williams, M., The Principles of Project Management, Sitepoint Pty. Ltd.

Meredith, J. R. and Mantel, S.J., Project Management, John Wiley, New York.

Agrawal, G.R Project Management in Nepal, MR Publication Kathmandu.