

ELECTIVE COURSE – IV : PROJECT MANAGEMENT

UNIT I

Concepts of Project Management: Project – Meaning – Nature – Types of project and project life cycle – Project management – Nature and scope of project management – Project management as a profession – Role of project manager.

UNIT II

Project Identification and Formation: Project environment – Identification of investment opportunities – Projects screening - Preferability study – Project selection – Project formulation – Stages in project formulation – Project report preparation – Planning Commission's guidelines for project formulation.

UNIT III

Project Appraisal: Objectives, essentials of a project methodology – Market appraisal – Technical appraisal – Financial appraisal – Socio-economic appraisal – Management appraisal.

UNIT IV

Project Planning and Scheduling: Objectives – Process or Planning Components or good planning – Project designing and project scheduling and time estimation – Scheduling to match availability of man power and release of funds – Cost and time trade cost.

UNIT V

Project Execution and Administration – Project contracting: Contract pricing , types – Project organisation: Forms of organisation – Project direction – Project communication – Project coordination – Factors influencing effective project management – Project time monitoring and cost monitoring – Project over runs. Project Control: Control techniques – PERT, CPM – Proper review – Project audit.

REFERENCE:

- 1 Prasanna Chandra, Projects Planning, Analysis, Selection, Implementation and Review.
- 2 Gopalakrishnan P & Ramamoorthy V.E, Textbook of Project Management.
- 3 Kerzner Harold, Project Management.
- 4 Dennis Hock, Project Management Handbook.
- 5 Choudhry S, Project Management.
- 6 Goel B.B. Project Management: A Development Perspective.