

Project management (AEM 510)

1. Projects, Programmes and Policies
2. Classifications of Projects
3. Elements of Project management
4. The Project Cycle
5. Social and Economic Growth and development
6. Project evaluation and monitoring

Issues in Project Management

- 1. Problem identification stage
 - The Various approaches-advantages and disadvantages
 - The Top-bottom approach
 - The Bottom-top approach
 - The community Driven Method
- 2. Social Problems and economic challenges

Project Financing and Refinancing

- Financing a project
- Sources of Finance for different types of Projects
- Concept of Time value of Money-
Compounding and discounting
- Project Refinancing
- Economic and Financial assessment of
Projects
- Private cost and benefits

Project sustainability

1. Elements of Sustainability

- Economic viability
- Social relevance
- Ecologically reliable
- Environmentally friendly

2. Project feasibility

- Physical feasibility
- Economic feasibility
- Technological feasibility
- Legal feasibility
- Environmental feasibility

Project Logical framework

- The Concept of project logical framework
- The role of Project log frame
- Importance of log frame in project design and
- Sustainability and efficiency of Development Projects in log frame
- Designing a projects' logical framework

Feasibility studies and Report

- The Difference between Project feasibility study and the report
- The importance and elements of Feasibility study
- The pre-feasibility assessment
- Requirements and tools for the appraisal
- Outline of the feasibility report
- The uses/importance of the report

Measures of Project worth

- The Undiscounted measures
 - Payback period
 - The intuition method
 - Arithmetic average
- The Discounted measures
 - Net present Value
 - Benefit-cost analysis
 - Internal rate of return

Programme Review and Evaluation Technique

- The concept of PERT
- Terminologies use in PERT review
- PERT Designs and flowcharts
- Advantages and Limitations of PERT
- Calculating optimum project completion time
- Valuation of post project inputs
 - The LIFO method
 - The FIFO method

Environmental Impact assessment

- Concept of EIA
- The Concept of Projects' Externalities
- The steps and practice of EIA
 - Scooping
 - Auditing
 - Review
- The Environmental Impact Statement
- The outline of the statement
- Uses and Importance of EIA