

ELECTIVE- PRODUCTION & OPERATION MGT.  
**PROJECT MANAGEMENT**

Subject Code- POM 2

Max Marks: Ext Ex: 80  
Min Pass Marks : 32

**OBJECTIVE:**

To familiarize the students with the fundamental concepts and methods of Project Management, Evaluation, Financing and Control.

**COURSE CONTENTS :**

**Unit - I:** Planning – Overview; Strategy and Capital Allocation; Generation and Screening of Project Ideas

**Unit – II:** Analysis – Market and Demand Analysis, Technical analysis, Financial Estimates and projections.

**Unit – III:** Selection: Basic Techniques – The Time Value of Money, Investment Criteria, Project Cash flows, The Cost of Capital, Stand – Alone Risk Analysis; Portfolio Theory and Capital Budgeting.

**Unit IV:** Financing: Financing of infrastructure and other Projects, its Capital Structure & Methods of Offering; Venture Capital and Private Equity

**Unit V:** Project Implementation and Review– Evaluation and Control; Project Network Techniques; use of PERT and CPM . Cost and Time overrun; Administrative aspects of Project Review.

**SCHEME OF EXAMINATION:**

Total Marks: ( Internal 20, external 80) = 100 Marks

**PATTERN OF EXTERANL EVALUATION:**

Sec A: (Short answer) 4 out of 8                      4x8 = 32 Marks

Sec B: (Essay type and case) 3 out of 5                      3x16 = 48 Marks

**REFERENCE BOOKS:**

1. Projects, Planning Analysis, Selection, Implementation & Review – Prasanna Chandra. Tata McGrawhill India Ltd.,
2. Richman, Larry. (2008). Project Management: Step-by-step. Prentice Hall India
3. David I. Cleland – Project Management: Strategic Design and Implementation – McGraw – Hill Inc.
4. Text Book of Project Management, P.Gopalakrishnan and VE Rama Moorthy – Mcmillan India Ltd.,