

7th Semester

1. HU4101: FINANCE ECONOMICS AND MANAGEMENT FOR ENGINEERS **(3 Credits)**

Weekly contact : 3-0-0 (L-T-S)
Credits : 3

Full marks: 100

Course Objective: The purpose of the course is to provide elementary and fundamental concepts of Finance, Economics and Management to the Budding Engineers. The course also aims at making the Engineering students aware of the method of ascertainment and estimation of Cost, market mechanism, economic decision making under constraints and basic management principles.

Course Outcome: After attaining the course, the students are expected to become conversant with basic costing method and principles, working of economic system and management functions.

FINANCE (1st Module) [1 credit]

1	Introduction – definition of Financial Management – objective and scope –role of Finance Manager –finance goal : profit maximization versus maximization of the value of the firm or shareholder’s wealth – concept of Assets and Liabilities.	3 hrs.
2	Over view of the sources of Long Term Finance –Cost Of Capital –Capital Structure.	2 hrs
3	Long Term Financial Decision Making – Capital Budgeting Decisions with special emphasis on Net Present Value Method.	3 hrs
4	Concept of Cost and its classifications: Element wise, Functional, Behaviour wise, Traceability wise.	2 hrs
5	Concept of Methods Of Costing for computation and estimation with the help of Cost Sheet.	4 hrs
	Total :	14 hours

ECONOMICS 2nd Module [1 credit]

1	Basic Terminologies	(1)
2	Theory of Consumer of Behaviour (Utility Analysis, Consumer equilibrium, Demand Curve)	(3)
3	The Theory of the Production and Costs (Production function, Laws of Returns, Cost-Total Cost, Average cost, Marginal Cost)	(3)
4	National Income (National Income Accounting –GDP, GNP, Real and Nominal Income)	(1)
5	Simple Income Determination Model (Simple Keynesian Model, the Multiplier)	(3)
6	Money and Banking (Demand for and Supply of Money, Commercial and Central Bank)	(1)
7	Fiscal Policy (Government Revenue, Expenditure and Financing)	(1)
8	Inflation and Unemployment	(1)
	Total :	14 hrs.

MANAGEMENT (3rd Module) [1 credit]

1	Introduction to Management	01
2	Need for Management	02
3	Various types of Management styles	03
4	Vision, Mission, Corporate Objectives, various types of Corporate Strategies including Generic Product-Market Grid strategies for CM & IM or B2C & B2B.	02
5	Business level strategies and its importance	02
6	Functional level strategies and its importance in creating value for the customer.	
7	Communication Process	02
8	Development of cases by students; Corporate Planning and implementation requirements.	02
	Total :	14 hrs.

Suggested Readings:

1. Financial Management by I M Pande
2. Financial Management and Policy by J.C. Van Home
3. Financial Management : Theory and Practice by Prasanna Chandra
4. Principles and Practice of Cost Accounting by Asish K. Bhattacharya
5. Cost Accounting for Business Managers by Asish K. Bhattacharya
6. Cost Accounting by Jain and Narang
7. Managers who Make a Difference – T.V. Rao
8. Management by Stoner and others, 6th edition
9. Principles of Management by Charles W.L. Hill and Steven Meshave
10. Principles of Management by Neeru Vasishth and Vibhuth Vasishth, 5th edition.
11. Strategic Management – Formulation, Implementation and Control by John Pearce, Richard Robinson.
12. Intermediate Micro-economics A Modern Approach, Hal R. Varian
13. Principles of Economics, Lipsey and Chrystal
14. Macroeconomics ,Rudiger Dornbusch and Stanley Fischer and Richard Startz.