

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES
SYLLABUS FOR B.E
ECONOMICS AND FINANCE FOR ENGINEERS
ACADEMIC YEAR 2024-25

;Instruction: 2Hrs/week	SEE Marks: 60	Course Code: U22HS040EH
Credits: 2	CIE Marks:40	SEE: 3 hrs.

COURSE OBJECTIVES	Course Outcomes
<p>The course will enable the learners to: Understand the concepts and tools of economics, cost and finance that will equip them for decision making.</p>	<p>At the end of the course the learner will be able to :</p> <ol style="list-style-type: none"> 1. Gain a conceptual understanding of economics as a discipline. 2. Construct a cost sheet and classify costs and make use of break-even analysis in decision making. 3. Evaluate the accounting cycle and explain its importance in recording business transactions 4. Analyze the financial position of business firm through calculation and interpretation of ratios 5. Compare and evaluate Long term investment decisions in business

Unit I: Concepts in Economics

Definition of Managerial Economics- Scope of Managerial Economics -Relevance of Economics for Engineers- Law of Demand- assumptions and exceptions - Price elasticity of demand (Application-oriented approach)

Unit II: Cost Analysis and Profit Planning

Concept of Cost - Classification of Costs (Fixed Vs Variable, Implicit Vs Explicit, Incremental Vs Marginal)- Preparation of Cost Sheet (Simple Problems)-Breakeven Analysis (Application-oriented approach)

Unit III: Conceptual Understanding of Accounting

Accounting Cycle-Journal-Subsidiary Books- Ledger-Trial Balance-Final Accounts (Trading, Profit and Loss Account, Balance Sheet (Theory Only)
 Preparation of Trading and Profit and Loss Account and Balance Sheet (Problems without adjustments)

UNIT IV: Financial Statement Analysis

Ratio Analysis-uses and limitations- Liquidity, Solvency, Activity & Profitability Ratios (simple problems)

Unit V: Long Term Investment decisions:

Capital Budgeting -Traditional and DCF Techniques (simple problems)

Learning Resources for students:

1. S.P.Jain and K.L Narang., "Financial Accounting", Kalyani Publishers -Latest edition.
2. S.P.Jain and K.LNarang., "Cost Accounting", Kalyani Publishers, Latest edition.
3. M.Y.Khan and P.K. Jain., "Financial Management - Text, Problems and Cases", Mc Graw Hill Education Private Limited, New Delhi.Latest edition
4. M. Kasi Reddy &Saraswathi, Managerial Economics and Financial Analysis, PHI New Delhi, Latest edition.

Reference books:


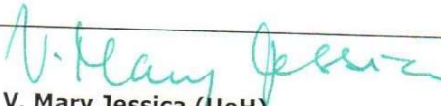

1. Mehta P.L., "Managerial Economics: Analysis, Problems and Cases", Sultan Chand and Sons. Latest edition.
2. Narayanaswamy, "Financial Accounting: A Managerial Perspective", Prentice Hall India
3. M. L. Seth., "Micro Economics", Lakshmi Narain Agarwal. Latest edition
4. Dr. R.P. Rustagi., "Fundamentals of Financial Management" Taxmann Publications. Latest edition

The break-up of CIE: Internal Tests + Assignments + Quizzes

1	No. of Internal tests	:	<input type="text" value="2"/>	Max. Marks	:	<input type="text" value="30"/>
2	No. of assignments	:	<input type="text" value="3"/>	Max. Marks	:	<input type="text" value="5"/>
3	No. of Quizzes	:	<input type="text" value="3"/>	Max. Marks	:	<input type="text" value="5"/>

Duration of Internal Tests : 90 Minutes

BoS Signatures:

 Dr. JACQUELINE AMARAL Head HSS BoS CHAIRMAN	 Prof. V. Mary Jessica (UoH) (Subject Expert) Prof & Dean School of Management Studies DEAN School of Management Studies
 Dr. Rabindranath Solomon (Subject Expert) Associate Prof & Head Dept of Commerce Director, Centre for Skill Development & Career Planning (BRAOU)	MEMBERS OF HSS, University of Hyderabad Hyderabad-500 046 Dr. M. Jyothi (Asst. Prof) Dept. of HSS Dr. D N S Bhaskar (Asst. Prof) Dept. of H&SS

HEAD
Dept. of Commerce
Dr. B. R. Ambedkar Open University
Inhilee Hills, Hyderabad, 500 035