

VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

SYLLABUS FOR B.E
ECONOMICS AND FINANCE FOR ENGINEERS
ACADEMIC YEAR 2023-24

Instruction: 2 Hrs/week	SEE Marks: 60	Course Code: U20HS040EH
Credits: 2	CIE Marks:40	SEE: 3 hrs.

COURSE OBJECTIVES	Course Outcomes
The course will enable the learners to: Understand the concepts and tools of economics, cost and finance that will equip them for decision making.	At the end of the course the learner will be able to : <ol style="list-style-type: none"> 1. Gain a conceptual understanding 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. Interpret the ratios and dissect comparative and common size statements 5. Compare the sources of finance and evaluate them

Unit I: Concepts in Economics

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

Unit II: Cost Analysis and Profit Planning

Concept of Cost -Costing – Classification of Costs – 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
 (Manufacturing/Trading, Profit and Loss Account, Balance Sheet (Theory Only)

UNIT IV: Financial Statement Analysis

Financial Statements - Meaning - Types – Purpose-Comparative and Common Size Statements
 Ratio Analysis- Liquidity, Solvency, Activity & Profitability Ratios (including simple problems on Ratio Analysis)

Unit V: Long Term Sources and Uses of Finance

Long term sources of finance-Debt, Equity, Hybrid, Start- Up finances, Crowd Funding, Peer to Peer lending platforms.
 Capital Budgeting – Traditional and DCF Techniques (including 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

Chairman, BoS Department of H&SS

Jaqueline
21/6/23

Prof. V. Mary Jessica (UoH) (Subject Expert)

Prof & Dean - School of Management studies

V. Mary Jessica
21/6/23

Dr. Rabindranath Solomon (BRAOU) (Subject Expert)

*Associate Prof & Head Dept of Commerce
Director - Centre for Skill devt + Career planning*

Rabindranath
21.6.23.

Dr. M.Jyothi (Asst.Prof)
Dept. of HSS

M. Jyothi
21/6/23

Mr. D N S Bhaskar

Assistant Professor, H&SS

D N S Bhaskar
21/6/23