VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS) HYDERABAD
DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

COURSE NAME- FINANCIAL ANALYTICS (BFSI)-OPEN ELCETIVE

SYLLABUS- COMMON TO ALL BRANCHES

W.E.F-2026-2027 **V SEMESTER**

Instruction: 3Hrs/week	**SEE Marks: 60**	**Course Code: U24OE520EH**
Credits: 3	**CIE Marks:40**	**SEE: 3 hrs.**

COURSE OBJECTIVES	COURSE OUTCOMES
1. To gain knowledge of tools of financial Analysis 2. To understand valuation methodologies of Financial Debt Instruments 3. To understand corporate valuation methodologies	1. Provides insights into working of financial markets 2. Blend of Theory and numerical problems 3. Domain knowledge important in view of focus by Fintech companies

Unit 1 (5 hours) Introduction to Financial Management

Introduction to Financial Management - Meaning - Financial Decisions- Interrelation between Financial decisions - Time Value of Money - Concept of Present Value and Future value - Effective Vs Nominal rates of interest. Risk Return Tradeoff- (Simple numerical problems on Risk)

Unit 2 (10 hours) Financial Statement Analysis-MS-Excel based

Financial Statement Analysis - Financial Statements- Components of financial statements- Profit and Loss - Balance Sheet - Cashflow Statement - building blocks of financial statements- Sensitivity of various components on the profitability - Inter and Intra Company comparision - Ratio Analysis, Common Size statements.(Including numericals on Inter and Intra company comparison)

Unit 3 (8 hours) Debt Securities-MS-Excel based

Debt Securities - Types of Bonds - Bond Indenture - Valuation of Bonds - Bonds with Annual and Semi Annual Interest payments - Current Yield - Yield to Maturity and Yield to Call - Bond Duration – importance and Computation - Bond Portfolio management

Unit 4 (5 hours) Capital Structure

Capital Structure- Concept - Sources of Finance - Determinants of Capital Structure - EBIT - EPS Analysis - Effect of Taxation - Consideration of Management Control.

Unit 5 (15 hours) Business Valuation

Business Valuation - Concept - Purpose and Hindrances - Projected Financials - Methods of Valuation - Discounted Free Cash Flow Method - Net Assets Based - Comparable Company-Market multiples - Business Valuation in Mergers- Real life Examples

LEARNING RESOURCES:-

Textbooks

Units 1,2,3,4 –Financial Management by M Y Khan

Unit 5 – Institute of Company Secretaries Study book

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

1	No. of Internal tests	:	2	Max. Marks	:	30
2	No. of Assignments	:	3	Max. Marks	:	5
3	No. of Quizzes	:	3	Max. Marks	:	5

Duration of Internal Tests : 90 Minutes

Signatures:-

Jacqueline **Dr. JACQUELINE AMARAL** HEAD-HSS 8/6/26 BOS CHAIRMAN VASAVI COLLEGE OF ENGINEERING HYDERABAD	Ranjani Anand 8/6/26 **PROF. C. V. RANJANI** SUBJECT EXPERT DEPARTMENT OF COMMERCE OSMANIA UNIVERSITY HYDERABAD-500 007
8/6/26 **PROF. KASTURI RANGAN** SUBJECT EXPERT PRINCIPAL PENDEKANTI INSTITUTE OF MANAGEMENT IBRAHIMBAGH, HYDERABAD	**MEMBERS OF HSS, VCE :-** 8/6/26 **Dr. M. JYOTHI** ASST. PROF. OF EFE HSS, VCE 8/6/26 **Dr. D N S BHASKER** ASST. PROF. OF EFE HSS, VCE