

GANPAT UNIVERSITY									
FACULTY OF MANAGEMENT STUDIES									
Programme	MBA				Branch/Spec.	Tech MBA (MBA Technology Management)			
Semester	III				Version	2.0.0.0			
Effective from Academic Year	2025-26				Effective for the Batch admitted in	January 2025			
Course Code	IIIA04IFF		Course Name		Investment Banking, Fraud Detection and Financial Modelling				
Teaching Scheme					Examination Scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total	CE	SEE	Total	
	L	TU	P	TW					
Credit	4	0	0		4	Theory	60	40	100
Hours	4	0	0		4	Practical			
Pre-requisites									
Course Outcomes									
On successful completion of the course, the students will be able to:									
CO1	Explain the structure, core functions, and deal lifecycle within the investment banking industry, from client pitching to deal execution.								
CO2	Interpret and conceptually build foundational financial models to support strategic business decisions like valuation, mergers, and acquisitions.								
CO3	Identify common financial fraud schemes and red flags, and understand the role of corporate governance and internal controls in risk mitigation.								
CO4	Evaluate the impact of emerging technologies on financial services and articulate the ethical and regulatory challenges in the modern financial landscape.								
Theory Syllabus									
Unit	Content								Hrs.
1	Introduction to the World of Investment Banking. History and Evolution of Investment Banking, Structure of a Global Investment Bank, Front Office vs. Middle Office vs. Back Office, Key Functions and Divisions, Introduction to Mergers & Acquisitions (M&A), Overview of Capital Markets, The Concept of a Pitchbook, The Lifecycle of a Deal, Major Global Financial Centers, The Regulatory Environment and Compliance.								12
2	Core Investment Banking Services: Deal Making. The Mergers & Acquisitions (M&A) Process, Sell-Side vs. Buy-Side Advisory Roles, Synergies and Integration Strategy, Introduction to Leveraged Buyouts (LBOs), Raising Capital: Initial Public Offerings (IPOs), Follow-on Public Offerings (FPOs), Debt Capital Markets (DCM) vs. Equity Capital Markets (ECM), The Role of Due Diligence in Transactions.								12
3	The Art of Financial Modelling. Purpose and Importance of Financial Modelling, Best Practices in Model Design, Understanding the Three-Statement Model (Income Statement, Balance Sheet, Cash Flow), Linking the Financial Statements, The Concept of Discounted Cash Flow (DCF) Valuation, Relative Valuation using Comparable Company Analysis (Comps), Precedent Transaction Analysis, Building a Valuation Dashboard (Conceptual), Sensitivity and Scenario Analysis.								12
4	Corporate Fraud Detection and Governance. Introduction to Corporate Fraud, The Fraud Triangle (Pressure, Opportunity, Rationalization), Common Financial Statement Fraud Schemes, Revenue Recognition Issues, Asset Misappropriation, Red Flags and Analytical Procedures for Detection (Conceptual), The Role of Forensic Accounting, Corporate Governance Structures, Importance of the Board of Directors and Audit Committee, Whistleblower Policies and Ethical Culture.								12

5	The Future: Technology, Ethics, and Careers. The Impact of FinTech on Traditional Banking, High-level view of AI and Machine Learning in Fraud Detection, Blockchain and its Financial Applications, Regulatory Technology (RegTech), Ethical Dilemmas in Investment Banking, Building a Career in Finance, Navigating the Recruitment Process, Understanding Case Studies for Interviews, The Art of the Financial Pitch.	12
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Practical, assignments and tutorials are based on above syllabus.		
Text Books		
1	Investment Banking: Valuation, LBOs, M&A, and IPOs by Joshua Rosenbaum and Joshua Pearl.	
Reference Books		
1	Valuation: Measuring and Managing the Value of Companies by McKinsey & Company Inc., Tim Koller, Marc Goedhart, and David Wessels. (A classic on valuation)	
2	The Little Book of Valuation: How to Value a Company, Pick a Stock, and Profit by Aswath Damodaran. (Accessible introduction to valuation)	
3	Financial Modeling and Valuation: A Practical Guide to Investment Banking and Private Equity by Paul Pignataro. (Good conceptual guide)	
4	Corporate Fraud Handbook: Prevention and Detection by Joseph T. Wells. (Excellent resource for fraud concepts)	
5	The Smartest Guys in the Room: The Amazing Rise and Scandalous Fall of Enron by Bethany McLean and Peter Elkind. (A must-read case study on corporate fraud)	
6	Principles of Corporate Finance by Richard Brealey, Stewart Myers, and Franklin Allen. (Standard textbook for finance fundamentals)	
7	Liar's Poker by Michael Lewis. (Provides cultural context on Wall Street)	
8	The FINTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries by Susanne Chishti and Janos Barberis. (Connects finance with technology trends)	
9	Financial Shenanigans: How to Detect Accounting Gimmicks & Fraud in Financial Reports by Howard Schilit. (Practical guide to identifying red flags)	
10	Monkey Business: Swinging Through the Wall Street Jungle by John Rolfe and Peter Troob. (An inside look at the analyst experience)	
11	Barbarians at the Gate: The Fall of RJR Nabisco by Bryan Burrough and John Helyar. (The definitive story of LBOs)	
ICT/MOOCs Reference		
1	Coursera: Investment Management Specialization — University of Geneva	
2	Udemy: Financial Modeling & Valuation: Complete Investment Banking Course	

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	P S O 1	P S O 2	P S O 3	P S O 4
CO1	2	3	2	1	2	1	1	1	3	3	2	1
CO2	3	3	2	1	2	1	2	2	3	3	3	1
CO3	2	2	2	1	2	3	1	1	2	2	2	3
CO4	2	2	2	1	2	3	1	3	3	2	2	3