



RBU

RAMDEOBABA UNIVERSITY, NAGPUR

Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984

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PROGRAMME SCHEME & SYLLABI

School of Management

Multidisciplinary Minor [MDM]

Banking, Financial Services and Insurance [BFSI]

2025-26

MDM in Banking, Financial Services and Insurance [BFSI]

The Overview

The Multidisciplinary Minor in Banking, Financial Services, and Insurance (BFSI) is a specialized academic track designed to equip students with a strong foundation in core financial domains that drive the modern economy. Spread across four semesters, the program covers essential topics such as Financial Reporting, Banking Operations, Insurance Management, and FinTech Innovations, blending traditional knowledge with contemporary trends. The curriculum is crafted to meet the growing demand for professionals who understand financial systems, technological disruption, and regulatory environments in the BFSI sector.

With a focus on real-world applications, emerging technologies, and decision-making skills, this minor prepares students for roles in financial analysis, banking services, insurance, financial technology, and related sectors. Case studies, regulatory insights, and technology-driven modules ensure the program remains relevant to industry needs.

Program Objectives:

By the end of this MDM, students will be able to:

1. Develop a clear understanding of accounting principles, financial statement analysis, insurance practices, and banking systems.
2. Train students to analyze financial data, evaluate risk, interpret financial statements, and use this information for sound decision-making.
3. Familiarize students with the legal and institutional frameworks that govern Indian banking, insurance, and fintech sectors.
4. Equip students with insights into emerging financial technologies such as blockchain, AI, RegTech, and digital payment systems to meet the evolving needs of the BFSI industry.
5. Prepare students for employment opportunities in banking, insurance, digital finance, and fintech startups by offering practical exposure and domain-specific expertise.

Who Should Enroll?

This MDM is ideal for B.Tech. Students who:

- Students seeking to enhance their understanding of financial systems, regulatory frameworks, and fintech innovations.
- Students who are looking to gain a competitive edge in technology-driven financial environments and broaden their employment prospects.

Sr. No.	Sem	Course Code	Name of Course	Hours per week		Credits	Maximum Marks			ESE Duration Hrs
				L	P		Continuous Evaluation	End Sem Exam	Total	
1	III	24SM02TH0301	Financial Reporting, Statements, and Analysis	3	-	3	50	50	100	3
2	IV	24SM02TH0401	Banking and Financial Services	3	-	3	50	50	100	3
3	V	24SM02TH0501	Insurance Management	3	-	3	50	50	100	3
4	VI	24SM02TH0601	Fintech	3	-	3	50	50	100	3
			TOTAL	12	-	12	200	200	400	

Syllabus for Semester III, Master of Business Management
(Multidisciplinary Minor in Banking, Financial Services, and Insurance (BFSI))

Course Code: 24SM01TH0301 Course: Financial Reporting, Statements and Analysis
L: 3 Hrs. P: 0 Hrs. Per week Total Credits: 3

Course Objective:

Through enhanced pedagogy, up-to-date coverage explaining the fundamental principles of accounting, the entire accounting cycle, from recording of financial transactions to the preparation of final accounts, the course aims to develop the critical thinking and decision-making skills that the students need to succeed in a dynamic business world

Course Outcomes:

Upon Successful completion of this course, the student will be able to –

CO1: Understanding of fundamental concepts of financial accounting, including its scope, objectives, principles, and the distinction between accounting and bookkeeping.

CO2: Knowledge of recording of financial transactions through proper journal entries and post them to ledgers for the preparation of a trial balance.

CO3: Apply depreciation using appropriate methods such as Written Down Value (WDV) and Straight Line Method (SLM).

CO4: Prepare basic financial statements such as the Income Statement and Balance Sheet for corporate entities.

CO5: Analyze and interpret financial statements using ratio analysis and other tools to assess a firm's financial health.

Unit - I : Introduction to Financial Accounting

Book Keeping, Financial Accounting: - definition and Scope, objectives, advantages & limitation. Accounting v/s Book Keeping, Branches of Accounting, users of accounting information, Terms used in accounting, Accounting Principles, Concepts and Conventions.

Unit - II: Recording of Transactions

Accounting Process, Journals, Ledger and Preparation of Trial Balance.

Unit - III: Depreciation Accounting

Meaning, need & importance of depreciation, methods of charging depreciation (WDV & SLM).

Unit - IV: Preparation of Financial Statements

Introduction and preparation of Financial Statements of Corporate Entities.

Unit-V: Financial Statement analysis & Interpretation

Meaning of financial statements (Balance Sheet, Income Statement & Cash flow statement), Ratio Analysis - classification of various ratios, Reading the balance sheet and other financial data to comment on the financial soundness of the firm.

Text Book

1. Advance Accounting, Dr. Ashok Sehgal, Dr. Deepak Sehgal, Vol -I, Taxmann's.

Reference Books:

1. Financial, Cost and Management Accounting, Dr. P. Periasamy, 2nd Edition, Himalaya Publishing House.
2. Advance Accounts Volume I by M.C. Shukla, T.S. Grewal, S.C. Gupta by S. Chand and company, New Delhi.
3. Advanc Accounts Volume II by M.C. Shukla, T.S. Grewal, S.C. Gupta by S. Chand and company, New

Syllabus for Semester IV, Master of Business Management

(Multidisciplinary Minor in Banking, Financial Services, and Insurance (BFSI))

Course Code: 24SM01TH0401

Course: Banking and Financial Services

L: 3 Hrs. P: 0 Hrs. Per week

Total Credits: 3

Course Objective:

This course introduces students to the structure and functions of the Indian banking and financial services sector. It covers key areas such as credit management, regulatory frameworks, digital payments, and financial products. The course also emphasizes emerging technologies like AI, blockchain, and digital banking, equipping students with domain knowledge relevant for IT roles in the BFSI industry.

Course Outcomes:

CO1: Understand the evolution, structure, and types of banking in India, and analyze how emerging technologies and digital channels are transforming banking operations and customer experience.

CO2: Explain the regulatory framework governing Indian banking, particularly the role and functions of the Reserve Bank of India (RBI), and assess the impact of regulatory guidelines on digital banking and FinTech.

CO3: Demonstrate knowledge of credit instruments, lending mechanisms, and credit monitoring practices, and evaluate the regulatory and institutional norms for credit deployment and Non-Performing Assets (NPAs).

CO4: Illustrate the architecture of India's payment and remittance systems, and examine the role of institutions like NPCI and RBI in driving secure and inclusive digital financial transactions.

CO5: Identify the key financial products, services, and regulatory institutions in India's financial sector, and analyze the integration of technology and innovation in delivering these services.

Unit - I: Meaning and Definition of Banking

Evolution and History of Banking in India; The Role of Banks in the Financial System; Financial Intermediation by the Banks; The Indian Banking Structure-Types of Banks in India; Concepts of Banking-Unit Banking, Branch Banking, Narrow Banking, Universal Banking; Channels of Banking- Branch Banking-Online Banking, Mobile Banking, Digital Wallets, Neo-banks, Green banking. **Emerging Technologies in Banking** – AI, Blockchain, IoT in Banking, Embedded Finance

Unit - II: The Regulatory Structure of Banking

The Banking Regulation Act 1949 and amendments, The Central Bank- Functions of a central Bank; The Reserve Bank of India Functions and powers of RBI; RBI-the Monetary Policy and Reserve Ratio Requirements. RBI Guidelines for Digital Banking and FinTech.

Unit - III: Lending of Loans and Advances

Concept of Credit – Credit Policy – Credit Monitoring – Production Vs Consumption credit - Credit Instruments/ Products – Credit Facilities – Fund and Non Fund – Priority Sector lending – Sectoral financing – Retail, Consumer, Agriculture, SMEs, SHGs, SSI, Tiny - Consortium Financing – Credit rating and CIBIL Procedures. RBI's Guidelines to Banks for advances and NPAs

Unit - IV: Payment , Settlement and Remittance Systems

Payment Systems Interbank Payment Systems – INFINET and NPCINet - Interface with Payment system Network– SWIFT- Structured Financial Messaging system (SFMS) - NEFT – RTGS; National Payments Corporation of India (NPCI) – Functions & Products – NFS - UPI – BHIM – NACH – IMPS - 99# – NETC – AEPS – BBPS – Bharat QR Code - Card technologies (RuPay), e-RUPI, CTS, and Settlement Process.

Unit – V Financial Products and Services

Overview of Financial Services Sector in India, Major Financial Institutions and Regulators, Key Financial Products, Technology and Innovation in Financial Services, Current Trends and Challenges

Text Book

1. Banking Products and Services (Indian Institute of Banking and Finance)
2. Bank Financial Management (Indian Institute of Banking and Finance)

Reference Books

1. Banking Theory and Practice by P.K. Shrivastava
2. Retail Banking by Indian Institute of Banking and Finance

Syllabus for Semester V, Master of Business Management

(Multidisciplinary Minor in Banking, Financial Services, and Insurance (BFSI))

Course Code: 24SM01TH0501

Course: Insurance Management

L: 3 Hrs. P: 0 Hrs. Per week

Total Credits: 3

Course Objective:

This course provides foundational knowledge of insurance, risk management, and financial planning. Students will learn about insurance contracts, intermediaries, general insurance, personal and liability insurance, and life insurance, gaining a comprehensive understanding of the industry's role in financial security.

Course Outcomes:

Upon Successful completion of this course, the student will be able to –

CO1: Knowledge of the basics of Insurance, Insurance Contract, and Insurance Intermediaries.

CO2: To build knowledge about Risk Management.

CO3: To learn the concept of General Insurance.

CO4: To understand the concept of Personal and Liability Insurance.

CO5: To build knowledge about Financial Planning and Life Insurance

Unit I: Fundamentals of Insurance

Definition, purpose, and significance of insurance, Risk and uncertainty: types of risks, risk pooling and risk transfer, Principles of insurance: Utmost Good Faith, Insurable Interest, Indemnity, Contribution, Subrogation, Proximate Cause Types of insurance: Life, General, Health, Social Role of insurance in the Indian economy and BFSI sector, Overview of the insurance industry in India (LIC, GIC, private insurers)

Unit II: Legal and Regulatory Framework of Insurance

Insurance Act, 1938 – key provisions, IRDAI: functions, powers, and regulatory role, Consumer Protection Act and insurance, Policyholder rights and grievance redressal, Key documents in insurance contracts: Proposal form, Cover note, Policy document, Endorsements, Contractual obligations and legal aspects of underwriting and claims

Unit III: Fire and Marine Insurance

Fire Insurance: Scope, standard fire and special perils policy, exclusions, claims process, Marine Insurance: Types – Cargo, Hull, Freight, Marine policy types: Voyage, Time, Mixed Clauses in marine insurance (Institute Cargo Clauses), Risk assessment, underwriting, and loss minimization practices, Case studies: Industrial and commercial claims in fire and marine insurance

Unit IV: Life Insurance and Motor Insurance

Life insurance: Term, Endowment, ULIP, Whole Life, Annuities, Riders and policyholder options, Motor insurance: Third-party liability and comprehensive coverage, Motor Vehicles Act provisions related to insurance, Claims process in life and motor insurance, Fraud detection and technology adoption (e-KYC, telematics)

Unit V: Liability and Emerging Trends in Insurance

Liability insurance: Professional liability, product liability, employer's liability, Group insurance schemes and bancassurance, Health and microinsurance – Ayushman Bharat, PMFBY, Digital transformation in insurance: InsurTech, AI in underwriting, Blockchain for claims IRDAI's sandbox initiative and emerging innovations, Career paths in insurance domain for tech roles (claims automation, policy administration systems)

Text Book

1. Insurance and Risk Management by P. K. Gupta, second edition, HPH.

Reference Books

1. Principles of Insurance, by Dr. (Ku.) Shakti Prathaban and Dr. N.P. Dwivedi , HPH
2. Banking Risk and Insurance Management by N R Mohan Prakash, Vikas Publication

Syllabus for Semester VI, Master of Business Management
(Multidisciplinary Minor in Banking, Financial Services, and Insurance (BFSI))

Course Code: 24SM01TH0601

Course: Fintech

L: 3 Hrs. P: 0 Hrs. Per week

Total Credits: 3

Course Objective:

This course aims to familiarize students with the FinTech ecosystem, covering key trends, regulatory frameworks, and emerging business models. It develops an understanding of digital payments, alternative finance, and enabling technologies like AI and blockchain. Students will also gain insights into cybersecurity and regulatory technologies to prepare for roles in the evolving financial technology sector.

Course Outcomes:

CO1: Understand the evolution, key players, and regulatory bodies (RBI, SEBI) in FinTech, and understand how start-ups are driving innovation globally.

CO2: Explain the functioning of modern digital payment methods, including digital and cryptocurrencies, and their influence on new commerce models.

CO3: Analyze alternative finance options like crowdfunding, P2P lending, and ICOs, and understand how digitization is reshaping financial services.

CO4: Explore core technologies such as AI, Blockchain, IoT, and Big Data, and their application in creating innovative FinTech products and services.

CO5: Demonstrate awareness of cybersecurity and RegTech frameworks, including India's digital identity infrastructure, and evaluate their significance in securing digital financial systems.

Unit I: Introduction: Fintech sector, Bank and emerging trends in a bank, Fintech start-ups and unicorns, Global Finscape. Role of RBI and regulatory bodies (RBI sandbox, NPCI, SEBI)

Unit II: Payments and Remittance: Creation of money, payment instruments, contemporary payment methods, Digital currencies, crypto currencies, next-generation commerce, case study

Unit III: Digital Finance and Alternative Finance : Introduction – Brief History of Financial Innovation – Digitization of Financial Services - FinTech & Funds- Crowd funding– Regards, Charity and Equity - P2P and Marketplace Lending – New Models and New Products – ICO.

Unit III: Fintech Technologies and Solutions: AI and ML, Big Data, IoT, Blockchain and Distributed Ledger, Cloud computing, Fintech solutions, case study

Unit IV: Cybersecurity and Regtech: Unique Identification System in India, Cybersecurity, Regulation Technologies, case study

Text Book:

1. FinTech Future by Sanjay Phadke, Sage Publications.

Reference Books:

1. The FinTech Book by Susanne Chisti and Janos Barberis, Wiley Publishing.
2. FinTech in a Flash: Financial Technology Made Easy by Agustin Rubini, Kindle edition
3. The Book of Satoshi: The Collected Writings of Bitcoin Creator Satoshi Nakamoto by Phil Champagne, Kindle edition