



MCKV INSTITUTE OF ENGINEERING

NAAC Accredited "A" Grade Autonomous Institute under UGC Act 1956
 Approved by AICTE & affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal
 243 G.T. Road (N), Liluah, Howrah- 711204, West Bengal, India
 Ph: +91 33 26549315/17 Fax: +91 33 26549318 Web: www.mckvie.edu.in/

Detailed Curriculum for Undergraduate Degree BBA Programme (w.e.f. AY: 2025-26)

Part VI: Detailed Curriculum

Course Name:	Organizational Behaviour		
Course Code:	BBA-MJ-301	Category:	Management Science Course
Semester:	Third	Credit:	4
L-T-P:	3-1-0	Pre-Requisites:	NIL
Full Marks:	100		
Examination Scheme:	Semester Examination: 70	Continuous Assessment: 25	Attendance: 05

Course Objectives:

1	To study the fundamental concepts of Organizational Behavior
2	To understand the impact of individual and group behavior on organizational effectiveness
3	To learn about the motivation and leadership influence on behavior and Performance.
4	To learn about the Group Dynamics of people management and conflict management
5	To understand the diverse work culture and essence of Quality Work Life in an Organization.

Course Contents:

Module No.	Description of Topic	Contact Hrs.
1	Introduction to Organizational Behaviour: Management and Organizational Behaviour, Theories of Management, Major Behavioral Sciences that contribute to Organizational Behaviour- Psychology, Sociology, Socio-Psychology, Political Science, Anthropology, Organizational structure, Dynamics of People and Organization, Hawthorne studies, Challenges and opportunities in Organizational Behaviour.	8L
2.	Perception, Attitude, Personality, Learning, & Motivation: Perception-Motivation and Perception, Meaning, Need of Perceptual Process, Factors influencing Perceptual process, self-concept, and self-esteem. Attitudes & Beliefs, and Attitude formation. Personality Determinants of personality, Type A and Type B personality. Reinforcement theory, Organisational Learning Process. Motivation-Motivation and Behaviour, Theories of Motivation, Values.	8L



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3.	Group Dynamics and Stress Management: Group Dynamics- Team & Group difference, Group Effectiveness, Formal & Informal Group, Stages of Group Development, Group Decision-making, Intergroup Relations and Conflict, Stress Management, Behaviour, Sources of Stress, Consequences of Stress, and Performance.	8L
4.	Leadership, Conflict Management and Power & Politics: Leadership- Introduction and characteristics of Leadership, Formal and Informal leadership, Theories of Leadership, Conflict Management of Conflict, Sources of Organizational Conflict, Modes of Conflict Resolution, Conflict Management, Power & Politics-Difference between Influence, Power & Authority, Sources of power, Organizational Politics, Machiavellianism, Ethics of Power and Politics in Organizations.	8L
5.	Organization Development and Culture: Organizational Change, Resistance to change, Steps for planned change, Quality Work Life, Organization Development Objectives and Interventions, Organization Climate and Organizational Effectiveness, and Managing Organizational Culture.	8L
Total		40L

Course Outcomes:

After completion of the course, students will be able to:

1	This course covers the basic history of management and its relation to Organizational Behaviour.
2	It talks about how individual and group behavior, i.e., Group dynamics, affect the efficiency and effectiveness of an organization.
3	It also entails the theories of Motivation and Leadership and how to keep a Quality Work-Life balance as a part of Organizational Culture and Climate.
4	This course emphasizes Conflict and Stress Management in the workplace for better Decision-making.

Learning Resources:

1	Uma Sekaran, Organisational Behavior, Tata McGraw-Hill
2	John W Newstrom, Organisational Behavior, Tata McGraw-Hill
3	Stephen P. Robbins, Timothy A. Judge, Niharika Vohra (18th ed.), Pearson Education, New Delhi
4	L. M. Prasad, Organisational Behavior, Sultan Chand & Sons

Corresponding NPTEL/SWAYAM Courses:

Sl. No.	Course Name	Instructor Name	Host Institute
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1	Organizational Behaviour	Dr. Susmita Mukhopadhyay	IIT Kharagpur
	Course Link: https://nptel.ac.in/courses/110105033		
2	Organizational Behaviour,	Prof. M. P. Ganesh	IIT Hyderabad
	Course Link: https://nptel.ac.in/courses/110106145		

Course Name:	FINANCIAL MANAGEMENT		
Course Code:	BBA-MJ-302	Category:	Management Science Course
Semester:	Third	Credit:	4
L-T-P:	3-1-0	Pre-Requisites:	The basic concept of Finance
Full Marks:	100		
Examination Scheme:	Semester Examination: 70	Continuous Assessment: 25	Attendance: 05

Course Objectives:	
1	To introduce students to the core concepts, scope, and functions of financial management
2	Equip Students with Skills for Financial Statement Preparation and Analysis
3	Enhance Decision-Making Abilities in Financing and Investment
4	Introduce Advanced Concepts in Working Capital and Financial Risk Management

Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Introduction, Analysis and Interpretation of Corporate Final Accounts: Concepts, Nature, Scope, Function and Objectives of Financial Management, Time Value of Money, Risk and Return, Preparation of cash flow statement as per Accounting Standard and its Analysis	10
2.	Financing Decision: Capital structure, Cost of capital and valuation, Design capital structure, Leverage analysis: Develop the concept of Leverage in Finance. Computation and inference of the degree of operating leverage. Financial Leverage and Combined Leverage	10
3.	Investment Decision: Analysis of risk and uncertainty. Concept and computation of the time value of money. DCF and non-DCF methods of Investment appraisal. Project selection based on investment decisions. Valuing investment proposals for decision making. Capital rationing	10
4.	Management of working capital: Concepts, components. Determinants and the need for working capital. Computation of working capital for a company.	10



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Total	40L
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Course Outcomes:	
After completion of the course, students will be able to:	
1	Interpret the conceptual framework on finance, function, and objectives.
2	Demonstrate corporate final accounts and cash flow statements in the business growth model.
3	Utilise financing and investment decisions considering discounting and non-discounting factors
4	Examine the importance of working capital management and risk management.

Learning Resources:	
1	Khan, M.Y. & Jain, P.K. Financial management: Text, Problems and cases. McGraw-Hill Education
2	IM Pandey, Financial Management – By Pearson
3	Chandra P. Financial Management – Tata McGraw–Hill Education
4	Bhalla, V.K. Financial Management. S Chand Publishing
5	Banerjee. B Fundamentals of financial management. PHI Learning Pvt.Ltd.

Corresponding NPTEL/SWAYAM Courses:			
Sl. No.	Course Name	Instructor Name	Host Institute
1	Financial Management For Managers,	Prof. Anil K. Sharma	IIT Roorkee
	Course Link: https://nptel.ac.in/courses/110107144		

Course Name:	MANAGEMENT INFORMATION SYSTEM		
Course Code:	BBA-MI-303	Category:	Information Technology Course
Semester:	Third	Credit:	4
L-T-P:	4-0-0	Pre-Requisites:	The basic concept of IT
Full Marks:	100		
Examination Scheme:	Semester Examination: 70	Continuous Assessment: 25	Attendance: 05

Course Objectives:	
1	To understand and asses the importance of information and its role in business
2	To develop data analyzing skills in students to evaluate information and the tools used for information processing.



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3	To imbibe theoretical knowledge of MIS in the students and prepare the students technological competitive and make them ready to self-upgrade with the higher technical skills, either in their post-graduation program or in the work place.
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Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Management Information System; Basic Concepts – Organization Structure – Business Functions – Role of MIS – MIS in Business - MIS Developing Process Models - Simon’s Model in Information System – Major Trends in Information Technology.	8
2.	Managerial Decision Making; Decision Making Process – Relationship between Decision-Making and MIS –Group Decision Making - Integrating Managerial Levels and Functional areas by MIS-Components of MIS. System and Design; Systems Development Initiate	8
3.	Different Methodologies – System Life Cycle Design - Prototype Approach - System Implementation.	8
4.	Decision Support System; Definitions of DSS – Architecture of DSS - Scope of DSS - Characteristic and Capabilities of DSS - Components of DSS – Modules in DSS- Classification of DSS – Steps in Designing a DSS	8
5.	Database Management System; Sources of Data – Architecture of Database Management System - Data Models – Implementation - DGMS.	8
Total		40L

Course Outcomes:	
After completion of the course, students will be able to:	
1	Understand the information needs of an organization and a business function
2	Evaluate effectiveness of decision making process and identify its tools
3	Understand DSS techniques for making effective decisions
4	A Design parameters for MIS application, for data analysis uses

Learning Resources:	
1	Jawadekar, Management Information System, Tata McGraw Hill, 2008, 7th Edition, New Delhi.
2	Arora, Management Information System, Excel Books, 2010, 4th Edition, New Delhi.
3	C.S.V. Murthy, Management Information System, Himalaya Publishing House, 2011, 11 Edition, Mumbai
4	G. V. Satya Sekhar, Management Information



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Corresponding NPTEL/SWAYAM Courses:			
Sl. No.	Course Name	Instructor Name	Host Institute
1	Management Information System	Prof. Kunal Kanti Ghosh, Prof. Saini Das, Prof. Surojit Mukherjee	IIT Kharagpur
	Course Link: https://nptel.ac.in/courses/110105148		
2	Management Information System	Prof. Biswajit Mahanty	IIT Kharagpur
	Course Link: https://nptel.ac.in/courses/122105022		

Course Name:	Values and Ethics		
Course Code:	BBA-IDC-303	Category:	Management Science Course
Semester:	Third	Credit:	3
L-T-P:	3-0-0	Pre-Requisites:	NIL
Full Marks:	100		
Examination Scheme:	Semester Examination: 70	Continuous Assessment: 25	Attendance: 05

Course Objectives:	
1	To inculcate the philosophy of Life, personal value, social value, mind cultural value and personal health
2	To make them aware the professional ethical values, codes of ethics, responsibilities, safety, rights and related global issues.

Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Introduction: Values-Concept, types and formation of values, ethics, values and behaviour, Values of Indian Managers, Ethics, development of ethics, ethical decision making and decision making process, relevance of ethics and values in business. Management of Ethics: Management process and ethics, managerial performance, ethical issues, ethos of Vadanta in management, Hierarchism as an organizational value.	8
2.	Corporate Social Responsibility & Consumer Protection:	7



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	Corporate responsibility of business: employees, consumers and community, Corporate Governance, Code of Corporate Governance, Consumerism, unethical issues, in sales, marketing and technology.	
3.	Understanding Progress, Results & Managing Transforming: Progress and Results definition, functions of progress, transformation, need for transformation, process & challenges of transformation. Understanding Success: Definitions of success, Principles for competitive success, prerequisites to create blue print for success. Successful stories of business gurus.	7
4.	Knowledge and Wisdom: Meaning of knowledge and wisdom, difference between knowledge and wisdom, knowledge worker versus wisdom worker, concept of knowledge management and wisdom management, wisdom based management. Stress Management: Meaning, sources and consequences of stress, stress management and detached involvement. Concept of Dharma & Karma Yoga: Concept of Karama and kinds of Karam Yoga, Nishkam Karma, and Sakam Karma. Total quality management, Quality of life and quality of work life.	8
Total		30L

Course Outcomes:

After completion of the course, students will be able to:

1	To learn about philosophy of Life and Individual qualities and practice social values and responsibilities
2	To learn more of Responsibilities and Rights as Professional and facing Global Challenges
3	To learn more of Risk and Safety assessment with case studies.

Learning Resources:

1	Stephen H Unger, Controlling Technology: Ethics and the Responsible Engineers, John Wiley & Sons, New York 1994 (2nd Ed)
2	Deborah Johnson, Ethical Issues in Engineering, Prentice Hall, Englewood Cliffs, New Jersey 1991
3	A N Tripathi, Human values in the Engineering Profession, Monograph published by IIM, Calcutta, 1996

Corresponding NPTEL/SWAYAM Courses:

Sl. No.	Course Name	Instructor Name	Host Institute
1	Moral Thinking: An Introduction to Values and Ethics	Prof. Vineet Sahu	IIT Kanpur



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	Course Link: https://nptel.ac.in/courses/109104206
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Course Name:	INDIAN CONSTITUTION		
Course Code:	BBA-AEC-303	Category:	Humanities Course
Semester:	Third	Credit:	2
L-T-P:	2-0-0	Pre-Requisites:	NIL
Full Marks:	100		
Examination Scheme:	Semester Examination: 70	Continuous Assessment: 25	Attendance: 05

Course Objectives:	
1	To have basic knowledge about the Indian Constitution.
2	To understand the structure and functioning of the union, state, and local self-government.
3	To understand the structure, jurisdiction, and function of the Indian judiciary.

Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Indian Constitution: Sources and constitutional history, Features: Citizenship, Preamble, Fundamental Rights and Duties, Directive Principles of State Policy	5
2.	Union government and its administration: Structure of the Indian Union: Federalism, Centre- State relationship, President: Role, power and position, PM and Council of ministers, Cabinet and Central Secretariat, Lok Sabha, Rajya Sabha. State government and its administration: Governor: Role and Position, CM and Council of Ministers, State Secretariat: Organisation, Structure and Functions	5
3.	Supreme Court: Organization of the Supreme Court, procedure of the court, independence of the court, jurisdiction and power of the Supreme Court. High court: Organization of the high court, procedure of the court, independence of the court, jurisdiction, and power of the supreme court. Subordinate courts: constitutional provision, structure, and jurisdiction. National Legal Services Authority, Lok Adalats, family courts, and gram nyayalayas. Public interest litigation (PIL): meaning of PIL, features of PIL, scope of PIL, principle of PIL, guidelines for admitting PIL	5
4.	Local Administration: District's Administration head: Role and Importance, Municipalities: Introduction, Mayor and role of Elected Representative, CEO of Municipal Corporation, Pachayati raj: Introduction, PRI: Zila Pachayat, Elected officials and their roles, CEO Zila Pachayat: Position and role, Block level: Organizational Hierarchy (Different departments), Village level: Role of Elected and Appointed	5



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	officials, Importance of grass root democracy.	
Total		20L

Course Outcomes:

After completion of the course, students will be able to:

1	Different features of the Indian constitution..
2	Power and functioning of the Union, state, and local self-government.
3	Structure, jurisdiction, and function of the Indian Judiciary.
4	Basics of PIL and guidelines for admission of PIL
5	Functioning of local administration, starting from the block to the Municipal Corporation.

Learning Resources:

1	Indian polity, M Laxmikanth, Hill education, 5th Edition.
2	DD Basu, “ Introduction to the constitution of India”, 21st Edition, Lexis Nexis Books Publication ltd, India

Corresponding NPTEL/SWAYAM Courses:

Sl. No.	Course Name	Instructor Name	Host Institute
1	Introduction to Indian Constitution	Prof. Priyanka Mathur, Dr. Amrita Purkayastha, Dr. Sneha Yadav	JAIN (Deemed to be University), Bangalore,
	Course Link: https://onlinecourses.swayam2.ac.in/e-learning/preview/imb26_mg151		

Course Name:	PROGRAMMING FUNDAMENTALS WITH C		
Course Code:	PE-BBA-SEC-303	Category:	Information Technology Course
Semester:	Third	Credit:	2
L-T-P:	2-0-0	Pre-Requisites:	The basic concept of a Computer
Full Marks:	100		
Examination Scheme:	Semester Examination: 70	Continuous Assessment: 25	Attendance: 05

Course Objectives:

1	To provide students with fundamental knowledge of computer systems, hardware, software, and operating systems.
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2	To introduce students to basic programming concepts and problem-solving techniques using algorithms and flowcharts.
3	To develop understanding of programming constructs in C language, including variables, operators, control structures, and functions.
4	To familiarize students with advanced programming concepts such as arrays, pointers, structures, and file handling.
5	To help students understand program design, debugging techniques, and structured programming principles.

Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Computer fundamentals: Computing systems, hardware & software, architecture & organization history, von Neumann architecture, memory, processor, I/O, data vs information, bit & byte, number systems (binary, octal, hexadecimal), 1's and 2's complement arithmetic, digital logic gates, BIOS, booting, application software, system software, operating systems, program and process, introduction to programming languages (Pascal, FORTRAN, BASIC).	4
2.	Programming Method: Debugging concepts, macro, user-defined header files, user-defined library functions, make file concept.	2
3.	General problem-solving concepts: Algorithm and flowchart, sequential logic structure, decision making, loops, time and space complexity, introduction to imperative language (ANSI C), variables, data types and sizes, constants, declarations, arithmetic, relational and logical operators, type conversion, increment & decrement operators, bitwise operators, assignment operators, expressions, operator precedence, variable naming conventions, Hungarian notation.	4
4.	Control flow concepts: If-Else statements, Switch statements, loops (while, do-while, for), break & continue, goto labels, structured and unstructured programming, functions, parameter passing, recursion, storage classes, scope rules, block structures, arrays, pointers, pointer arithmetic, character pointers, multidimensional arrays, command line arguments, pointer to functions.	3
5.	Structures and Input/Output: Structures, arrays of structures, pointers to structures, self-referential structures, typedef, unions, bit fields, standard input/output functions (printf, scanf), file handling concepts (FILE, fopen, stdin, stdout, stderr), error handling, line I/O functions, introduction to VDU basics, mouse programming, C-assembly overview.	3
6	Algorithms and flowcharts for problems like GCD, structured program design, parameter passing concepts, command line arguments, pointer to functions, user header files, make file utility, multi-file programs, user-defined libraries, substring searching algorithms.	4



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Total	20L
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Course Outcomes:	
After completion of the course, students will be able to:	
1	Explain the basic concepts of computer architecture, hardware, and software systems.
2	Understand the principles of algorithm design and problem-solving techniques.
3	Describe the syntax and constructs of the C programming language.
4	Analyze programming concepts including control structures, functions, arrays, pointers, and structures.
5	Understand concepts of file handling, debugging, and structured programming.

Course Name:	PROGRAMMING FUNDAMENTALS WITH C Lab		
Course Code:	PE-BBA-SEC-393	Category:	Information Technology Course
Semester:	Third	Credit:	1
L-T-P:	0-0-2	Pre-Requisites:	The basic concept of a Computer
Full Marks:	100		
Examination Scheme:	Semester Examination: 60	Continuous Assessment: 35	Attendance: 05

Course Objectives:	
1	To develop practical skills in writing, compiling, and executing C programs.
2	To enable students to apply algorithms and flowcharts to solve programming problems.
3	To train students in using control statements, functions, arrays, and pointers in real programs.
4	To provide hands-on experience in structures, file handling, and user-defined functions in C.
5	To enhance students' ability to debug programs and develop structured multi-file programs.

Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Basic computer operations, understanding hardware components, OS navigation, file management, introduction to programming environment, simple number system conversions using programs or exercises.	3
2.	Practice debugging programs, creating macros, writing simple header files, creating user-defined functions and libraries, basic make file execution	3



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3.	Writing algorithms and flowcharts for basic problems, implementing C programs using variables and operators, performing arithmetic operations, conditional statements and basic loops in C.	4
4.	C programming exercises using control statements, functions, recursion, arrays and pointers, passing parameters to functions, pointer-based programs, command line argument programs.	3
5.	Programs using structures, unions, file handling in C, formatted input/output programs, error handling examples, simple file read/write programs.	3
6	Writing C programs for GCD and other algorithms, implementing command line argument programs, creating multi-file programs, using user-defined libraries and header files, substring searching programs.	4
Total		20P

Course Outcomes:

After completion of the course, students will be able to:

1	Develop simple C programs using variables, operators, and expressions.
2	Implement control structures such as conditional statements and loops to solve problems.
3	Write programs using functions, arrays, and pointers.
4	Design programs using structures, file handling, and command-line arguments.
5	Debug, test, and execute structured C programs and multi-file programs.

Learning Resources:

1	Herbert Schildt, "C: The Complete Reference", Fourth Edition, McGraw-Hill.
2	B. Gottfried, "Programming in C", Second Edition, Schaum Outline Series.
3	R.S. Salaria, "Problem Solving and Programming in C", Khanna Publishing House
4	B. W. Kernighan and D. M. Ritchie, The 'C Programming Language', Second Edition, PHI.
5	Yashavant Kanetkar, "Let Us C", BPB Publications.

Corresponding NPTEL/SWAYAM Courses:

Sl. No.	Course Name	Instructor Name	Host Institute
1	Art of C Programming	Dr. Lajish V. L.	Department of Computer Science, University of Calicut
	Course Link: https://onlinecourses.swayam2.ac.in/e-learning/preview/cec26_cs09		



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2	Programming in Modern C++	Prof. Partha Pratim Das	IIT Kharagpur
	Course Link: https://onlinecourses.nptel.ac.in/noc26_cs52/preview		

Course Name:	Financial Modelling and Forecasting		
Course Code:	BBA-CVAC-304	Category:	Finance
Semester:	Fourth	Credit:	1
L-T-P:	1-0-0	Pre-Requisites:	The basic concept of Managerial Finance
Full Marks:	100		
Examination Scheme:	Semester Examination:70	Continuous Assessment:25	Attendance:05

Course Objectives:	
1.	To become well-versed in intermediate-level Microsoft Excel functions for financial modeling.
2.	To analyze, understand, and interpret the performance of companies through their financial statements
3.	To identify revenue and cost drivers and start forecasting data.
4.	To build scenarios for financial modelling
5.	To develop financial models from scratch without using readymade templates.

Course Contents:		
Module No.	Description of Topic	Contact Hrs.
1.	Introduction to Financial Modelling: Definition and importance of financial modeling, overview of Excel for financial modeling, types of financial models (valuation, budgeting, forecasting), basic Excel tools and shortcuts	5
2	Intermediate-level Excel for Financial Modelling: Formatting of Excel sheets, use of Excel formula functions, advanced modelling techniques, extrapolation and histogram	5
3.	Analysis of Financial Statements: Introduction to financial statement analysis, financial reporting mechanics, understanding Income Statement, Balance Sheet, Cash Flow Statement, financial analysis technique	5
4.	Financial Ratios: Ratio analysis of industries, Du Pont analysis, preparation of financial analysis report	5
5.	Business Finance: Time value of money, long-term financing, cost of capital, measures of leverage, project finance, project evaluation, stages of project, costs during investment phase, life of project, decision making	5



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6.	Risk Management: Risk analysis in project appraisal, simulation in project appraisal, valuation concepts, determination of value drivers, discounted cash flow valuation, risk analysis in valuation	5
Total		10L

Course Outcomes:

After completion of the course, students will be able to:

1.	The student should be comfortable working in Excel.
2.	The student should be able to use various financial and other Excel tools.
3.	Introduction to the various modeling techniques.
4.	Prepare reports and interpret data using Excel.
5.	Prepare the financial statements using Excel.

Course Name:	Financial Modelling and Forecasting Lab		
Course Code:	BBA-CVAC-394	Category:	Finance
Semester:	Fourth	Credit:	2
L-T-P:	0-0-4	Pre-Requisites:	The basic concept of Managerial Finance and excel
Full Marks:	100		
Examination Scheme:	Semester Examination:60	Continuous Assessment:35	Attendance:05

Course Objectives:

1.	To develop practical skills in using Excel for financial modelling and financial analysis.
2.	To familiarize students with Excel tools, formulas, and data analysis techniques used in financial decision-making
3.	To enable students to prepare and analyze financial statements using Excel.
4.	To train students in financial ratio analysis and industry financial reporting.
5.	To introduce financial modelling concepts such as time value of money, cost of capital, and project evaluation.
6.	To develop the ability to perform risk analysis and financial simulations using Excel

Course Contents:

Module No.	Description of Topic	Contact Hrs.
1.	Practice basic Excel tools and shortcuts used in financial modelling	2
2.	Excel formatting, formulas and functions, advanced modelling techniques, data filtering and sorting, charts and graphs, table formulas, scenario building, lookups (VLOOKUP, MATCH, OFFSET), pivot tables	4
3.	Preparing financial statements in Excel, analysis of income statement, balance sheet and cash flow statement, financial statement applications	4



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4.	Calculation of financial ratios in Excel, performing Du Pont analysis, and preparing a financial analysis report for an industry	4
5.	Excel calculations for time value of money, cost of capital, leverage analysis, project finance modelling and project evaluation	4
6.	Excel-based risk analysis, simulation in project appraisal, valuation modelling and risk assessment	2
Total		40P

Course Outcomes:

After completion of the course, students will be able to:

1.	Apply basic Excel tools, shortcuts, and formatting techniques in financial modelling.
2.	Use Excel formulas, functions, lookups, pivot tables, and charts for financial data analysis
3.	Prepare and analyze financial statements such as the Income Statement, Balance Sheet, and Cash Flow Statement using Excel.
4.	Perform financial ratio analysis and Du Pont analysis to evaluate the financial performance of an industry.
5.	Develop financial models for time value of money, cost of capital, leverage, and project evaluation
6.	Conduct risk analysis and financial simulations in Excel to support business decision-making.

Learning Resources:

1	Financial Modelling by Simon Benninga
2	Financial Modelling by Paul Pignataro
3	Alastair Day, Mastering Financial Modeling in Microsoft Excel; Pearson, India Edition
4	Building Financial Models, John Tjia, McGraw-Hill
5	Danielle Stein Fairhurst, Using Excel for Business Analysis, Wiley Finance

Corresponding NPTEL/SWAYAM Courses:

Sl. No.	Course Name	Instructor Name	Host Institute
1	Financial Econometrics	Prof. Md Zulquar Nain	Aligarh Muslim University
	Course Link: https://onlinecourses.swayam2.ac.in/e-learning/preview/ini26_hs30		