STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (November 2024 – April 2025)

Department : Commerce (Accounting & Finance)

Name/s of the Faculty : Ms. R. Pavithra

Course Title : Corporate Accounting and Restructuring

Course Code : 23AF/MC/CR44

Shift : II

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Recall statutory provisions relating to corporate accounting	K1
CO2	Understand concepts and principles of Corporate Accounting	K2
CO3	Examine financial consequences of various corporate reconstruction strategies	K3
CO4	Analyze financial statements to assess a company's liquidity, solvency and profitability.	K4
CO5	Evaluate the financial position of the company	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods

Nov 18 – 25, 2024 (Day Order 1-6)	Unit 2	Holding Company Accounts Calculation of Minority Interest, Capital Profits and Cost of Control	K1 – K5	5	1-5	Lecture and Problem solving	Quiz/Home Assignment
Nov 26- Dec 3, 2024 (Day Order 1 to 6)	Unit 2	Holding Companies Preparation of Consolidated Balance Sheet, Dividend received and bonus shares	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment
Dec 4-11, 2024 (Day Order 1 to 6)	Unit 1	Valuation of shares and goodwill Meaning, need and factors	K1 – K2	5	1-2	Lecture and Problem solving	Quiz/Home Assignment
Dec 12-19, 2024 (Day Order 1 to 6)	Unit 1	Valuation of shares – Intrinsic value, yield value, earning capacity and fair value	K1 – K5	5	1-2	Problem solving	Quiz/Home Assignment
Dec 20, 2024 (Day Order 1)	Unit 1	Valuation of Goodwill – Average profits, super profits, capitalization of super profit, annuity method	K1 – K5	1	1-2	Problem solving	Quiz/Home Assignment
Jan 3 – 7, 2025 (Day Order 3 to 6)	Unit 4	Internal Reconstruction – Alteration of share capital – types- accounting procedure	K1 – K2	5	1-5	Lecture and Problem solving	Quiz/Home Assignment
Jan 8 – 17, 2024	Unit 4	Internal Reconstruction – Alteration of share	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment

(Day Order 1 to 6)		capital – types-accounting procedure					
Jan 18 - 23, 2025	**C.A. Test - I**						
Jan 24 -31, 2025 (Day Order 1 to 6)	**Unit 4**	Internal Reconstruction – Alteration and Reduction of share capital, Surrender, and forfeiture	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment
Feb 3-8, 2025 (Day Order 1 to 6)	**Unit 3**	External Reconstruction – Calculation of Purchase consideration, Accounting entries	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment
Feb 10– 18, 2025 (Day Order 1 to 4)		Amalgamation - Accounting entries and preparation of balance sheet	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment
Feb 19- 26, 2025 (Day Order 1-6)	**Unit 3**	Absorption -Accounting entries and preparation of balance sheet	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment
Feb 27- Mar 6, 2025 (Day Order 1 to 6)	**Unit 3**	Absorption -Accounting entries and preparation of balance sheet	K1 – K5	5	1-5	Problem solving	Quiz/Home Assignment
Mar 7 – 11, 2025 (Day Order 1 to 3)	**Unit 3**	External Reconstruction- Accounting entries and preparation of balance sheet	K1 – K5	3	1-5	Problem solving	Quiz/Home Assignment
Mar 12 –17, 2025	**C.A. Test - II**						

Mar 18 – 20, 2025 (Day 4 to 6)	**Unit 5**	Winding up of company – Preparation of Statement of Affairs	K1 – K5	3	1-5	Lecture and Problem solving	Home Assignment
Mar 21 - 28, 2025 (Day Order 1 to 6)	**Unit 5**	Liquidator's final statement of account	K1 – K5	5	1-5	Problem solving	Home Assignment
Mar 29- April 2, 2025 (Day Order 1 to 3)	**REVISION**						

.

OTHER COMPONENT:

- Problem solving method- Objective test in Holding Companies– December 12, 2024– 30 Marks
- Experiential method – Case study assignment submission on Amalgamation of Companies and Insolvency and Bankruptcy Code – February 19, 2025- 20 Marks

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI
COURSE PLAN (November 2024 – April 2025)

Department   : **Commerce (Accounting & Finance)**

Name/s of the Faculty : **Ms. R. Pavithra, Dr. Kristin Marian Martin**

Course Title   : **Banking and Insurance**

Course Code   : **23AF/MC/BI43**

Shift   : **II**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Understand the concepts and practices of banking and insurance.	K1, K2
CO2	Identify the recent developments in financial services.	K3
CO3	Analyse the final accounts of bank and insurance companies.	K4
CO4	Demonstrate skills and competencies required to be employed in banking and insurance companies.	K5
CO5	Demonstrate practical knowledge in the fields of banking and insurance.	K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Nov 18 – 25, 2024 (Day Order 1-6)	**Unit 1**	**Introduction**	K1 – K6	4	1-5	Lecture	Quiz/Class discussion

		1.1 Meaning, Definition and Developments of commercial banking 1.2 Banking Functions and Services – Fund Based & Fee Based					
Nov 26- Dec 3, 2024 (Day Order 1 to 6)	**Unit 1**	1.3 Banking Practices – Opening & Closing of Bank Accounts, Documents relating to Banking Transactions	K1 – K6	4	1-5	Lecture	Quiz/Class discussion
Dec 4-11, 2024 (Day Order 1 to 6)	**Unit 1** **Unit 2**	1.4 Negotiable Instruments – Cheque, Promissory Note, and Bills of exchange **Developments in Banking** 2.1 E- Banking – Meaning, Importance, Merits & Demerits	K1 – K6	4	1-2	Lecture	Quiz/Class discussion
Dec 12-19, 2024 (Day Order 1 to 6)	**Unit 2**	2.2 Internet Banking, Mobile Banking, Tele-Banking, Rural Banking and Retail Banking	K1 – K6	4	1-2	Lecture	Quiz/Class discussion
Dec 20, 2024 (Day Order 1)	**Unit 2**	2.3 Debit card, Credit card, ATM Card, Digital Wallet and Smart Card 2.4 Electronic Payment System – Electronic	K1 – K6	1	1-2	Lecture	Quiz/Class discussion

		Clearing Service and Electronic Fund Transfer					
Jan 3 – 7, 2025 (Day Order 3 to 6)	**Unit 3**	**Banking Company Accounts** 3.1 Treatment of Rebate on bills Discounted	K1 – K6	4	1-5	Lecture and Problem solving	Home Assignment
Jan 8 – 17, 2024 (Day Order 1 to 6)	**Unit 3**	3.2 Computation of Provision to be made for Advances	K1 – K6	4	1-5	Lecture	Home Assignment
Jan 18 - 23, 2025	**C.A. Test - I**						
Jan 24 -31, 2025 (Day Order 1 to 6)	**Unit 3**	3.3 Computation of Profit & loss account with Schedules	K1 – K6	4	1-5	Problem solving	Home Assignment
Feb 3-8, 2025 (Day Order 1 to 6)	**Unit 3**	3.4 Preparation of Balance Sheet	K1 – K6	4	1-5	Problem solving	Home Assignment
Feb 10– 18, 2025 (Day Order 1 to 4)	**Unit 4**	**INTRODUCTION TO INSURANCE** 4.1 Definition, Need, Functions & Principles 4.2 Types of Insurance Products – Life & General Insurance	K1 – K6	4	1-5	Lecture	Quiz/Class discussion
Feb 19- 26, 2025 (Day Order 1-6)	**Unit 4**	4.3 Intermediaries in Insurance Contracts and	K1 – K6	4	1-5	Lecture	Quiz/Class discussion

		Procedure for Settlement of Claims					
Feb 27- Mar 6, 2025 (Day Order 1 to 6)	**Unit 4**	4.4 Overview of Insurance Regulatory and Development Authority Act 1999	K1 – K6	4	1-5	Lecture	Quiz/Class discussion
Mar 7 – 11, 2025 (Day Order 1 to 3)	**Unit 5**	**INSURANCE COMPANY ACCOUNTS** 5.1 Accounts of General Insurance	K1 – K6	4	1-5	Problem solving	Home Assignment
Mar 12 –17, 2025	**C.A. Test - II**						
Mar 18 – 20, 2025 (Day 4 to 6)	**Unit 5**	5.2 Accounts of Life Insurance Companies	K1 – K6	3	1-5	Problem solving	Home Assignment
Mar 21 - 28, 2025 (Day Order 1 to 6)	**Unit 5**	5.2 Accounts of Life Insurance Companies	K1 – K6	4	1-5	Problem solving	Home Assignment
Mar 29- April 2, 2025 (Day Order 1 to 3)	**REVISION**						

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OTHER COMPONENT:

- Problem solving method - MCQ test on Unit 3 – 25 marks – February 18, 2025

- Participatory method - Group Presentation on Unit 2 – December 13, 2024 onwards - 25 marks

<table>
<tr><td colspan="3" align="center">STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI
COURSE PLAN (November 2024 – April 2025)</td></tr>
<tr><td>Department</td><td colspan="2">: Commerce (Accounting and Finance)</td></tr>
<tr><td>Name/s of the Faculty</td><td colspan="2">: Ms. Arokia Timple Manisha J</td></tr>
<tr><td>Course Title</td><td colspan="2">: CORPORATE LAW</td></tr>
<tr><td>Course Code</td><td colspan="2">: 23AF/MC/CL43</td></tr>
<tr><td>Shift</td><td colspan="2">: II</td></tr>
<tr><td colspan="3" align="center">COURSE OUTCOMES (COs)</td></tr>
<tr><td align="center">COs</td><td align="center">Description</td><td align="center">CL</td></tr>
<tr><td align="center">CO1</td><td>recall the basic concepts and legal principles of corporate law in formation of company</td><td>K1, K2</td></tr>
<tr><td align="center">CO2</td><td>apply the provisions in the legal proceedings of company practices</td><td>K3</td></tr>
<tr><td align="center">CO3</td><td>examine the legal issues and disputes in the corporate context using appropriate legal framework and precedents</td><td>K4</td></tr>
<tr><td align="center">CO4</td><td>appraise the impact of corporate law on different stakeholders, including shareholders, directors, and creditors</td><td>K5</td></tr>
<tr><td align="center">CO5</td><td>discuss corporate reorganization measures and valuation</td><td>K6</td></tr>
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Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Nov 18 – 25, 2024 (Day Order 1-6)	1.	1.1 Definition, Characteristics and Types	K1-K3	2	1-2	Presentation & Lecture	Case study
		1.2 Lifting of the Corporate Veil	K3-K6	2	2-5		
Nov 26- Dec 3, 2024 (Day Order 1 to 6)		1.3 Incorporation of a Company	K1-K6	2	1-5	Presentation & Lecture	Class discussion
		1.4 Memorandum of Association and Articles of Association	K1-K6	2	1-5		
Dec 4-11, 2024 (Day Order 1 to 6)		1.5 An overview of Ministry of Corporate Affairs -21	K1-K6	2	1-5	Presentation & Lecture	Class discussion
Dec 12-19, 2024 (Day Order 1 to 6)		1.5.1SPICe+ Forms	K1-K6	2	1-5	Presentation & Lecture	Class discussion
		1.5.2 Digital Signature	K1-K3	1	1-5		
Dec 20, 2024 (Day Order 1)	2.	**Raising of Capital** 2.1 Prospectus – Definition, Contents,	K1-K6	2	1-5	Presentation & Lecture	Class discussion
Jan 3 – 7, 2025 (Day Order 3 to 6)		2.1 Mis-statements in Prospectus and Consequences	K1-K6	1	1-5	Presentation & Lecture	Case Study / Class discussion
		2.2 Shares - Meaning, Nature and Types of Shares, Application and	K1-K5	3	1-4		

		Allotment, Transfer and Transmission of Shares					
Jan 8 – 17, 2024 (Day Order 1 to 6)		2.3 Debentures-Nature and Classes of Debentures	K1-K3	2	1-2	Presentation & Lecture	Class discussion
Jan 18 - 23, 2025	**C.A. Test - I**						
Jan 24 -31, 2025 (Day Order 1 to 6)	3.	**Management and Administration** 3.1 Board of Directors – Appointment, Removal, Powers, Duties and Liabilities	K1-K5	3	1-4	Presentation & Lecture	Class discussion
		3.2 Director Identification Number, Number of Directorship, Women Directors and Independent Directors	K1-K3	1	1-3		
Feb 3-8, 2025 (Day Order 1 to 6)		3.3 Appointment of Key Managerial Personnel; Managing and Whole-Time Directors, Manager, Chief Executive Officer, Chief Financial Officer and Company Secretary	K1-K6	3	1-5	Presentation & Lecture	Class discussion
		3.4 Meetings – Board and Committee Meeting, Requisites for a valid meeting	K1-K6	1	1-5		

Feb 10– 18, 2025 (Day Order 1 to 4)	3. 4.	3.5 Resolution – Types **Corporate Reorganization** 4.1 Introduction of Corporate Reorganization and Characteristics, Types of corporate restructuring strategies.	K1-K6 K1-K6	3 1	1-5 1-5	Presentation & Lecture	Class discussion
Feb 19- 26, 2025 (Day Order 1-6)		4.2 Corporate de-merger and divisions- Difference between de-merger and reconstruction	K1-3	2	1-2	Presentation & Lecture	Class discussion
Feb 27- Mar 6, 2025 (Day Order 1 to 6)		4.3 Financial defensive measures, coercive offensive defense, Anti-takeover amendments	K4	2	2	Presentation & Lecture	Class discussion
Mar 7 – 11, 2025 (Day Order 1 to 3)		4.4 Post merger re-organization: Accomplishment of objectives, Post-merger valuation, measuring post- merger efficiency	K3-K6	2	1-5	Presentation & Lecture	Class discussion
Mar 12 –17, 2025	**C.A. Test - II**						

Mar 18 – 20, 2025 (Day 4 to 6)	5.	**Winding Up** 5.1 Definition and purpose of winding up	K1-K2	2	1	Presentation & Lecture	Class Room Discussion
Mar 21 - 28, 2025 (Day Order 1 to 6)		5.2 Types - Voluntary winding up	K1-K6	2	1-5	Presentation & Lecture	Class Room Discussion
		5.2.1 Winding up subject to the supervision of the court	K3-K6		1-5		
		5.2.2 Overview of Insolvency and Bankruptcy code	K1-K4	2	1-3		
Mar 29- April 2, 2025 (Day Order 1 to 3)		**REVISION**					

Other Component:

● Problem solving method - Case Study as a group on unit 1 and 2 on February 6, 2025 (10 marks)

● Participatory learning method - Individual Assignment submission on "Women Directors on Corporate Boards" on March 10, 2025 (10 marks)

● Problem solving method - MCQ test on unit 3 and unit 4 on March 20, 2025 (30 marks)

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI
COURSE PLAN (November 2024 – April 2025)

Department   : Commerce (Accounting & Finance)

Name/S Of The Faculty   : Dr. Kristin Marian Martin

Course Title   : Financial Technology

Course Code   : 23AF/MC/FT43

Shift   : II

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Recall the concepts and need for financial technology	K1
CO2	Identify the need for regulations in financial technology	K2
CO3	Apply the principles and practices of financial technology	K3
CO4	Analyze trends in cryptocurrencies and block chain	K4
CO5	Elaborate the framework of financial technology and its utility in different fields	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Nov 18 – 25, 2024 (Day Order 1-6)	1	**Introduction to Financial technology:** 1.1 Meaning, characteristics and evolution of fintech 1.2 Fintech Transformation, Emerging sectors in Fintech, opportunities and challenges.	K1-K6 K1-K6	2 3	1-5 1-5	Lecture, PPT & Discussion	Quiz/Class activity
Nov 26- Dec 3, 2024 (Day Order 1 to 6)	1	1.3 Fintech and its various applications.	K1-K6	3	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Dec 4-11, 2024 (Day Order 1 to 6)	2	**Payments, Cryptocurrencies and Block Chain** 2.1 Introduction to Digital financial services.	K1-K6	3	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Dec 12-19, 2024 (Day Order 1 to 6)	2	2.2 Mobile Money-Regulations of Mobile money- SFM-RTGC-NEFT-NDS system	K1-K6	4	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Dec 20, 2024 (Day Order 1)	2	2.3 Cryptocurrencies-Legal and Regulatory implications of Cryptocurrencies, Bitcoin mining and security	K1-K6	3	1-5	Lecture, PPT & Discussion	Quiz/Class activity

Jan 3 – 7, 2025 (Day Order 3 to 6)	2	2.4 Blockchain-paper block, chain of blocks nodes and networks	K1 – K6	3	1-5	Lecture, PPT & Discussion	Class discussion
	3	**FinTech Regulation and RegTech** 3.1 Introduction - FinTech Regulations Evolution of RegTech, RegTech Ecosystem: Financial Institutions	K1 – K6	3	1-5	Lecture, PPT & Discussion	Class discussion
Jan 18 - 23, 2025		**C.A. Test - I**					
Jan 24 -31, 2025 (Day Order 1 to 6)	3	3.2 RegTech Ecosystem-Ensuring Compliance from the Start, Suitability and Funds, RegTech Startups	K1 – K6	3	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Feb 3-8, 2025 (Day Order 1 to 6)	3	3.3 RegTech Ecosystem: Regulators Industry, AI in Smart Regulation and Fraud Detection 3.4 Regulatory Sandboxes – Smart Regulation	K1-K6 K1-K6	3 2	1-5 1-5	Lecture, PPT & Discussion	Quiz/Class activity
Feb 10– 18, 2025 (Day Order 1 to 4)	4	**Digital Finance and Alternative Finance** 4.1 Introduction – Brief History of Financial Innovation 4.2 Emerging technologies - AI and IoT, open banking and APIs	K1-K6 K1-K6	2 2	1-5 1-5	Lecture, PPT & Discussion	Quiz/Class activity

Feb 19- 26, 2025 (Day Order 1-6)	4	4.3 P2P lending, digital wallet, authenticated tracing, payment challenges and lending fraud.	K1-K6	4	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Feb 27- Mar 6, 2025 (Day Order 1 to 6)	4	4.4 Crowdfunding models-equity, rewards and donation	K1-K6	2	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Mar 7 – 11, 2025 (Day Order 1 to 3)	5	**Data & Technology** 5.1 Introduction - History of Data Regulation – Data in Financial Services	K1-K6	3	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Mar 12 –17, 2025	**C.A. Test - II**						
Mar 18 – 20, 2025 (Day 4 to 6)	5	5.2 Data Analytics in Finance	K1-K6	3	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Mar 21 - 28, 2025 (Day Order 1 to 6)	5	5.3 Methods of Data Protection: GDPR Compliance and Personal Privacy	K1-K6	4	1-5	Lecture, PPT & Discussion	Quiz/Class activity
Mar 29- April 2, 2025 (Day Order 1 to 3)	**REVISION**						

Other Component:

- Problem solving method - MCQ Test on Unit 2 on January 20, 2025 - 30 marks

- Participatory method - Individual Assignment submission on "Brief History of Financial Innovation" on February 10, 2025 - 20 marks

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STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (November 2024 – April 2025)

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Department	: Commerce (Accounting and Finance)
Name of the Faculty	: Ms. Divya S
Course Title	: Introduction to Financial Analytics and its Applications
Course Code	: 23AF/MC/FI45
Shift	: II

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	list the finance, qualitative and quantitative techniques and methodologies, based on machine learning concepts	K1
CO2	classify and assess the performance of financial models through the use of analytical methods and risk modeling techniques	K2
CO3	apply different financial analytics methods and use the appropriate techniques for specific data analysis tasks.	K3
CO4	analyze the accuracy and validity of financial analytics models, and assess the impact of data quality.	K4
CO5	design and implement financial analytics projects using financial analytics tools.	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Nov 18 – 25, 2024 (Day Order 1-6)	1	**Introduction to Business Analytics and Machine Learning**					
		1.1 Concept of analytics, Types of Analytics, Application fields - Marketing Analytics, Finance Analytics, HR Analytics, Operation Analytics	K1-K5	4	1-5	Lecture	Objective test
		1.2 Definition and Objectives of Machine Learning - Features and Components of Machine Learning - Types of Machine Learning – Supervised – Unsupervised – Reinforcement. Learning - Techniques and Predictive Models – Deployment of Solution – Strategic Solution	K1-K5	1	1-5	Lecture	Objective test
Nov 26- Dec 3, 2024	1	1.2 Definition and Objectives of Machine	K1-K5	2	1-5	Lecture	Objective test

(Day Order 1 to 6)		Learning - Features and Components of Machine Learning - Types of Machine Learning – Supervised – Unsupervised – Reinforcement. Learning - Techniques and Predictive Models – Deployment of Solution – Strategic Solution					Quiz
	2	**Financial Analytics** 2.1 Introduction – Importance & Types of Financial Analytics	K1-K5	3	1-5	Lecture and Practical Teaching	
Dec 4-11, 2024 (Day Order 1 to 6)	2	2.2 Fundamental Analysis – Technical Analysis	K1-K5	3	1-5	Lecture and Practical Teaching	Quiz
Dec 12-19, 2024 (Day Order 1 to 6)	2	2.3 Features and Component of Financial Analytics	K1-K5	2	1-5	Lecture and Practical Teaching	Quiz
		2.4 Financial Analytics and Data Analysis - Sales and Revenue Analytics – Profitability Analytics, Cash Flow Analytics, Risk Analytics – Credit Risk	K1-K5	2	1-5	Lecture and Practical Teaching	Quiz

		and Market Risk Analytics 2.5 Credit Ratings – Customer Attrition Analysis – GARCH Models	K1-K5	1	1-5	Lecture and Practical Teaching	Quiz
Dec 20, 2024 (Day Order 1)	2	2.5 Credit Ratings – Customer Attrition Analysis – GARCH Models	K1-K5	1	1-5	Lecture and Practical Teaching	Quiz
Jan 3 – 7, 2025 (Day Order 3 to 6)	3	**Analytics Methodology** 3.1 Introduction to Analytics Methodology, preparing objectives & identifying data requirements, Data Collection Understanding data, organization and source of data	K1-K5	3	1-5	Lecture	Group Activity
Jan 8 – 17, 2024 (Day Order 1 to 6)	3	**Analytics Methodology** 3.1 Introduction to Analytics Methodology, preparing objectives & identifying data requirements, Data Collection Understanding data,	K1-K5	2	1-5	Lecture and Practical Teaching	Group Activity

		organization and source of data					
		3.2 Types of Data Sources- Structured Vs Semi Structured Vs Unstructured data, Data Warehouse Vs Databases, Relational Database Vs Non-Relational Database, RDBMS Data structures, Columnar Data structures. Data Mining meaning, Association Rules and clustering, Decision trees, Random forests	K1-K5	3	1-5	Lecture and Practical Teaching	Group Activity
Jan 18 - 23, 2025	**C.A. Test - I**						
Jan 24 -31, 2025 (Day Order 1 to 6)	3	3.2 Data Mining meaning, Association Rules and clustering, Decision trees, Random forests	K1-K5	1	1-5	Lecture and Practical Teaching	Assignment
		3.3 Data preparation – Data Cleansing, Normalisation, Data preparation, Data	K1-K5	3	1-5	Lecture and Practical Teaching	Assignment

		Blending, Data Modelling, Evaluation & feedback					
		3.4 Importance of data quality, dealing with missing or incomplete data, Role of Data Scientist in Business & Society	K1-K5	1	1-5	Lecture and Practical Teaching	Assignment
Feb 3-8, 2025 (Day Order 1 to 6)	4	**Programming Languages for Data Analytics** 4.1 Programming Languages - Types of Programming language	K1-K5	5	1-5	Lecture and Practical Teaching	Group Project
Feb 10– 18, 2025 (Day Order 1 to 4)	4	4.2 Programming Languages used for Data Analytics - Excel, SQL, Python and R	K1-K5	4	1-5	Lecture and Practical Teaching	Group Project
Feb 19- 26, 2025 (Day Order 1-6)	4	4.3 Basics of SQL - Installation, Working in Command line with Create, Insert, Select Commands.	K1-K5	5	1-5	Lecture and Practical Teaching	Group Project
Feb 27- Mar 6, 2025	5	**Future Trends in Analytics**					

(Day Order 1 to 6)		5.1 Role of Artificial Intelligence in Business, Machine Intelligence, Competitive Intelligence, Text Mining	K1-K5	3	1-5	Lecture	Group Discussion
Mar 7 – 11, 2025 (Day Order 1 to 3)	5	5.2 Web Analytics (Web content mining, Web usage mining, Web structure mining),	K1-K5	3	1-5	Lecture	Group Discussion
Mar 12 –17, 2025	**C.A. Test - II**						
Mar 18 – 20, 2025 (Day 4 to 6)	5	5.3 Role of Intelligent Agents in Business	K1-K5	4	1-5	Lecture and Practical Teaching	Group Discussion
Mar 21 - 28, 2025 (Day Order 1 to 6)	5	5.4 Introduction to Web Scraping, Need and usage of web scraping. Web Scraping and Web Crawling.	K1-K5	3	1-5	Lecture and Practical Teaching	Group Discussion
		5.5 Ethical and Legal considerations in Financial Analytics.	K1-K5	2	1-5	Lecture and Practical Teaching	Group Discussion
Mar 29- April 2, 2025 (Day Order 1 to 3)	**REVISION**						

Other Component:

- Participatory learning method - Group project and presentation on Unit 1 and 3 – January 3, 2025 onwards – 30 marks

- Experiential learning method - Individual Assignment on Unit 5 – March 10, 2025. – 20 marks.