University of Kalyani

Department of Commerce
Kalyani – 741235
West Bengal

MASTER OF COMMERCE

CURRICULUM
on the basis of
National Education Policy, 2020 (NEP 2020)

With effect from 2026-2027 academic session

Approved in the PGBOS meeting held on February 24, 2026

Preamble

The Master of Commerce (M.Com.) programme at the University of Kalyani is designed to provide advanced knowledge, analytical skills, and professional competence in commerce, finance, and business studies. Rooted in academic excellence and contemporary relevance, the programme aims to develop a deep understanding of emerging trends in accounting, management, economics, and financial markets. It seeks to nurture critical thinking, research aptitude, and ethical decision-making, enabling students to address real-world business challenges with confidence and integrity.

The curriculum integrates theoretical foundations with practical applications, ensuring that learners gain exposure to modern tools, industry practices, and interdisciplinary perspectives. Emphasis is placed on fostering innovation, promoting sustainable business practices, and preparing graduates for diverse career opportunities in academia, industry, and entrepreneurship.

Guided by the University of Kalyani’s commitment to quality education and holistic development, the M.Com programme aspires to produce competent, responsible, and forward-looking professionals capable of contributing to national development and global economic progress.

About the Department of Commerce
University of Kalyani

The Department of Commerce at the University of Kalyani is a well-established academic unit, founded in 1978, within the Faculty of Arts & Commerce. The department specializes in Accounting & Finance. It maintains a computer laboratory and a departmental library. The department houses three classrooms, including a smart classroom.

The department offers M.Com., Ph.D. and D.Litt. programmes. For doctoral students, the coursework includes advanced research methodology and transdisciplinary issues in accounting and finance. So far, it has supervised 46 Ph.D. scholars and 1 D.Litt. scholar.

Through national and international seminars and special lectures, the department actively fosters intellectual exchange. It promotes rigorous academic training, combining theoretical coursework with empirical and applied aspects of Commerce.

The department aims to equip students with analytical rigour and practical insight in Commerce disciplines, particularly in finance. It strives to produce highly competent professionals and researchers who can address the evolving challenges of business, finance, and economic development.

Graduate Attributes

(Based on section 6.0 of UGC-C&CFPP)

Graduate Attributes: M.Com. Programme

1. Disciplinary Knowledge: Demonstrate advanced understanding of accounting, finance, management, marketing and other related interdisciplinary areas.
2. Critical Thinking and Analytical Ability: Apply analytical tools, logical reasoning and evidence-based judgement to solve business and financial problems.
3. Research and Inquiry Skills: Acquire competence in research methodologies, data analysis, report writing and the ability to conduct independent and original research.
4. Problem-Solving Skills: Identify, analyse and offer practical solutions to complex organisational, financial and economic issues.
5. Digital and Technological Competence: Use modern software, digital tools, ICT applications, data analytics and emerging technologies relevant to commerce and business.
6. Ethical and Professional Values: Demonstrate integrity, ethical conduct, accountability, and commitment to professional standards in business practices.
7. Communication Skills: Communicate effectively through written, oral, and digital media in academic, organisational and professional settings.
8. Teamwork and Leadership: Work collaboratively in diverse teams and show leadership qualities in decision-making and organisational tasks.
9. Entrepreneurial and Innovation Mindset: Exhibit creativity, entrepreneurial orientation, risk-taking ability and innovative thinking for business development.
10. Global and Multicultural Competence: Understand global business environments, international trade practices and cultural diversity in managerial decisions.
11. Lifelong Learning: Develop the ability to continuously learn, adapt and upgrade skills in response to changing business environments and career demands.

Programme Learning Outcomes (PLOs): M.Com. Programme

1. Demonstrate comprehensive and in-depth knowledge of finance, accounting, management and related interdisciplinary domains.
2. Apply advanced analytical frameworks, quantitative techniques and conceptual models to evaluate complex business, financial and economic problems.
3. Conduct independent research using appropriate research methodologies, data analysis tools and academic writing standards.
4. Identify intricate organisational and financial issues and propose effective solutions based on critical evaluation and empirical evidence.
5. Use modern digital platforms, ICT tools, accounting software, analytics applications and emerging technologies relevant to commerce and business.
6. Exhibit ethical responsibility, professional integrity and adherence to legal and regulatory frameworks in financial and business environments.
7. Communicate clearly and persuasively through written, oral and digital media in academic, business, and professional contexts.
8. Function effectively in diverse teams and demonstrate leadership, coordination, and managerial capabilities in organisational settings.
9. Apply innovative thinking, creativity and entrepreneurial skills to identify opportunities and develop sustainable business solutions.
10. Understand global business dynamics, multicultural environments and societal challenges, integrating these into professional decision- making.
11. Incorporate principles of social responsibility, environmental sustainability and ethical governance into business strategies.
12. Engage in continuous learning, skill enhancement, and professional development to adapt to evolving business and economic landscapes.

Master of Commerce (M.Com.)
Overview
Integrated Two Academic Sessions: Four Semester Course: NEP-2020 based Curriculum Framework
(*With effect from 2026-2027 academic session*)

Eligibility:	Bachelor's Degree (3-year UG or 4-year UG) or its equivalent from the University of Kalyani or from any recognized University**.**
Intake:	Ninety-four **(94)** [May change from time to time based on University notification]
Academic Calendar:	As per the University Academic calendar.
Admission procedure:	As per the University notification.

Course Structure:

- M.Com. programme is in the **Level 6.5** of NHEQF-2023 and follows NCrF-2023 and UGC-C&CFPP-2024.
- M.Com. curriculum consists of **86 credits** distributed in **22 courses** in **2 academic sessions** and **4 semesters.**
- Each student is required to complete a total of **86 credits** from this curriculum, including **4 credits** from Interdisciplinary Courses (IDS) offered by various departments of the University of Kalyani, including the Department of Commerce.
- **44 credits** are meant for **Major Courses, 24 credits** for **discipline-specific Minor/Skill-enhanced** courses, **4 credits** for IDS course, **4 credits** for IKS, **2 credits** for job-oriented training and **4 credits** for research project. Course includes **2 non-credit mandatory value-added courses**.
- Skill-enhanced courses have **specific prerequisites**.
- PGBOS in Commerce will determine **related courses** and a total of 20% credits of the programme (particularly VAC and SEC courses) may be earned by a student through virtual learning mode.
- Internal Assessment marks of a course are **Continuous Evaluation (CE)** and/or **Practical (PRC)** or **combination.**
- **Internal assessment of a practice paper will be based on Practical tests**.
  Intake capacity for the IDS Course will be the intake capacity of the department.

Core Objective: To provide advanced knowledge, analytical skills, and professional competence in accounting, finance, and business management. It aims to develop a deep understanding of theoretical concepts and contemporary practices, enabling students to critically analyse business issues, conduct independent research, and apply financial and managerial tools in real-world decision-making. The programme further seeks to cultivate ethical values, technological proficiency, and an innovative mindset, preparing graduates for careers in academia, industry, corporate sectors, entrepreneurship, and higher research.

Equivalence: The Master of Commerce (M.Com) is equivalent to other postgraduate degrees [Master of Business Studies (MBS) or Master of Accounting and Finance, provided the curriculum structure and credit requirements meet the standards prescribed by the UGC and NHEQF. The M.Com degree is also recognized as equivalent to a master's qualification for the purpose of pursuing Ph.D. programmes, appearing for NET/SET examinations, and applying for academic, research, and higher-level professional positions in universities, colleges, and government institutions. In many universities and regulatory frameworks, the M.Com degree is accepted as equivalent to MBA (Specialised Areas) in terms of eligibility for teaching positions in commerce and management subjects, though the orientation of the programmes may differ.

Exit option: At the end of the 1st year of M.Com. programme (Completion of 44 credits) students may opt to exit out with **Post Graduate Diploma in Commerce at Level 6 of NHEQF.**

Course Credit Structure

Sem	Course Code	Course Title	Course Type	Credit Pattern			Credit Value	Marks Distribution		
				Lecture (L)	Field-Self Study-Tutorial (FST)	Practice (P)		Summative assessment	Continuous assessment	Total Marks
SEM I	MC-MJR-401	Advanced Cost and Management Accounting	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MJR-402	Advanced Financial Management	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MJR-403	Business Analytics	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MJR-404	Direct Tax Planning and Management	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MJR-405	Advanced Computer Applications in Business	Major (Pr)	**1**	**-**	**3**	4	40	10	50
	MC -VAC-449	Digital Marketing	Value-added Course	**--**	**--**	**--**	--	Gradation Based Evaluation		
	NHEQF Level 6.5: UGC Course Level 400-449			**13**	**4**	**3**	20	**200**	**50**	**250**

Sem	Course Code	Course Title	Course Type	Credit Pattern			Credit Value	Marks Distribution		
				Lecture (L)	Field-Self Study-Tutorial (FST)	Practice (P)		Summative assessment	Continuous assessment	Total Marks
SEM II #	MC -IDS-451	Personal Finance and Income Tax	Interdisciplinary	**3**	**1**	**0**	4	40	10	50
	MC -MJR-452	Advanced Research Methodology	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MJR-453	Operations Research and Financial Statement Analysis	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MNR-454	Advanced Statistics	Minor (Th)	**3**	**1**	**0**	4	40	10	50
	MC -MJR-455	Business Environment and International Finance	Major (Th)	**3**	**1**	**0**	4	40	10	50
	MC –ARP/ SRP-456	Academic Research Project	Dissertation	**1**	**3**	**0**	4	40	10	50
	MC -VAC-499	Entrepreneurship and Start-ups	Value-added Course	--	--	--	--	Gradation based evaluation		
	NHEQF Level 6.5: UGC Course Level 450-499			**16**	**08**	**0**	**24**	**240**	**60**	**300**

*** Meant for an interdisciplinary course for students from departments of KU including Commerce. Commerce students will opt for an interdisciplinary course from Department of Commerce/ Other PG departments of KU (mandatory).**

 # After qualifying 1st and 2nd Semester Examinations, students may opt for the exit option with a Post Graduate Diploma in Commerce (as per UGC nomenclature – NHEQF Level 6).

Sem	Course Code	Course Title	Course Type	Credit Pattern			Credit Value	Marks Distribution		
				Lecture (L)	Field-Self Study-Tutorial (FST)	Practice (P)		Summative assessment	Continuous assessment	Total Marks
SEM III	MC -IKS-501 *	Indian Higher Education System and History of Indian Stock Market	IKS (Th)	3	1	0	4	40	10	50
	MC -MJR-502	Indian Accounting Standards	Major (Th)	3	1	0	4	40	10	50
	MC -MJR-503	Strategic Marketing Management and Human Resource Management	Major (Th)	3	1	0	4	40	10	50
	MC -MNE-504	Any one of the following: 504 A: Micro and Macro Economics 504 B: Behavioural Finance 504 C: Project Finance	Minor (Elec)	3	1	0	4	40	10	50
	MC -MNE-505	Any one of the following: 505 A: Corporate Governance and Financial Services 505 B: Corporate Finance 505 C: Business Valuation	Minor (Elec)	3	1	0	4	40	10	50
	NHEQF Level 6.5: UGC Course Level 500-549			**15**	**05**	**0**	20	**200**	**50**	**250**

* Course on IKS (Indian Knowledge System).

Sem	Course Code	Course Title	Course Type	Credit Pattern			Credit Value	Marks Distribution		
				Lecture (L)	Field-Self Study-Tutorial (FST)	Practice (P)		Summative assessment	Continuous assessment	Total Marks
SEM IV	MC -MJR-551	Corporate Accounting and Reporting	Major (Th)	3	1	0	4	40	10	50
	MC -MNR-552	Security Analysis and Portfolio Management	Minor (Th)	3	1	0	4	40	10	50
	MC -SEC-553	Audit and Assurance	Skill Enhanced Course (SEC)	3	1	0	4	40	10	50
	MC -SEC-554	Econometrics and Applications of Statistical Software	Skill Enhanced Course (SEC)	3	1	0	4	40	10	50
	MC -JOT-598	E-filling of GST and Income Tax Returns	JOT	1	1	0	2	20	05	25
	MC -GRP-599	Guided Research Project	Dissertation	1	3	0	4	**40** (Text)	**10** (Seminar Presentation)	50
	NHEQF Level 6.5 :: UGC Course Level 550-599			14	08	0	**22**	**220**	**55**	**275**
Grand total							**86**	**860**	**215**	**1075**

Credit Distribution – 86 Credits

<table>
<tr><td colspan="2">Major (MJR) courses – 44 credits</td><td colspan="3">Minor [MNR] + Minor (Elec) [MNE] + SEC courses – 8 + 8 + 8 = 24 credits</td></tr>
<tr><td rowspan="2">Theory</td><td rowspan="2">Practicum</td><td colspan="2">MNR
(Mandatory)</td><td>MNE [Electives] – 8 Credits
&
SEC Courses [Electives] – 8 credits</td></tr>
<tr><td>Theory</td><td>Practicum</td><td></td></tr>
<tr><td>Courses: 10
Credits: 40</td><td>Courses:1
Credits: 4</td><td>Courses: 2
Credits: 8</td><td>Courses: 0
Credits: 2</td><td>Courses: 4
Credits: 16</td></tr>
<tr><td colspan="2">Total: 11 courses and 44 credits</td><td colspan="2">Total: 2 courses and 8 credits</td><td>Total: 4 courses and 16 credits</td></tr>
</table>

Interdisciplinary – **4 credits** (IDS)	Indian Knowledge System – **4 credits** (IKS)	Job Oriented Training – **2 credits** Dissertation – **4 credits**
Course: 1 Credits: 4	Course: 1 Credits: 4	Course: 1 (JOT) + 1 (ARP/ SRP) + 1 (GRP) Credits: 2+4+4
Total : 1 course and 4 credits	Total : 1 course and 4 credits	Total : 3 courses and 10 credits

Note: Students will select any one track (A or B or C) for Minor (Elective)

M.Com.

FIRST SEMESTER

M.Com. FIRST SEMESTER

Course Code: MC-MJR-401 | **Course Category: Major**

Course Title: ADVANCED COST AND MANAGEMENT ACCOUNTING | **Prerequisites: None** | **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	This course is designed to equip students with the sound knowledge and analytical skills needed to apply various cost management methods & techniques, for effective determination, monitoring and controlling costs, and utilising accounting data for strategic decision making particularly in corporate settings.	On completion of this course, the student should be able to: (1) Gain an adequate knowledge of Process Costing and accounting for Joint Products and By-products. (2) Explain and apply advanced costing techniques like Activity Based Costing, cost management strategy like Target Costing and cost accounting method like Life cycle Costing. (3) Make proper managerial decisions by applying Marginal Costing technique. (4) Control costs, improve efficiency, and make informed decisions by applying Standard Costing technique and Variance Analy- sis. (5) Prepare different types of Budgets and apply Budgetary Control technique for managerial control. (6) Know the various approaches, considerations, and techniques in strategic price setting and Responsibility Accounting as well. (7) Prepare Cash Flow Statement and to make critical analysis of cash flows to suit the requirements of the enterprises.

Module I

UNIT 1: Process Costing, Activity Based Costing, Target Costing, etc. [LH 10]

- Process Costing
- Costing of Joint Products and By-products.
- Activity Based Costing
- Target Costing
- Life Cycle Costing. `

UNIT 2: Marginal Costing and Decision Making [LH 10]

- Definition of Marginal Cost & Marginal Costing
- Marginal Cost Equation
- Case Studies on Managerial Decisions (Diversification of products, fixation of selling price, multi-product BEP, selection of profitable product-mix, limiting factors, make or buy, alternative methods of manufacture, continue or shut down of production, accepting or rejecting foreign order, etc.)

UNIT 3: Standard Costing and Variance Analysis (Material, Labour, Overhead and Sales) - Reporting of Variances [LH 10]

Module II

UNIT 4: Budgets and Budgetary Control [LH: 16]

- Meaning of Budget, Budgeting and Budgetary Control
- Cash Budget,
- Flexible Budgets,
- Production Budget,
- Production Cost Budget;
- Other Functional Budgets and
- Master Budget.

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UNIT 5: Pricing Decisions and Transfer Pricing; and Responsibility Accounting [LH: 08]

UNIT 6: Funds Analysis [LH: 06]

- Meaning and Types of Funds
- Preparation of Cash Flow Statement
- Critical Analysis of Cash Flows

Suggested Readings

Prasad, N. K. *Advanced Cost Accounting*. Book Syndicate Pvt. Ltd.

Drury, C., & Tayles, M. E. *Management and cost accounting* (12th ed.). Cengage Learning EMEA.

Horngren, C. T., Sundem, G. L., Burgstahler, D., & Schatzberg, J. O. *Introduction to Management Accounting* (17th ed.). Pearson. Datar, S. M., & Rajan, M. V. *Horngren's Cost Accounting: A Managerial Emphasis* (16th ed.). Pearson.

Banerjee, B. *Cost Accounting: Theory and Practice* (14th ed.). PHI Learning Pvt. Ltd. Bhar, B. K. *Cost Accounting: Methods & Problems* (19th ed.). Academic Publishers.

Lal, J., Srivastava, S., & Singh, M. *Cost Accounting: Text, Problems & Cases* (6th ed.). McGraw Hill Education India. Jain, S. P., & Narang, K. L. *Cost Accounting*. Kalyani Publishers.

Singh, K. *Management accounting: Concepts and strategic costing decision* (ed.). Wiley India.

Saxena, V. K., & Vashist, C. D. *Advanced Cost and Management Accounting* (8th ed.). Sultan Chand & Sons. Rao, M. E., & Thukaram, M. E. *Cost & Management Accounting*. New Age International.

M.Com. FIRST SEMESTER

Course Code: MC-MJR-402 **Course Category: Major**

Course Title: ADVANCED FINANCIAL MANAGEMENT **Prerequisites: None** **Course Type: Theory**

<table>
<tr><th colspan="4">Credit Structure</th><th colspan="6">Marks Distribution</th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><th rowspan="2">Lecture</th><th rowspan="2">Tutorial</th><th rowspan="2">Practice</th><th rowspan="2">Total Credit</th><th rowspan="2">Summative Assessment</th><th colspan="4">Continuous Assessment</th><th rowspan="2">Total Marks</th><th rowspan="3">To help the students to develop cognizance of the importance of advanced level Financial Management and to enable them to synthesize related information and evaluate options for the most logical and optimal solutions relating to different areas of finance in the business world.</th><th rowspan="3">1. To give students an understanding of fundamental financial concepts, especially time value of money.
2. To demonstrate to the students the applicability of the concept of Financial Management to understand the managerial decisions and corporate capital structure.
3. To equip the students to be able to apply capital budgeting projects using both traditional and advanced techniques.
4. To enable students to apply the Leverage and EBIT-EPS Analysis associated with financial data in the corporate sector.
5. To empower students to handle the complexities associated with management of cost of funds in the capital structure.
6. To demonstrate to the students how the concepts of financial management and investment, financing and dividend policy decisions could integrate while identifying and resolving the problems pertaining to corporate sector.</th></tr>
<tr><th>IA</th><th>PRJ</th><th>PRC</th><th>Viva</th></tr>
<tr><td>3</td><td>1</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Module I

Unit 1: Strategic Financial Management [6 LH]

- Core Concepts in Financial Management and Corporate Planning
- Theory and Practice of Time Value of Money, Policy, and Strategy
- Fundamentals of Corporate Financial Policy and Financial Mathematics
- Financial Foundations to Strategic Decision-Making

Unit 2: Advanced Capital Budgeting and Investment Decisions [16 LH]

- Techniques of Investment appraisal (with relative merits and demerits) and decision rules under different decision situations and Estimation of Net Cash Flow (NCF): Net Present Value, Internal Rate of Return, Profitability Index
- Non-discounted techniques: Pay Back Period, Accounting Rate of Return and Discounted Pay Back
- Complex investment scenarios: differing project lives, investment timing
- Capital budgeting under risk and uncertainty
- Project selection under capital rationing

Unit 3: Dividend Decisions [8 LH]

- Nature of Dividend Decision, Forms of dividend, and Determinants of dividend policy
- Relevance and Irrelevance of Dividend Policies - Walter's model, Gordon's model, Modigliani, and Miller (MM) Hypothesis
- Stability in dividend policy and Corporate dividend behaviour

Module II

Unit 4: Cost of Capital [12 LH]

- Meaning & significance of Cost of Capital;
- Calculation of cost of debt;
- Calculation of cost of preference capital;
- Calculation of cost of equity capital and retained earnings;
- Combined Cost of Capital (weighted);
- Cost of equity and CAPM.

Unit 5: Operating and Financial Leverage [9 LH]

- Measurement of leverages;
- Effects of operating and financial leverage on profit;
- Analysing alternate financial plans;
- Combined financial and operating leverage.

Unit 6: Capital Structure [9 LH]

- Theories and Planning
- Determining capital structure in practice;
- In the price capital structure planning;
- EBIT-EPS indifference point.

Suggested Readings

Shapiro, Alan C.: Capital Budgeting and Investment Analysis, Pearson Education.

Van Horne, James C.: Financial Management & Policy, Pearson Education.

Arnold, Glen and Kumar, Mohan: Corporate Financial Management, Pearson Education.

Khan, M.Y. & Jain, P.K.: Financial Management, McGraw Hill Education (India) Pvt. Ltd.

Chandra, Prasanna: Financial Management, McGraw Hill Education (India) Pvt. Ltd.

Pandey, I.M.: Financial Management, Vikas Publishing.

M.Com. FIRST SEMESTER

Course Code: MC-MJR-403

Course Title: BUSINESS ANALYTICS

Prerequisites: None

Course Category: Major

Course Type: Theory

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	To build students' quantitative skills for informed and data-driven decision-making, apply mathematical and statistical methods for solving business problems.	1. The students would be imparted with basic concepts of business analytics and skills for application of quantitative techniques in business situations. 2. Students learn to use formulas, models, and statistical techniques to solve real-world business problems such as cost analysis, budgeting, forecasting, and optimization. 3. This course provides quantitative methods to analyze alternatives and choose the most profitable or cost-effective option. 4. Use simple correlation and regression models to analyze the underlying relationships between the variables affecting business models.

Module I

Unit 1: Introduction to Business Analytics [2 LH]

- Meaning
- Types

Unit 2: Algebra [18 LH]

- **AP -GP Series**
  A.P. Series: Definition, Common difference, General term, A.M., Sum of first n terms of an A.P
  G.P. Series: Definition, Common ratio, General term, G.M., Sum of first n terms of a G.P
- **Permutation and Combination**
- Fundamental Principle in Permutation, Permutation of different things, Combinations of different things, Restricted Combinations, Division into Groups
- **Determinants and Metrics**
- **Binomial Theorem**

Unit 3: Calculus [10 LH]

- Functions
- Limit
- Continuity
- Differentiation Simple Problem (Without trigonometric application)

Module II

Unit 4: Descriptive Statistics [10 LH]

- Central Tendency and its Different Measures: Arithmetic Mean, Geometric Mean and Harmonic Mean, Median, Mode and Quartiles
- Dispersion and its Different Measures: Common measures of Dispersion Range, Quartile Deviation, Mean Deviation and Standard Deviation
- Measures of Relative Dispersion.
- Concept of Skewness & Kurtosis

Unit 5: Simple Correlation and Regression Analysis [8 LH]

- Correlation Analysis: Scatter diagram; Pearson's Coefficient of Correlation; Rank Correlation
- Regression analysis: Regression Equations and Estimation (el-ementary level)

Unit 6: Index Numbers and Interpolation **[6 LH]**

- **Index Numbers**
  Meaning, Method of Construction, Quantity Index Number, Tests of Index Number, Cost of Living Index
- **Interpolation**
  Finite Differences: D and E Operators, Newton's Forward Interpolation Formula, Newton's Backward Interpolation Formula, Lagrange's Interpolation Formula

Suggested Readings

Dey, S. N., Business Mathematics and Statistics, Chhaya Prakashani.

Chakrabarti, J. Business Mathematics and Statistics, Dey Book Concern.

Francis, A., Business Mathematics and Statistics, Thomson Learning.

Das, N. G., Business Mathematics and Statistics, McGraw-Hill Education Ltd.

Ghosh, R. K. and Saha, S., Business Mathematics and Statistics, New Central Book Agency (P) Ltd

M.Com. FIRST SEMESTER

Course Code: MC-MJR-404 **Course Category: Major**

Course Title: DIRECT TAX PLANNING AND MANAGEMENT **Prerequisites: None** **Course Type: Theory**

<table>
<tr><th colspan="4">Credit Structure</th><th colspan="6">Marks Distribution</th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><th rowspan="2">Lecture</th><th rowspan="2">Tutorial</th><th rowspan="2">Practice</th><th rowspan="2">Total Credit</th><th rowspan="2">Summative Assessment</th><th colspan="4">Continuous Assessment</th><th rowspan="2">Total Marks</th><td rowspan="3">To impart knowledge of legitimate tax planning strategies that help minimise tax burden while complying with statutory requirements and ethical standards.</td><td rowspan="3">1. Demonstrate a clear understanding of the concepts, principles, and legal provisions governing direct taxes in India.
2. Analyse the Income-tax Act, relevant amendments, and judicial decisions to interpret tax provisions accurately.
3. Calculate taxable income and tax liability and formulate effective tax planning strategies to minimise tax burden ethically within the framework of the law.
4. Examine methods for efficient tax compliance, tax audits, tax record management, and assessment procedures.
5. Apply various deductions, exemptions, rebates, and incentives available under different sections of the Act for tax optimisation.
6. Solve practical tax-related problems and case studies by applying statutory provisions and financial data.
7. Recognise the importance of ethical tax planning, avoid evasion, and comply with legal requirements and regulatory standards.
8. Use e-filing systems, online tax portals, and digital tools for computation, filing, and tax management. Analyse recent reforms, policy changes, and global developments affecting direct taxation in India.</td></tr>
<tr><th>IA</th><th>PRJ</th><th>PRC</th><th>Viva</th></tr>
<tr><td>3</td><td>1</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Module I

Unit 1: Introduction to Corporate Taxation [10 LH]

- Concept, scope, and significance of corporate taxation;
- Residential status of companies—domestic and foreign:
- Corporate tax structure in India;
- Types of companies for tax purposes; overview of relevant provisions of the Income-tax Act;
- Distinction between corporate tax planning, tax avoidance, and tax evasion

Unit 2: Computation of Corporate Tax Liability [12 LH]

- Classification of company incomes;
- Special provisions for business income of companies;
- Allowable and disallowable expenses;
- MAT credit;
- Computation of book profit for MAT;
- Computation of total income and tax liability;
- Taxation of capital gains for companies;
- Tax implications of dividend income and deemed dividend

Unit 3: Corporate Tax Planning – Financial Decisions [8 LH]

- Tax planning related to capital structure decisions;
- Dividend decisions and bonus shares;
- Tax aspects of leasing vs purchasing;
- Tax planning in capital budgeting decisions;
- Tax implications of investment decisions,
- Asset acquisition and sale

Module II

Unit 4: Corporate Tax Planning – Managerial Decisions [10 LH]

- Make or buy decisions;
- Replacement and repair vs renewal;
- Location of business and tax holiday benefits;
- Tax planning for mergers, acquisitions, and restructuring;
- Tax planning in pricing decisions and transfer pricing impact.

Unit 5: Transfer Pricing and International Taxation [10 LH]

- Meaning, need, and significance of transfer pricing;
- Associated enterprises and international transactions;
- Transfer pricing methods;
- Arm's Length Price (ALP) concept;
- Documentation and compliance requirements;
- Advance Pricing Agreements (APA);
- Overview of Double Taxation Avoidance Agreement (DTAA)

Unit 6: Contemporary Corporate Tax Issues [10 LH]

- Impact of Union Budget on corporate taxation;
- GAAR;
- Equalisation levy and digital taxation;
- ESG and corporate tax governance;
- Tax transparency, disclosures, and compliance
- Global Minimum Corporate Tax and OECD Pillar Two reforms

Suggested Readings

Lakhotia, R.N. & Lakhotia, Subhash – Corporate Tax Planning, Vision Books.

Girish Ahuja & Ravi Gupta – Corporate Tax Planning & Management, Bharat Publications.

S. Srinivasan – Corporate Tax Planning, Snow White Publications.

Raghavendra Rau – Corporate Taxation and Planning, Academic Publishing.

Taxmann – Master Guide to Corporate Taxation, Taxmann Publications.

The Chartered Accountant – ICAI Business Taxation Journal – Taxmann

Ministry of Finance – Union Budget Documents

M.Com. FIRST SEMESTER

Course Code: MC-MJR-405 **Course Category: Minor**

Course Title: ADVANCED COMPUTER APPLICATIONS IN BUSINESS **Prerequisites: Basic Knowledge** **Course Type: Practical**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
1	0	3	4	40	10	Nil	Nil	Nil	50	To acquire technical knowledge of computer software for applications in real life business scenario, so far as accounting and finance are concerned. The students will be imparted hands-on training in the computer laboratory.	After successful completion of the course, the students will develop the required skill to use the computer software in real life business scenario, so far as accounting and finance are concerned.

Module I

Unit1: Business problem solution with Spreadsheet (say Excel). **[LH:12]**

Unit 2: Problem solution with the help of Database software, including development of program (say Visual FoxPro). **[LH:12]**

Unit 3: AI in Accounting & Finance **[LH:06]**

Module II

Unit 4: Working with Accounting Software (say Tally). **[LH:12]**

Unit 5: Inventory Accounting in Tally **[LH:10]**

Unit 6: GST Accounting in Tally **[LH:08]**

Suggested Readings

Wallace Wang: Microsoft Office 2019, Wiley India Pvt. Ltd., New Delhi.
A K Nadahani & K Nadhani: Tally Prime, BPB Publications, New Delhi.
R Sangwan: Mastering in Tally Prime, Ascent Prime Publications, New Delhi.
R K Taxali: Visual FoxPro Made Simple, BPB Publications, New Delhi.
John H.C & Tewari, H N, Computer Application in Business, Taxmann, New Delhi.
Amlan Chakraborty, AI for Everyone: A Beginner's Handbook for Artificial Intelligence, Pearson, New Delhi

M.Com. FIRST SEMESTER

Course Code: MC-VAC-449 **Course Category: Value Added**
Course Title: DIGITAL MARKETING **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
–	–	–	–	20	05	--	--	--	25	To equip students with the knowledge and skills required to plan, implement, and evaluate effective digital marketing strategies using online tools, platforms, and analytics.	1. Elucidate the concepts, scope, and components of digital marketing and differentiate them from traditional marketing practices. 2. Analyse consumer behaviour in online environments and identify factors influencing digital buying decisions. 3. Apply digital marketing tools and techniques for designing integrated online campaigns. 4. Develop and execute data-driven digital marketing strategies using analytics platforms. 5. Create digital content and communication plans suitable for social media, websites, and online advertising platforms. 6. Evaluate the ethical, legal, and security issues in digital marketing. 7. Demonstrate the ability to plan, manage, and optimize digital marketing campaigns in real-world business contexts.

Unit 1: Introduction to Digital Marketing

- Digital marketing — meaning, scope, objectives, evolution from traditional marketing.
- Role of the Internet, search engines, and the rise of e-commerce and digital business ecosystems.
- Digital marketing channels: owned, earned, paid media; applications in various industries.
- Benefits and challenges of digital marketing.
- Emerging trends: Big Data, AI-driven marketing, IoT-based marketing, hyper-local targeting, marketing automation, personalization, and analytics-driven strategies.
- Career opportunities and skill requirements for digital marketers.

Unit 2: Online Marketing Mix & Digital Marketing Strategy

- Online equivalents of the marketing mix: **E-product** (digital goods, online services, user experience), **E-price** (dynamic pricing, discount strategies, freemium models), **E-place** (online distribution, websites, marketplaces), **E-promotion** (ads, SEO, SEM, social media, content)
- Online consumer behaviour: decision-making process, digital touchpoints, factors affecting online purchase decisions.
- Segmentation, targeting, and positioning (STP) in a digital environment.
- Components of digital marketing strategy: goal-setting, audience research, budgeting, channel selection, campaign planning, KPIs.

Unit 3: Search Engine Optimization (SEO)

- Introduction to search engines: how they crawl, index, and rank pages.
- Types of SEO: On-page, Off-page, Technical SEO.
- On-page SEO techniques: keyword research, meta tags, title tags, image optimization, URL structure, content optimization.
- Off-page SEO: link building, guest posting, social bookmarking, authority signals.
- Technical SEO: site speed, mobile friendliness, schema markup, XML sitemaps.
- SEO tools: Google Search Console, Google Analytics, SEMrush, Ahrefs, Yoast.

Unit 4: Social Media Marketing & Online Branding

- Overview of major social platforms: Facebook, Instagram, LinkedIn, YouTube, X (Twitter), Pinterest.
- Building a social media presence: branding, engagement, community building.
- Types of social media content: posts, reels, shorts, stories.
- Viral marketing concepts and strategy.
- Influencer marketing: categories of influencers, collaborations, measuring ROI.
- Social media analytics and insights.

Unit 5: Content Marketing, Email Marketing, Mobile & E-Marketing Content marketing fundamentals: Writing blogs, articles, landing page content, Video and multimedia content, Creating content calendars, Storytelling and brand messaging

- Email marketing: Building email lists ethically, Designing email campaigns, A/B testing, automation, segmentation, Tools (Mailchimp, HubSpot, Sending Blue)
- Mobile marketing: Mobile advertising, Mobile-optimized websites, App-based marketing, SMS and WhatsApp marketing
- E-commerce & Internet marketing: Online business models, Conversion funnels, Product listings, optimization, Customer experience & analytics

Unit 6: Search Engine Marketing (SEM) & Paid Advertising Introduction to SEM and PPC advertising.

- Google Ads: Search ads, Display ads, Shopping ads, Video ads
- Keyword planning, bidding strategies, ad groups, quality score.
- Creating effective ad copy and landing pages.
- Budgeting, monitoring, optimizing paid campaigns.
- Understanding CPC, CPM, CPA, CTR, conversion rate.
- Budgeting, monitoring, optimizing paid campaigns.
- Understanding CPC, CPM, CPA, CTR, conversion rate.

Suggested Readings

Strauss, J., & Frost, R. E-Marketing. Pearson.
Laudon, K. C., & Traver, C. G. E-Commerce 2023: Business, Technology, Society. Pearson.
Chaffey, D., & Ellis-Chadwick, F. Digital Marketing: Strategy, Implementation and Practice. Pearson.
Seema Gupta. Digital Marketing. McGraw Hill.
Ramesh & Ramesh. Internet Marketing. Sage.
Vandana Ahuja. Digital Marketing. Oxford University Press.
Digital Marketing Strategy: An Integrated Approach to Online Marketing — Simon Kingsnorth
The Art of SEO: Mastering Search Engine Optimization — Eric Enge, Stephan Spencer, Jessie Stricchiola& Rand Fishkin
Search Engine Optimization and Marketing: A Recipe for Success in Digital Marketing — Subhankar Das Routledge
Digital Marketing for Dummies — Russ Henneberry & Ryan Deiss
Epic Content Marketing — Joe Pulizzi
The New Rules of Marketing and PR — David Meerman Scott
Permission Marketing — Seth Godin
Google Adwords for Beginners — Cory Rabazinsky

M.Com.

SECOND SEMESTER

M.Com. SECOND SEMESTER

Course Code: MC -IDS-451 **Course Category: Interdisciplinary**

Course Title: PERSONAL FINANCE AND INCOME TAX **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	1. The course aims to develop to empower both commerce and non-commerce students to gain adequate knowledge of effectively managing personal finance. 2. To develop a comprehensive understanding of the basic Income Tax Act, thereby fostering informed and lawful tax planning and decision-making.	On completion of this course, the student should be able: (1) To develop a constructive financial attitude that translates into desirable financial behaviour (2) To comprehend the process of developing an appropriate long-term investment strategy (3) To evaluate the investment instruments suitable for different financial goals in different time span (4) To apply appropriate financial instruments to manage individuals' finances and make roadmap to financial independence (5) To examine the alternatives of credit planning and retirement planning (6) To explain and differentiate the fundamental concepts of the Income Tax Act. (7) To compute the taxable amount of individual assessees. (8) To determine the tax liability of individual assessees. (9) To demonstrate procedural knowledge of income tax compliance

Module I

UNIT 1: Foundations of Personal Finance: **[LH: 08]**

- Introduction to Personal Finance and Financial Planning
- Personal Finance Components
- Managing Personal Finances

UNIT 2: Investment Planning and Risk Management: **[LH: 10]**

- Investment Planning Framework and Objectives
- Investment Vehicles and Asset Classes
- Portfolio Construction and Diversification

UNIT 3 Insurance, Loans and Retirement Planning: **[LH: 12]**

- Insurance Planning
- Borrowing and Loan Planning
- Retirement Planning

Module II

Unit 4: Basic Concepts under The Income Tax Act **[04 LH]**

- Income, Assessee, Previous Year vs. Assessment Year , Heads of income, Gross total income vs. Total income, Rate of tax applicable to individual assessee
- Residential Status and Incidence of tax of an individual assesse,
- Income exempt from tax, Tax evasion, Tax avoidance, Tax planning

Unit 5: Computation of Taxable Income of Individuals **[20 LH]**

- Salaries, Income from House Property
- Capital Gains, Income from Other Sources
- Deductions from Gross Total Income

Unit 6: Filing of Income Tax Returns and Assessment of Tax **[06 LH]**

- Return of income, e-filing of income tax returns
- Belated return, Revised return, Defective return
- Summary assessment, Scrutiny assessment, Best judgment assessment

Suggested Readings

Ahuja & Gupta, Systematic Approach to Income Tax, Bharat Publications
Arthur J. Keown, Personal finance: Turning money into wealth
E. Thomas Garman, Raymond Forgue, Personal Finance, Cengage learning
K Redhead, Personal finance and investments, Routhledge
Kapoor, Jack R., Personal Finance, McGraw Hill Publishing Co
Keown, A. J., Personal Finance – Turning money into wealth. Pearson Publication
Madura, Jeff, Personal Finance. Pearson.
Singhania V & Singhania, M, Students' Guide to Income Tax, Taxmann
Spier, Guy, The Education of Value Investor. Palgrave
Vickie Bajtelsmit, Personal Finance, Wiley

M.Com. SECOND SEMESTER

Course Code: MC-MJR-452 **Course Category: Major**

Course Title: ADVANCED RESEARCH METHODOLOGY **Prerequisites: None** **Course Type: Theory**

<table>
<tr><th colspan="4">Credit Structure</th><th></th><th colspan="6">Marks Distribution</th><th></th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><td rowspan="2">Lecture</td><td rowspan="2">Tutorial</td><td rowspan="2">Practice</td><td rowspan="2">Total Credit</td><td rowspan="3"></td><td rowspan="2">Summative Assessment</td><td colspan="4">Continuous Assessment</td><td rowspan="2">Total Marks</td><td rowspan="3"></td><td rowspan="3">The course aims to develop a systematic understanding of research processes, problem formulation, research design, data collection, analysis, interpretation, ethical practices, and report writing, enabling students to conduct independent, rigorous, and academically sound research in commerce and social sciences.</td><td rowspan="3">On completion of this course, the student should be able to:
(1) To understand the meaning, objectives and key features of research methodology
(2) To construct variables & formulate research problems and develop different hypotheses
(3) To understand the major research designs
(4) create motivation for the scope and role of business research in decision making
(5) To describe the pros and cons of primary and secondary data
(6) To understand different scales of measurement and scaling techniques.
(7) To design valid, reliable, and unbiased questionnaires.
(8) To create awareness about publication misconduct and plagiarism
(9) To familiarize learners with different types of academic reports used in commerce research
(10) To enhance competence in data collection for commerce and social science research.</td></tr>
<tr><td>IA</td><td>PRJ</td><td>PRC</td><td>Viva</td></tr>
<tr><td>3</td><td>1</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Module I

UNIT 1: Introduction to Research **[LH: 12]**

- Defining research and research methodology
- Nature and scope of research methodology
- Types of research-basic and applied research
- Research Process
- Features of a good research study
- Research applications in business decisions
- Formulation of research problem
- Developing a research proposal
- Significance of review of literature

UNIT 2: Research Design **[LH: 10]**

- The nature and importance of research design
- Features of a good research design
- Classification of research designs -exploratory, descriptive and experimental
- Concept and classification of experimental designs

UNIT 3: Data Collection Methods **[LH: 08]**

- Classification of data
- Research applications of secondary and primary data
- Secondary sources of data and usage
- Secondary sources of data in Indian context
- Primary data collection – Survey and observation

Module II

UNIT 4: Scales of Measurement, Scaling Techniques, and Questionnaire Design **[LH: 10]**

- Meaning and characteristics of measurement scales
- Types of scale
- Reliability and validity testing of scales
- Meaning, objectives and classification of scaling techniques
- Advantages and limitations of each scaling technique
- Meaning and role of questionnaire in research
- Types of questionnaire

- Types of question
- Principles of effective questionnaire design
- Pilot study and pre-testing of questionnaire
- Common errors in questionnaire design

.**UNIT 5: Research and Publication Ethics** **[LH: 10]**

- Meaning and objectives of research ethics
- Importance of ethics in academic and scientific research
- Ethical issues in commerce research
- Misconduct in research
- Meaning and scope of publication ethics
- Criteria for authorship
- Meaning and significance of report writing

Suggested Readings

Alan Bryman & Emma Bell - "Business Research Methods, Oxford University Press
Anderson, J. – Technical Communication: A Reader-Centered Approach
Bajpai Naval - Business Research Methods, Pearson
Booth, W.C., Colomb, G.G., Williams, J.M. – The Craft of Research
Cooper, D.R. & Schindler, P.S. – Business Research Methods
Dutta, S. – Research and Publication Ethics in Social Science
Kothari, C.R. – Research Methodology: Methods and Techniques
Malhotra, N.K. – Marketing Research: An Applied Orientation
UGC (Latest). Research and Publication Ethics Guidelines

Meaning and types of plagiarism

- UGC Plagiarism Regulations
- Plagiarism detection tools
- Prevention of plagiarism

UNIT 6: Report Writing **[LH: 10]**

- Characteristics of a good report
- Principles of effective report writing
- Planning and Structure of Reports
- Writing Style and Presentation
- Use of digital tools in report writing
- Referencing styles

M.Com. SECOND SEMESTER

Course Code: **MC -MJR-453** | **Course Category: Major**

Course Title: OPERATIONS RESEARCH AND FINANCIAL STATEMENT ANALYSIS | **Prerequisites: None** | **Course Type: Theory**

<table>
<tr><th colspan="4">Credit Structure</th><th colspan="6">Marks Distribution</th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><td rowspan="2">Lecture</td><td rowspan="2">Tutorial</td><td rowspan="2">Practice</td><td rowspan="2">Total Credit</td><td rowspan="2">Summative Assessment</td><td colspan="4">Continuous Assessment</td><td rowspan="2">Total Marks</td><td rowspan="3">OR develop ability to apply quantitative optimization techniques for solving managerial problems and informed decision-making effectively.
FSA equip students to analyze and interpret financial statements for performance evaluation and decisions in business.</td><td rowspan="3">After completing this course, students will be able to:
1. Understand the fundamental concepts, scope, and importance of Operations Research in business decision-making.
2. Formulate real-world managerial problems into OR models.
3. Interpret quantitative results for managerial decision-making.
4. Apply OR tools in business analytics, operations management, and logistics.
5. Assist managers in data-driven decision-making processes.
6. Identify the components of financial statements and their interrelationships.
7. Evaluate financial performance and financial position of firms.
8. Develop transparency and accountability in financial analysis.
9. Work as financial analysts, accounting executives, or audit assistants.
10. Develop competencies for entrepreneurship and financial advisory roles.</td></tr>
<tr><td>IA</td><td>PRJ</td><td>PRC</td><td>Viva</td></tr>
<tr><td>3</td><td>1</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Module I
OPERATIONS RESEARCH

UNIT 1: Introduction **[LH 2]**

- Concept and Significance of Operations Research
- Evolution of Operations Research
- Models of Operations Research

UNIT 2: Linear Programming and its Application **[LH 14]**

- Graphic method
- Simplex method
- Duality problem

UNIT 3: Network Technique for Project Implementation, Monitoring and Control **[LH 14]**

- PERT and CPM Techniques
- Measure of Variability and Probability of Completion of Project by a Specified Date
- Crashing of Project Network
- Resource Allocation

Module II
FINANCIAL STATEMENT ANALYSIS

UNIT 4: Introduction & Financial Statement Fundamentals **[LH 10]**

- Meaning, purpose and scope of financial statement analysis
- Types and users of financial statements
- Tools of analysis: Trend analysis, Ratio Analysis
- Numerical problems

UNIT 5: Analysis of Industrial Sickness **[LH 12]**

- Concepts, signals and symptoms of sickness
- Provisions under the Companies Act 2013
- Prediction Stages of Sickness
- Univariate and Multivariate Analysis
- Application of statistical tools
- Numerical problems

UNIT 6: Empirical Analysis of Financial Statement **[LH 08]**

- Techniques for writing research paper
- Working capital analysis
- Profitability analysis

Suggested Readings

Banerjee, B.: Financial Policy & Management Accounting, PHI, New Delhi.

Foster, G.: Financial Statement Analysis, Pearson Education.

Fraser, L. M., & Ormiston, A.: Understanding Financial System, PHI, New Delhi.

Lev, B.: Financial Statement Analysis—A New Approach, Prentice-Hall, Inc., Englewood Cliffs, NJ.

Penmam: Financial Statement Analysis, McGraw Hill.

Sharma, S. D. *Operations Research: Theory, Methods, and Applications*. Kedar Nath Ram Nath & Co. Swarup, K.,
Gupta, P. K., & Man Mohan. *Operations Research* (16th ed.). Sultan Chand & Sons.

Taha, H. A. *Operations Research for Engineers and Scientists*. Pearson Education. Taha,
H. A. *Operations Research: An Introduction* (10th ed.). Pearson Education.

Vohra, N. D. *Quantitative Techniques in Management* (4th ed.). Tata McGraw-Hill Education. Wild,
John J.: Financial Statement Analysis, Tata McGraw-Hill

Course Code: MC-MNR-454 **M.Com. SECOND SEMESTER** **Course Category: Minor**

Course Title: ADVANCED STATISTICS **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	The course aims to develop advanced analytical skills in statistical theory and methods, enabling learners to model complex data, apply multivariate and inferential techniques, conduct rigorous empirical research, and critically interpret statistical results for academic, professional, and policy-oriented decision-making.	On completion of this course, the student should be able to: (1) Demonstrate a comprehensive understanding of advanced statistical concepts, theories, and distributions used in modern quantitative analysis. (2) Apply advanced probability models and inferential techniques to analyze datasets. (3) Formulate, estimate, and interpret statistical models for empirical research. (4) Conduct hypothesis testing using advanced parametric and non-parametric methods under varied data conditions. (5) Analyze relationships among multiple variables. (6) Assess model assumptions, diagnose statistical problems, and apply appropriate remedial measures. (7) Interpret statistical outputs critically and draw valid conclusions for academic research, business applications, and policy decision-making. (8) Design and execute independent research studies using appropriate advanced statistical methodologies.

Module I

UNIT 1: Probability and Theoretical Distributions **[LH: 14]**
- Foundations of probability (Addition and Multiplication Rules, Bayes' theorem)
- Mathematical expectation
- Theoretical distributions: Binomial, Poisson, Normal

UNIT 2: Correlation and Regression **[LH: 10]**
- Partial and multiple correlations
- Multiple regression analysis

UNIT 3: Statistical Decision Theory **[LH: 06]**
- Decision making under uncertainty
- Loss functions and risk analysis
- Statistical Quality Control

Module II

UNIT 4: Sampling Theory and Estimation **[LH: 08]**
- Sampling concepts and sampling distributions
- Central Limit Theorem
- Point and interval estimation
- Properties of estimators: unbiasedness, consistency, efficiency

UNIT 5: Parametric Tests of Significance **[LH: 12]**
- Z-test
- t-test
- ANOVA (one-way and two-way)
- Chi-Square Test

UNIT 6: Non-Parametric Tests of Significance **[LH: 10]**
- Sign Test
- Runs Test
- Wilcoxon Signed-Rank Test
- Mann–Whitney U Test
- Kruskal–Wallis Test
- Kolmogorov–Smirnov Test

Suggested Readings

Casella, G., & Berger, R. L. *Statistical Inference*. Duxbury. Cochran, W.
G. *Sampling Techniques*. Wiley.
Das, J. K. *Statistical Applications*
Das, N. G. *Statistical Methods*.
Goon, A. M., Gupta, M. K., & Dasgupta, B. *Fundamentals of Statistics*. World
Press.
Hogg, R. V., & Tanis, E. A. *Probability and Statistical Inference*. Pearson.
Siegel, S., & Castellan, N. J. *Nonparametric Statistics for the Behavioral Sciences*. McGraw-Hill. Snedecor, G.
W., & Cochran, W. G. *Statistical Methods*. Iowa State University Press.

M.Com. SECOND SEMESTER

Course Code: MC-MJR-455 **Course Category: Minor**

Course Title: BUSINESS ENVIRONMENT AND INTERNATIONAL FINANCE **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
2	2	0	4	40	10	Nil	Nil	Nil	50	(i) **Business Environment:** The objective of the course is to make the students acquainted with the basic concepts related to Business Environment. The students will be able to develop an idea on Social environment, economic environment, and political environment of Business and also on Business Ethics. (ii) **International Finance:** To familiarize the students with the basic concepts of international finance as well enable them to understand how international finance is linked to today's globalized world. This course will provide students with the knowledge, skills, and abilities to understand the global economic, political and social environment within which firms operate.	**Business Environment:** 1. The students will learn about the fundamentals of Business Environment. 2. They will understand the impact of Globalization, Liberalization on Business environment. 3. The course would also make the students capable of analyzing and understanding the macro-economic policies of the government and adjust them in decision making. **International Finance:** 1. The students will be able to understand the concept of economic development as well as understand the benefits and impediments that international finance brings in for economic development. 2. They would be able to understand the basics of the working of the foreign exchange market. 3. They would be able to analyze the nature and outcome of international integration of an economy with various regional and international organizations and associations.

Module I

Unit 1: Social & Political Environment [10 LH]

- Business & Society
- Social Responsibility of Business
- Business & the State
- Corporate Governance

Unit 2: Economic & Technological Environment [10 LH]

- Economic Systems
- Economic Planning
- Impact of Technological Environment
- Management of Technology

Unit 3: Global Environment [10 LH]

- Globalization
- Multi-National Corporations
- International Economic Institutions

Module II

Unit 4: Balance of Payments [9 LH]

- Meaning & Significance of Balance of Payments;
- Balance of Trade vs. Balance of Payments;
- Current Account and Capital Account;
- Equilibrium in the Balance of Payments.

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Unit 5: Foreign Direct Investment [9 LH]

- Foreign Direct Investment (FDI) and Foreign Portfolio Investment (FPI);
- Types of FDI;
- Benefits of FDI to home and host countries;
- India's FDI Policy.

Unit 6: Foreign Exchange Rate and Foreign Exchange Markets [12 LH]

- Meaning, fixed rate, floating rate and flexible rate;
- Determination of the equilibrium exchange rate, causes of change in the exchange rate;
- The foreign exchange market;
- Devaluation- Meaning, necessity and conditions for successful devaluation.

Suggested Readings

Alan C. Shapiro, Peter Moles & J. K. Seal: International Financial Management, Wiley India Pvt. Ltd.

B.N. Ghosh: Business Environment, Oxford University Press.

C. B. Gupta: Business Environment, Sultan Chand & Sons.

K. Aswathappa: Essentials of Business Environment, Himalaya Publishing House.

Rajiv Srivastava: International Finance, Oxford University Press.

Suresh Bedi: Business Environment, Excel Books.

V. Sharan, A. K. Singh & R. K. Shrivastav: International Financial Management, PHI Learning Pvt. Ltd.

V.A. Avadhani: International Finance, Himalaya Publishing House.

Vishal Kumar: International Finance, Kalyani Publishers.

M.Com. SECOND SEMESTER

Course Code: MC-ARP-456
Course Title: ACADEMIC RESEARCH PROJECT **Course Type: Dissertation**

<table>
<tr><th colspan="4">Credit Structure</th><th></th><th colspan="6">Marks Distribution</th><th></th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><td rowspan="2">Lecture</td><td rowspan="2">Tutorial</td><td rowspan="2">Practice</td><td rowspan="2">Total Credit</td><td rowspan="3"></td><td rowspan="2">Summative Assessment</td><td colspan="4">Continuous Assessment</td><td rowspan="2">Total Marks</td><td rowspan="3"></td><td rowspan="3">The objective of the course is to encourage research on current economic and business problems and cultivate logical analysis and evidence-based decision making.</td><td rowspan="3">On completion of this course, the student should be able to:
(1) Identify relevant research problems and objectives in accounting, finance, taxation, management, and economics.
(2) Demonstrate knowledge of research methodology.
(3) Interpret empirical findings logically.
(4) Relate results to theoretical concepts and existing literature.
(5) Draw meaningful conclusions and policy implications.
(6) Present research findings clearly in written and oral formats.</td></tr>
<tr><td>IA</td><td>PRJ</td><td>PRC</td><td>Viva</td></tr>
<tr><td>1</td><td>3</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Structure	Rules for Academic Research Project	Department
Title Page Declaration Acknowledgement Abstract Table of Contents Chapters: Introduction Literature Review Methodology Analysis & Results Conclusion References Appendices	Maintain research diary Follow timeline strictly Use reference management tools Verify data authenticity Ensure statistical accuracy Write regularly, not at the end	The department will provide research orientation sessions and monitor progress. Timeline for students: 6 months

M.Com. SECOND SEMESTER

Course Code: MC-VAC-499 **Course Category: Value Added Course**

Course Title: ENTREPRENEURSHIP AND START-UPS **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
--	--	--	--	20	05	--	--	--	25	The course aims to provide the knowledge of becoming an entrepreneur by identifying business opportunities and developing business plans.	On completion of this course, the student should be able to: (1) Develop an entrepreneurial mindset and learn to think differently. (2) Experience the steps involved in launching and developing an innovative business with startup founders and corporate entrepreneurs. (3) Start own business by understanding the opportunities that are lying in front of them. (4) To make a business plan and how to approach funding agencies for getting their loans sanctioned. (5) Anchor entrepreneurial projects in sustainable growth and create meaning.

Unit I-Introduction

- Concept of Entrepreneurship and Startups
- Types of entrepreneurs
- Role of entrepreneurship in economic development
- Factors impacting emergence of entrepreneurship;
- Characteristic of successful entrepreneurs
- Women entrepreneurs
- Social entrepreneurship
- Entrepreneurial challenges

Unit II-Entrepreneurship Development

- Entrepreneurial theories
- Entrepreneurial training
- Role of entrepreneurship development programmes
- Source of innovative ideas
- Entrepreneurship and creativity Techniques for creating ideas Obstacles to creativity

Unit III- Institutions supporting Entrepreneurs

- Sources of financing for Indian entrepreneurs
- Various Central and State Level Organizations which help the Entrepreneurs
- Banks and Non-Banking Financial Institutions
- Fund Collection for Entrepreneurship

Unit IV-Entrepreneurial opportunity and enterprise planning

- Sensing entrepreneurial opportunities
- Selecting the right opportunity
- Site Selection
- Feasibility Analysis

Unit V-Preparation of Business Plan

- Business plan - concept, format, components of business plan
- Significance of business plan
- Making of a business plan

Suggested Readings

A Fayolle Entrepreneurship and new value creation, Cambridge, Cambridge University Press.
Anjan Raichaudhuri, Managing New Ventures Concepts and Cases, Prentice Hall International.
Arya, K. Entrepreneurship: Creating and Leading an Entrepreneurial Organization. Pearson.
Byrd Megginson, Small Business Management An Entrepreneur's Guidebook, 7th ed, McGrawHill.
Galindo, C. R. The Entrepreneur's Guide To Winning: 7 Arts You Need To Master To Win The Game Of Business. CreateSpace Independent Publishing. Hisrich, R. D., Shepherd, D. A. & Peters, M. P. Entrepreneurship. McGraw-Hill Education.
Kathleen R Allen, Launching New Ventures, An Entrepreneurial Approach, Cengage Learning.
Ramachandran, K. Entrepreneurship Development: Indian cases on Change Agents. Tata McGraw Hill.
Robinson, P. J. A Guide for Writing Your Business Plan.
S. R. Bhowmik & M. Bhowmik, Entrepreneurship, New Age International.
Steven Fisher, Ja-nae' Duane, The Startup Equation -A Visual Guidebook for Building Your Startup, Indian Edition, Mc Graw Hill Education India Pvt. Ltd.

M.Com.

THIRD SEMESTER

M.Com. THIRD SEMESTER

Course Code: MC-IKS-501 **Course Category: Minor**

Course Title: HISTORY OF INDIAN STOCK MARKET AND INDIAN HIGHER EDUCATION SYSTEM **Prerequisites: None** **Course Type: IKS (Th)**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	(i) To introduce students to the origin and evolution of the Indian stock market; (ii) To famil- iarise students with key institutions, reforms, and regulatory devel- opments; (iii) To de- velop a historical per- spective for under- standing present-day stock market function- ing. (iv) to analyse the developments of higher education after independence (ii) to identify the achievements and failures with respect to access, equity and quality in higher education.	1. The students will come to know about the historical evolution of the Indian stock market and its role in shaping the country's financial system. 2. The students will be able to appreciate the impact of economic policies, institutional reforms, and regulatory frameworks on market development over time. 3. The course will equip students with contextual knowledge that will enhance their ability to analyse contemporary stock market trends from a historical perspective. 4. The students will come to know about the historical developments in higher education in India 5. The students will be able to assess the achievements and failures with respect to access, equity and quality dimensions in Indian higher education 6. The course will equip students to understand the role of the National Education Policies in India and also the technological issues related to Higher Education in India.

Module I

Unit 1: Origins and Early Development of the Indian Stock Market [10 LH]

- Emergence of securities trading during the colonial period
- Formation and evolution of the Bombay Stock Exchange (BSE)
- Role of indigenous bankers, brokers, and early trading practices
- Regulatory environment prior to Independence

Unit 2: Post-Independence Expansion and Institutional Framework [10 LH]

- Stock market developments in post-1947 India
- Establishment and role of key institutions (RBI, Controller of Capital Issues)
- Limitations and challenges of the pre-liberalisation era

Unit 3: Liberalisation, Modernisation, and Contemporary Trends [10 LH]

- Impact of economic reforms of 1991 on the stock market
- Establishment of SEBI and the National Stock Exchange (NSE)
- Technological advancements: dematerialisation and electronic trading
- Recent developments and future outlook

Module II

Unit 4: Introduction to Higher Education in India [LH 10]

- The British Rule and the Birth of the Modern University
- The Government's Role After Independence
- National Policies, Reviews and Reforms

Unit 5: Financing of Higher Education in India [LH 10]

- Resources for Indian Higher Education
- Open Universities and Distance Education
- The Private Sector in Indian Higher Education

Unit 6: Challenges to Higher Education in India [LH 10]

- Curricula, Autonomy and Governance
- Research in Higher Education
- The Challenges of Globalization
- Technology in Higher Education

Suggested Readings

Santosh Nair: Bulls, Bears and Other Beasts: A Story of the Indian Stock Market, Pan Macmillan India.
Various authors: Stock Market in India: Working and Reforms, New Century Publications.
Anant Ladha & Pankaj Ladha: The Indian Stock Market Simplified: A Beginner's Guide to Investing and Trading, Penguin Business / Penguin Random House India.
Report of various Commissions on Education/ Higher education in Independence India
Report of various Committees on Education/Higher Education in Independence India
National Policies on Education
Discussion Paper on Government Subsidies
Ministry of Human Resource Development (various years) Selected Educational Statistics, Government of India

M.Com. THIRD SEMESTER

Course Code: **MC -MJR-502**
Course Title: **INDIAN ACCOUNTING STANDARDS**
Prerequisites: None
Course Category: Major
Course Type: Theory

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	To acquire conceptual as well as technical knowledge of the financial accounting	After successful completion of the course, 1. Students will learn fundamental concepts underlying preparation and presentation of Financial Statements in accordance with Indian Accounting Standards. 2. Students will develop the skill to analyse and interpret various kinds of business transactions (i.e. involving recognition). 3. Students will be able to apply their knowledge for preparation and presentation of Financial Statements (i.e. involving measurement and disclosure). 4. Students will develop their knowledge on principles of recognition, measurement & disclosures of various kinds of assets and liabilities like Property, Plant and Equipment, Intangible Assets, Financial Instruments, Provisions, Contingent Liabilities and contingent assets. 5. Students will learn fundamental concepts and applications of Fair Value Measurement, Accounting Policies, Changes in Accounting Estimates and Errors, Events after the Reporting Period.

Module I

UNIT 1: **Conceptual Framework for Financial Reporting under Indian Accounting Standards** **[LH: 12]**

UNIT 2: **Property, Plant and Equipment (IND AS 16)** **[LH: 10]**

UNIT 3: **Intangible Assets (IND AS 38)** **[LH: 08]**

Module II

UNIT 4: **Financial Instruments (IND AS 32, 107 & 109)** **[LH: 12]**

UNIT 5: **Provisions, Contingent Liabilities and Contingent Assets (IND AS 37)** **[LH: 04]**

UNIT 6: **Fair Value Measurement (IND AS 113), Accounting Policies, Changes in Accounting Estimates and Errors (IND AS 8), Events after the Reporting Period (IND AS 10)** **[LH:14]**

[Other important Indian Accounting Standards will be covered in paper MC- MJR-551]

Suggested Readings:

L. S. Porwal: Accounting Theory, Tata McGrew-Hill Publishing Company Limited, New Delhi, Latest Edition.

E. S. Hendriksen: Accounting Theory, Khosla Publishing House, New Delhi, Fourth Edition.

Relevant Publications of the ICAI.

Companies (Indian Accounting Standards) Rules 2015.

Other Materials to be supplied from time to time in the Class Room.

M.Com. THIRD SEMESTER

Course Code: MC-MJR-503 **Course Category: Major**

Course Title: STRATEGIC MARKETING MANAGEMENT AND STRATEGIC HUMAN RESOURCE MANAGEMENT

Prerequisites: Basic knowledge of prior course **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	First part of this course provides an examination of strategic marketing in contemporary business environments. It analyzes marketing's progression from a supporting function to a central driver of organizational growth. Second part of this course is to make acquainted the students with the basic concepts and principles of SHRM and planning and to develop their understanding and analytical skills in decision making under different constraints.	On completion of this course, the student should be able to: (1) Understand the concepts and frameworks of strategic marketing planning and decision-making. (2) Analyze market environments to identify opportunities and threats for strategic positioning. (3) Evaluate competitive strategies and marketing mix decisions to achieve business objectives. (4) Formulate strategic marketing plans integrating customer insights and organizational goals. (5) Assess the impact of digital transformation and innovation on marketing strategy. (6) The students will learn about the fundamentals of strategic human resource management and planning. (7) The students will understand the concepts of Strategic Human Resource Functions. (8) The students will understand the individual and group perspective in the organization.

Module I

UNIT 1: Foundations of Strategic Marketing Management: Meaning, Scope, and Significance of Strategic Marketing Management (SMM), Evolution of Marketing Philosophies: Production, Product, Selling, Marketing, and Holistic Concepts, Contemporary Marketing Approaches, Relationship between Marketing and Strategic Management, Marketing Environment Analysis: Micro and Macro Environment, Strategic Analysis Tools: Marketing Audit, SWOT Analysis, Competitor and Market Analysis: Growth–Share Matrix (BCG), Competitive Advantage, Porter's Three Generic Strategies (Cost Leadership, Differentiation, Focus), Growth Strategies: Ansoff Matrix, Competitive Marketing Strategies: Strategies for Market Leaders, Market Challengers, Market Followers, Market Nichers, Customer Analysis: Factors Influencing Consumer Behaviour, Buying Decision Process, Trends in modern marketing. **[LH: 14]**

UNIT 2: Marketing Mix Strategy: Strategic Role of the Marketing Mix, Market Segmentation: Concept and Importance, Role of Research and Development in Marketing, Bases of Segmentation: Consumer Markets, Industrial Markets, Market Targeting Strategies, Product Positioning, Product Strategy: Product Life Cycle (PLC), New Product Development (NPD) Process**,** Customer Relationship Marketing (CRM) **[LH: 08]**

UNIT 3: Promotion Mix Strategy: Concept and Elements of Promotion Mix, Advertising Strategy: Advertising Objectives, Budgeting Methods, Message Design, Media Selection, Performance Measurement, Sales Promotion, Public Relations, Personal Selling, Event Marketing, Customer Experience and Value Creation and Database Marketing and Its Role in Modern Organizations. **[LH: 08]**

Module II

Unit-4: Introduction to Strategic Human Resource Management (SHRM): [LH: 10]

- **Foundations of SHRM**: Definition, features, Evolution of SHRM, Challenges in SHRM, types of HR Strategies, models of SHRM.
- **Strategic HR Planning & Formulation**: Linking HR strategy with business strategy.

Unit-5: Strategic Human Resource Functions [LH: 10]

- **Talent Management:** Recruitment, retention, and competency mapping.
- **Performance & Compensation:** Strategic performance management and reward systems.
- **Development:** Training, succession planning, and career development

Unit-6: Individual & Group Perspective in Organization Behaviour: [LH: 10]

- **Individual Behaviour:** Personality, Perception, Attitudes, Motivation, Values.
- **Group Behaviour: C**oncept, types, group norms, group roles, and group cohesiveness

Suggested Readings

Aaker, D. A. Strategic market management (12th ed.). Wiley

Chernev, A. Strategic marketing management (11th ed.). Cerebellum Press Kotler, P.,

Keller, K. L., & Chernev, A. Strategic marketing. Pearson Education

Walker, O.C., Mullins, J., & Boyd, H.W. Marketing Strategy: A Decision-Focused Approach. McGraw-Hill Education

Kotler, Philip, Armstrong, G, Agnihotri and Haque: Principals of Marketing- A South Asian Perspective, Pearson Education.

Kotler Philip,Keller, K.L.,Koshy and Jha: Marketing Management- A South Asian Perspective, Pearson Education.

Kotler Philip and Armstrong, G.: Principles of Marketing, PHI.

V.S. Rao Human Resource Management- Text and Cases, Excel Books.

Prasad L.M. Human Resource Management, Sultan & Chand.

Luthans, F. Organisational Behavior-An evidence based approach. (12th ed.). McGraw-Hill Education.

Pareek, U. Understanding Organisational Behavior. Delhi, India: Oxford University Press.

Agarwala Tanuja Strategic Human Resource Management, Oxford University Press.

John Storey and Patrik M. Wright: Strategic Human Resource Management- A Research Overview, Routledge Focus.

Ananda Das Gupta : Strategic Human Resource Management: Formulating and Implementing HR Strategies for a Competitive Advantage Routledge Focus. Ashish Malik : Strategic Human Resource Management and Employment Relations: An International Perspective –Springer.

M.Com. THIRD SEMESTER

Course Code: MC-MNE-504 A **Course Category: Minor Elective**
Course Title: MICRO AND MACRO ECONOMICS **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	To familiarize the students with the impact of economic forces on businesses, consumers and the environment and to develop an understanding of business issues and develop analytic skills for solving business problems.	After successful completion of the course, students will be able to: 1. Examine how individuals, businesses, and governments make decisions by applying fundamental principles of microeconomics and macroeconomics. 2. They will be able to understand how markets function, interpret economic data, think critically about policy matters 3. Assess overall economic performance, including growth, inflation, and development.

Module I

Unit 1: Demand Analysis and Theory of Consumer Behaviour [10 LH]

- Law of Demand and its exceptions
- Elasticity of Demand – Own-price elasticity, Cross-price elasticity, Income elasticity
- Objective of the Consumer – concepts of Cardinal and Ordinal Utility
- The Principle of Utility Maximization- one commodity and two-commodities cases
- Indifference Curve Analysis- the maximization of utility subject to the budget constraint (both graphical and mathematical approaches)
- Demand Forecasting: Concept and different methods
- Oligopoly- Price and Strategic Competition, Collusive Oligopoly

Unit 2: Theory of Production and Cost [05 LH]

- The objective of the producer- the least cost combination of factors,
- Law of Variable Proportions - Relation between AR and MR
- Stages of Production
- Isoquant and its properties – Ridge Lines and Economic Zone of Production
- Elasticity of Substitution
- Returns to Scale
- Short run and long run costs
- Various types of costs and relation between them (both graphical and numerical approaches)

Unit 3: Markets and Determination of Prices [15 LH]

- Definition of a market and its classifications
- Perfect Competition – Features, Equilibrium determination Monopoly – Features
- Price Discrimination, Social Cost of Monopoly Power, Pricing strategies practiced by a monopolist
- Monopolistically Competitive market -Features and Equilibrium determination

Module II

Unit 4: National Income Accounting [08 LH]

- Concepts of National Income – Alternative approaches of measuring national income – Income method, Expenditure method, Value-added method; Difficulties in measurement of NI.
- Circular flow of income
- Paradox of Thrift
- Relation between GDP and welfare of the people

Unit 5: Determination of Equilibrium Level of Income [10 LH]

- Simple Keynesian Model, Consumption, Savings and Investment Function
- Concept of multiplier – Government expenditure multiplier and Tax multiplier, Investment multiplier and Balanced budget multiplier
- IS-LM Model – IS and LM curves, Concepts of Crowding-out Effect and Transmission Mechanism

Unit 6: Consumption and Inflation [12 LH]

- Consumption function- Different hypotheses (concepts only)
- Concept of Money – Functions, Money Demand and Money Supply
- Concept of Inflation and Phillips Curve

Suggested Readings

Ahuja, H.L.: Business Economics- Microeconomic Analysis, Sultan Chand Publications, New Delhi.
Adhikari, M: Business Economics, Exult Books, New Delhi.
Ackley, G: Macro- Economic Theory.
Baumol, Willam: Economic Theory and Operations Analysis, Prentice Hall, London.
Branson: Macro-Economic Theory and Policy.
Dean, Joel: managerial Economics, Prentice Hall, Delhi.
Todero, M: Economic Development in the Third World.
Koutsyanis: Modern Micro-Economics.
Versney, R.L. & Maheshary, K.L.: Managerial Economics, Sultan Chand & Sons , New Delhi.

M.Com. THIRD SEMESTER

Course Code: MC-MNE-504B **Course Category: Minor (Elective)**
Course Title: BEHAVIOURAL FINANCE **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	0	40	10	Nil	Nil	Nil	50	The main aim of the course is to develop an in-depth understanding of psychological influences on financial decision-making and market behaviour, enabling critical analysis of investor actions, anomalies, and behavioural applications in finance.	Students should be able to: 1. Distinguish traditional finance models from behavioural propositions and articulate the foundational context for the subject. 2. Explain how psychological mechanisms shape investor cognition and influence financial decision errors. 3. Apply behavioural choice frameworks to explain risk preferences and evaluate decisions under uncertainty. 4. Analyse and interpret how specific psychological biases and emotional factors distort investor judgement and market behaviour. 5. Critically assess evidence of persistent market anomalies and the behavioural mechanisms underlying them. 6. Apply behavioural insights to corporate contexts and investment strategy formulation.

Module I

Unit 1: Foundations of Behavioural Finance [10 LH]

- Definition, scope, objectives and evolution of behavioural finance; comparison with traditional finance theory.
- Traditional finance assumptions: Efficient Market Hypothesis (EMH), Modern Portfolio Theory (MPT), CAPM and expected utility theory.
- Rational expectations paradigm and the critique from behaviouralists.
- Limits to arbitrage and market inefficiencies.
- Relevance of behavioural finance in modern markets.

Unit 2: Psychological Foundations – Perceptions and Biases [10 LH]

- Psychological bases of financial decision-making.
- Cognitive processing models: dual-system thinking and bounded rationality.
- Perception and decision errors; heuristics.

Unit 3: Investor Behaviour and Decision Anomalies [10 LH]

- Alternatives to expected utility in describing real choice behaviour under risk.
- Prospect theory as a descriptive model of decision making.
- Mental accounting and framing effects.

Module II

Unit 4: Biases, Overconfidence and Emotional Effects [10 LH]

- Deeper exploration of behavioural biases and their impacts.
- Overconfidence, optimism bias and self-attribution.
- Emotional influences such as fear and greed in investment behaviour

Unit 5: Market Anomalies, Social Forces and Collective Behaviour [4 LH]

- Behavioural portfolio theory.
- Equity premium puzzle, momentum, reversal, calendar effects
- Social influence, herd behaviour and collective sentiment.
- Common market anomalies.

Unit 6: Behavioural Corporate Finance and Investment Strategies [10 LH]

- Behavioural aspects in corporate decision-making
- Implications for capital budgeting, financing decisions, dividend policy and mergers & acquisitions
- Neurofinance insights into corporate governance decisions

Suggested Readings

Andrei Shleifer, Inefficient Markets: An Introduction to Behavioral Finance, Oxford University Press.
Hersh Shefrin, Beyond Greed and Fear: Understanding Behavioral Finance and the Psychology of Investing (Harvard Business School Press / Oxford).
James Montier, Behavioural Investing: A Practitioner's Guide to Applying Behavioural Finance, Wiley Finance.
Lucy Ackert & Richard Deaves. Behavioural Finance: Psychology, Decision-Making and Markets, Cengage Learning.
M. M. Sulphey, Behavioural Finance, PHI Learning.
Meir Statman, Behavioural Finance: The Second Generation, CFA Institute Research Foundation.
Prasanna Chandra, Behavioural Finance (2nd Edition), McGraw Hill Education (India) Private Limited, New Delhi.
Shuchita Singh & Shilpa Bahl, Behavioural Finance, Vikas Publishing House.
Sujata Kapoor & Jaya Mamta Prosad, Behavioral Finance: Theory and Application, Routledge/SAGE .William
Forbes, Behavioural Finance, Wiley.

M.Com. THIRD SEMESTER

Course Code: MC-MNE-504C **Course Category: Minor**

Course Title: PROJECT FINANCE **Prerequisites: None** **Course Type: Elective**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	Project Finance aims to develop a comprehensive understanding of financing large-scale projects through structured financial arrangements. It enables students to analyze project feasibility by evaluating technical, economic and financial viability using tools such as cash flow projections, risk assessment, and capital budgeting techniques. The course also focuses on identifying and managing various project risks, structuring debt–equity combinations, and understanding the role of financial institutions. Overall, it equips learners with the skills required to design, appraise, and monitor infrastructure and industrial projects effectively.	The students will be able to: 1. explain the fundamental concepts, principles, and structure of project finance; 2. analyze the technical, economic, and financial feasibility of projects using appropriate appraisal tools; 3. prepare and interpret projected financial statements and cash flow estimates for projects; 4. evaluate project viability using capital budgeting techniques such as NPV, IRR, and Payback Period; 5. identify and assess various risks associated with projects and propose suitable risk mitigation strategies; 6. design appropriate financing structures by determining optimal debt–equity mix and sources of long-term funds.

Module I

Unit I: Introduction to Project Finance: [12 LH]

Concept, features, and importance of Project Finance - Distinction between Project Finance and Corporate Finance - Role of financial institutions and banks in project financing.

Unit 2: Project Identification and Formulation [8 LH]

Project idea generation and screening - Technical feasibility and location analysis - Environmental and social considerations.

Unit 3: Project Costing and Means of Finance [10 LH]

Components of project cost and cost estimation - Means of finance: equity, preference capital, debt, venture capital - Capital structure and debt–equity mix

Module II

Unit 4: Financial Appraisal of Projects [12 LH]

Projected financial statements and cash flow estimation - Capital budgeting techniques (NPV, IRR, PI, Payback Period) - Break-even analysis - Sensitivity and scenario analysis.

Unit 5: Project Risk Analysis and Management [9 LH]

Types of project risks (financial, operational, market, political) - Risk identification and allocation - Risk mitigation techniques - Role of insurance and guarantees.

Unit 6: Project Implementation and Monitoring [9 LH]

Project control and performance evaluation - Post-completion audit and project review - Contemporary issues in infrastructure and PPP projects.

Suggested Readings

Prasanna Chandra: Projects: Planning, Analysis, Selection, Financing, Implementation and Review. McGraw-Hill

E.R. Yescombe: Principles of Project Finance. Academic Press

Jack R. Meredith, Shafer et al.: Project Finance (an Indian Adaptation). Wiley

Carl Knight: Project Finance in Theory and Practice. Oxford University Press

H.R. Machiraju: Introduction to Project Finance. Vikas Publishing House

Ambrish Gupta: Project Finance. PHI Learning

M.Com. THIRD SEMESTER

Course Code: MC-MNE-505 **Course Category: Minor (Elec.)**

Course Title: CORPORATE GOVERNANCE AND FINANCIAL SERVICES **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	The first part of this course is designed to equip students with the ability to comprehend and design corporate governance frameworks. The second part of this course aims to develop an understanding of the structure and functioning of the financial system and its institutions. Additionally, it familiarises students with regulatory frameworks and emerging trends in the financial services sector.	On completion of this course, the student should be able to: (1) explain the conceptual framework of corporate governance, including its nature, scope, theories, models, and distinctions from business and corporate organizations; (2) analyze recent issues in corporate governance, such as board composition, independent and women directors, board committees, remuneration, whistle-blowing mechanisms, institutional investor roles, and diversity; (3) evaluate the corporate governance regulatory framework in India, including relevant codes, committees, CSR linkages, and lessons from major corporate failures and scams; (4) apply corporate governance theories and models to real-world board structures, processes, and challenges faced by Indian corporations; (5) understand the financial services available and their working in the financial system; (6) have an awareness of the concepts, current structure and working of the Indian financial services sector.

Module I

UNIT 1: Conceptual Framework of Corporate Governance: Business and Corporate Organisation – An Overview, Corporate Governance – Concept, Nature and Scope, Corporate Governance Theories and Models. **[LH: 10]**

UNIT 2: Recent Issues and Challenges of Corporate Governance: Board Structure and Process – Board Composition, Independent Directors, Women Directors, Board Committees, board Remuneration; Whistle-Blowing Mechanism, Role of Institutional Investors, Corporate Governance Diversity. **[LH: 12]**

UNIT 3: Corporate Governance Regulatory Framework in India: Corporate Regulatory Framework in India, Code and Committees on Corporate Governance in India, CSR and Corporate Governance, Corporate Failures and Scams in India. **[LH: 08]**

Module II

UNIT 4: Fundamentals of Financial Services: Concept, scope, and importance of financial services in the economy - Structure of the financial system and role of financial institutions - Overview of financial markets and financial instruments. **[LH:10]**

UNIT 5: Financial Services and Products: Fund-based and Non fund-based financial services – Mutual fund, Merchant banking, Venture capital, Leasing, Hire-Purchase, Factoring, Credit rating. **[LH:10]**

UNIT 6: Regulation and Emerging Trends in Financial Services: Regulatory framework and role of financial regulators - Financial inclusion - Digital financial services. **[LH:10]**

Suggested Readings

Jhunjhunwala, S.: Corporate Governance: Creating Value for Stakeholders. Palgrave Macmillan
Das, Subhamoy: Perspectives on Financial Services. Allied Publishers.
Monks, R. A. G., & Minow, N.: Corporate Governance. John Wiley & Sons
Pathak, Bharati V.: The Indian Financial System. Pearson Education
Sharma, J. P.: Corporate Governance, Business Ethics and CSR. Ane Publishing
Khan, M.Y.: Financial Services. McGraw Hill
Tricker, B.: Corporate Governance: Principles, Policies, and Practices. Oxford University Press Gordon, E., & Natarajan, K.: Financial Markets and Services. Himalaya Publishing House
Securities and Exchange Board of India (SEBI): Listing Obligations and Disclosure Requirements Regulations, Chapter IV. https://www.sebi.gov.in
Companies Act, 2013. Parliament of India
Agrawal, Sanjiv: Corporate Governance: Concept & Dimensions. Snow White Publications Pvt. Ltd
Mallin, Christine A.: Corporate Governance (Indian Edition). Oxford University Press

M.Com. THIRD SEMESTER

Course Code: MC-MNE-505B **Course Category: Minor**

Course Title: CORPORATE FINANCE **Prerequisites: None** **Course Type: Elective**

<table>
<tr><th colspan="4">Credit Structure</th><th colspan="6">Marks Distribution</th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><td rowspan="2">Lecture</td><td rowspan="2">Tutorial</td><td rowspan="2">Practice</td><td rowspan="2">Total Credit</td><td rowspan="2">Summative Assessment</td><td colspan="4">Continuous Assessment</td><td rowspan="2">Total Marks</td><td rowspan="3">It aims to provide students with a comprehensive understanding of the principles and practices of Corporate Finance. Corporate Finance also enables students to develop analytical skills required for making sound investment, financing and dividend decisions. Moreover, it equips learners with techniques for evaluating capital budgeting proposals and determining cost of capital and to enhance understanding of working capital management and its role in ensuring liquidity and profitability of firms.</td><td rowspan="3">After successful completion of the course, students will be able to:
1. Explain the scope, objectives, and key financial decisions involved in Corporate Finance.
2. Apply time value of money concepts to solve financial valuation problems.
3. Evaluate capital investment proposals using traditional and discounted cash flow techniques.
4. Compute cost of capital and analyze optimal capital structure decisions.
5. Assess the impact of leverage and dividend policies on firm value.
6. Analyze working capital requirements and formulate effective short-term financial management strategies.</td></tr>
<tr><td>IA</td><td>PRJ</td><td>PRC</td><td>Viva</td></tr>
<tr><td>3</td><td>1</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Module I

Unit 1: Introduction to Corporate Finance: [8 LH]

Meaning, scope, and objectives of Corporate Finance - Role and functions of a Financial Manager - Financial decision-making: Investment, Financing and Dividend decisions.

Unit 2: Time Value of Money and Valuation: [12 LH]

Concept of Time Value of Money - Compounding and Discounting techniques - Valuation of Bonds and Debentures - Valuation of Equity Shares and Preference Shares.

Unit 3: Capital Budgeting Decisions: [10 LH]

Nature and significance of Capital Budgeting - Traditional techniques: Payback Period and Accounting Rate of Return (ARR) - Discounted Cash Flow techniques: NPV, IRR, PI - Risk analysis in Capital Budgeting.

Module II

Unit 4: Cost of Capital and Capital Structure: [12 LH]

Meaning and components of Cost of Capital - Calculation of Cost of Debt, Preference Capital, and Equity Capital - Weighted Average Cost of Capital (WACC) - Capital Structure Theories: Net Income (NI), Net Operating Income (NOI), Modigliani-Miller (MM).

Unit 5: Financing and Dividend Decisions: [8 LH]

Sources of Long-term and Short-term Finance - EBIT–EPS Analysis - Leverage: Operating, Financial, and Combined - Dividend Policy Theories (Walter, Gordon, MM).

Unit 6: Working Capital Management: [10 LH]

Concepts and importance of Working Capital - Determinants of Working Capital requirements - Management of Cash, Receivables and Inventory - Working Capital Financing and Management strategies.

Suggested Readings

Parrino et al.: Fundamentals of Corporate Finance (An Indian Adaptation). Wiley India

Krishnamurti & Vishwanath: Advanced Corporate Finance. PHI Learning Pvt. Ltd.

Ross et al.: Corporate Finance. McGraw Hill Education (India)

Ahuja, Dawar & Arrawatia: Corporate Finance. PHI Learning Pvt. Ltd.

Brealey, Myers et al.: Principles of Corporate Finance. McGraw Hill

M.Com. THIRD SEMESTER

Course Code: MC-MNE-505C **Course Category: Minor (Elec.)**

Course Title: BUSINESS VALUATION **Prerequisites: None** **Course Type: Theory**

<table>
<tr><th colspan="4">Credit Structure</th><th colspan="6">Marks Distribution</th><th>Objective</th><th>Course Learning Outcomes</th></tr>
<tr><td rowspan="2">Lecture</td><td rowspan="2">Tutorial</td><td rowspan="2">Practice</td><td rowspan="2">Total Credit</td><td rowspan="2">Summative Assessment</td><td colspan="4">Continuous Assessment</td><td rowspan="2">Total Marks</td><td rowspan="3">This course will give a solid grasp of business valuation methods—from classic ways to value stocks and entire companies, to relative comparisons and probabilistic models. It'll focus on real-world use in all sorts of situations, like valuing startups, private businesses, banks, or deals in mergers and acquisitions.</td><td rowspan="3">On completion of this course, the student will be able to:
(1) Explain the core concepts, issues, and approaches to equity valuation, including Dividend Discount Models and Free Cash Flow to Equity Models.
(2) Apply firm valuation techniques such as Free Cash Flow to the Firm, Cost of Capital, and Adjusted Present Value approaches to estimate enterprise value.
(3) Evaluate relative valuation multiples like P/E Ratio, PEG Ratio, EV/EBITDA, P/B, Tobin's Q, and Revenue Multiples, demonstrat- ing their fundamental principles and limitations.
(4) Analyze specific valuation challenges for financial service firms, startups, private firms, and in mergers/acquisitions contexts.
(5) Compute bond valuations, yields, price-yield relationships, dura- tion, and immunization strategies to assess interest rate sensitivity.
(6) Utilize probabilistic tools including scenario analysis, decision trees, and simulations to incorporate uncertainty in business valua- tions.</td></tr>
<tr><td>IA</td><td>PRJ</td><td>PRC</td><td>Viva</td></tr>
<tr><td>3</td><td>1</td><td>0</td><td>4</td><td>40</td><td>10</td><td>Nil</td><td>Nil</td><td>Nil</td><td>50</td></tr>
</table>

Module I

UNIT 1: Introduction to Business Valuation: Concept and Issues of valuation, Approaches to Equity Valuation- Dividend Discount Models, Free Cash Flow to Equity Models. **[LH: 14]**

UNIT 2: Firm Valuation: Free Cash Flow to the Firm, Cost of capital approach and adjusted present value approach to firm valuation. **[LH: 08]**

UNIT 3: Relative Valuation: Fundamental Principles of Relative Valuation, Price-Earnings Ratio, PEG Ratio, Enterprise Value to EBIDTA Multiple, Price to Book Equity, Tobin 's Q, Revenue Multiples. **[LH: 08]**

Module II

UNIT 4: Specific issues in Valuation: Valuing Financial Service Firms and Firms with Negative Earnings, Valuing Start-up Firms, Valuing Private Firms, Business Valuation vis-à-vis Mergers and Acquisitions. **[LH: 12]**

UNIT 5: Bond Valuation: Characteristics of Bonds, Bond Yields, Price-Yield Relationship, Interest Rate Sensitivity, Duration, Immunisation. **[LH: 12]**

UNIT 6: Probabilistic Approaches in Valuation: Scenario Analysis, Decision Trees, Simulations. **[LH: 06]**

Suggested Readings

Damodaran, — Investment Valuation‖, University Edition, Wiley. Damodaran, A., Valuation, John Wiley & Sons.

Fabozzi, F.J — Bond Markets, Analysis and Strategies‖, Pearson. Palepu, K. G., Peek, E. and Bernard, V.L. Business Valuation and Analysis, IFRS Edition, Cengage Learning.

M.Com.

FOURTH SEMESTER

M.Com. FOURTH SEMESTER

Course Code: **MC -MJR-551** **Course Category: Major**
Course Title: **CORPORATE ACCOUNTING AND REPORTING** **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	Nil	Nil	Nil	50	To acquire conceptual as well as technical knowledge of solving the financial accounting problems	After successful completion of the course, students will develop the skill to solve real life accounting problems.

Module I

UNIT 1: Revenue Recognition (IND AS 115) **[LH: 08]**

UNIT 2: Income Taxes (IND AS 12) **[LH: 06]**

UNIT 3: Preparation & Presentation of Financial Statements (Relevant Provisions of the Companies Act, 2013 & SEBI Regulations, IND AS 1) **[LH: 16]**

Module II

UNIT 4: Business Combinations (IND AS 103) **[LH: 10]**

UNIT 5: Consolidated Financial Statements (IND AS 110) & Separate Financial Statements (IND AS 27) **[LH: 10]**

UNIT 6: Valuation of Goodwill and Shares **[LH: 10]**

Suggested Readings:

M.C. Shukla, T.S. Grewal and S.C. Gupta: Advanced Accountancy, Vol. II, S.CHAND, New Delhi, Latest Edition.
Relevant Publications of the ICAI.
Companies (Indian Accounting Standards) Rules 2015.
Other Materials to be supplied from time to time in the Class Room
Companies Act, 2013 and Relevant Rules
SEBI Act, 1992 and Relevant Regulations

M.Com. FOURTH SEMESTER

Course Code: MC -MNR-552 | **Course Category: Minor (Th)**

Course Title: SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT | **Prerequisites: None** | **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	--	--	--	50	The course on Security Analysis enables the students to learn how investors allocate funds across diverse securities. It imparts knowledge of critical parameters requisite for judicious investment decisions. Portfolio Management constitutes the practical application of these principles, addressing real-world risks and opportunities.	On completion of this course, the student will be able to: (1) understand and recall the fundamental concepts, principles, and practices of investment decision-making (2) analyze and evaluate investment alternatives and securities using key financial concepts, valuation models, and data interpretation (3) design and justify investment strategies through technical analysis and justify investment decisions based on the Efficient Market Hypothesis (4) select best portfolio with the help of different portfolio selection models, predict the performance of the portfolio with different techniques and understand different styles of portfolio management.

Module I

UNIT 1: Investment: Analysis & Environment: Nature and scope of investment analysis, elements of investment, avenues of investment, approaches to investment analysis; Factors influencing selection of investment alternatives; Sources of financial information. **[6 LH]**

UNIT 2: Fundamental and Technical Analysis: Economic analysis, Industry analysis and Company analysis; Basic tenets of technical analysis; Trends, indicators, indices and moving averages applied in technical analysis; Dow Theory. **[14 LH]**

UNIT 3: Security Valuation and Efficient Market Hypothesis: Valuation of equity shares & bonds; Stock valuation models, Forms of EMH: Weak, Semi-strong and Strong – EMH and empirical findings, Implication of EMH on fundamental and technical analysis – Market inefficiencies, Relevant tests of efficiency. **[10 LH]**

Module II

UNIT 4: Risk-Return Relationship: Concept of return and risk; Ex-ante and Ex-post returns; Types of risk; Measurement of return and risk; Two-asset portfolio case. **[9 LH]**

UNIT 5: Portfolio Analysis: Markowitz risk-return optimization; Efficient frontier and selection of optimal portfolio; Sharpe's Single Index Model. **[6 LH]**

UNIT 6: Capital Market Theory and Portfolio Risk Analysis: Capital Asset Pricing Model (CAPM); Capital market line (CML); Security market line (SML); Asset pricing implication of SML; Portfolio selection under risk-free lending and borrowing; Arbitrage Pricing Theory; Risk adjusted measures of return ((Sharpe's Ratio, Treynor's Ratio, Jensen's Alpha; Factor models). **[15 LH]**

Suggested Readings

Prasanna Chandra, Investment Analysis and Portfolio Management, Tata McGraw Hill
Punithavathy Pandian, Security Analysis and Portfolio Management, Vikas Publishing House Pvt. Ltd
Fischer & Jordan, Security Analysis and Portfolio Management, Prentice Hall India
V. A. Avadhani, Investment and Securities Market in India, Himalaya Publishing
House Railley and Brown, Investment Analysis and Portfolio Management, Cengage
Learning Sharpe, Alexander and Baily, Investments, Prentice Hall India

M.Com. FOURTH SEMESTER

Course Code: **MC -SEC-553**
Course Title: **AUDIT AND ASSURANCE**
Prerequisites: None
Course Category: Major
Course Type: Theory

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	1	0	4	40	10	--	--	--	50	To acquire conceptual as well as technical knowledge of audit of the financial statements and of assurance function.	After completing this course, students will -: 1. Develop the skill- to undertake audit of financial statements of all entities in general and of the companies in particular, and also to write Audit Reports under different situations. 2. They will also gain the concept of applicability of assurance services, other than auditing.

Module I

UNIT 1: Audit of Limited Companies and LLPs: Internal Financial Control, Statutory requirement under the Companies Act, 2013 in connection with audit; Cost Audit, Secretarial Audit. Audit of LLPs. **[LH:12]**

UNIT 2: Audit Reports: Difference between report and certificate; Different types of opinion in audit reports; Emphasis of Matters in Audit Reports. Formats of Audit Reports under SA 700, SA 705, and SA 706. **[LH-12]**

UNIT 3: CARO: Applicability, and items to be dealt with by the Auditor. **[LH: 06]**

Module II

UNIT 4: Auditing Standards-Provisions of the Companies Act, 2013; Some of the Auditing Standards, like- SA 200, SA 210, SA 230, SA 240, SA 299, SA 500, SA 530, etc. **[LH:12]**

UNIT 5: Auditing in Computerized Information System (CIS) Environment. **[LH:08]**

UNIT 6: Recent Trend s in Auditing: Management audit; Energy audit; Environment audit; Systems audit, Safety audit. **[LH:10]**

Suggested Readings

S K Basu: Auditing and Assurance, Pearson, New Delhi.
Kamal Gupta: Contemporary Auditing, Tata McGraw Hill, New Delhi.
Auditing Standards and other publications of the ICAI.
Companies Act 2013, and Rules and Orders thereof.
Limited Liability Partnership Act, 2008

M.Com. FOURTH SEMESTER

Course Code: MC-SEC-554 **Course Category: Skill Enhancement**

Course Title: ECONOMETRICS AND APPLICATIONS OF STATISTICAL SOFTWARE **Prerequisites: None** **Course Type: Theory**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
3	–	1	4	40	--	--	10	--	50	The aim of the course is designed to build strong foundations in econometric modeling and provide rigorous training in econometric theory and extensive exposure to statistical software applications relevant to commerce, finance, and policy research.	After successful completion of the course, students will be able to: 1. Explain and critically evaluate econometric models and assumptions. 2. Diagnose and correct econometric problems using appropriate tests. 3. Develop hands-on competence for statistical analysis in commerce and management. 4. Interpret outputs for academic and professional reporting. 5. Prepare professional-quality analytical reports based on software outputs, adhering to academic research standards. 6. Design and execute a mini empirical research project independently using statistical software, demonstrating analytical, interpretative, and presentation skills.

Module I

Unit 1: Introduction to Econometrics [06 LH]

- Introduction to Econometrics
- Role of econometrics in commerce, finance, and management
- Problems in Regression Models: Multicollinearity, Normality, Heteroscedasticity, Autocorrelation - causes, detection, and corrective measures
- Qualitative variables and dummy variable techniques
- Model specification errors and omitted variable bias

Unit 2: Time Series Econometrics [12 LH]

- Components of time series data
- ARIMA and forecasting methods
- Stationarity and unit root testing
- Cointegration tests
- Applications in finance, marketing, and corporate decision-making

Unit 3: Panel Data Econometrics [12 LH]

- Nature, advantages, and limitations of panel data
- Fixed Effects and Random Effects models
- Model selection tests
- Panel stationarity and panel unit root testing
- Applications in finance, marketing, and corporate decision-making

Module II

Unit 4: Introduction to SPSS and EViews Software [06 LH]

- Overview and scope of SPSS in commerce research
- SPSS interface, menus, and data editor
- Types of variables and measurement scales
- Importing data from Excel and CSV files
- Overview of EViews and its relevance in statistics and econometrics
- Workfile creation and data structure
- Importing time series and panel data
- Data transformation and generation of variables

Unit 5: Data Management and Data Visualization using SPSS [12 LH]

- Data coding, recoding, transformation, handling missing values and outliers
- Frequency tables and cross-tabulation
- Measures of central tendency and dispersion
- Bar charts, line charts, histograms, boxplots, Scatter diagrams
- Pearson and Spearman correlation
- Hypothesis testing
- Regression modelling

Unit 6: Time Series and Panel Data Analysis using EViews [12 LH]

- Time Series Analysis: Basic forecasting techniques, stationarity, unit root testing, and cointegration tests
- Panel Data Analysis: Panel data structure, Fixed Effects and Random Effects models, model selection tests, stationarity, and unit root testing

Suggested Readings

Brooks, *Introductory Econometrics for Finance* (4th ed.). Cambridge University Press. Enders, W. *Applied Econometric Time Series* (4th ed.). Wiley.

EViews User's Guide I & II (Latest Version). IHS Markit / EViews.com.

Field, A. *Discovering Statistics Using IBM SPSS Statistics* (5th ed.). Sage Publications. Green, W. H. *Econometric Analysis* (8th ed.). Pearson Education.

Gujarati, D. N., & Porter, D. C.*Basic Econometrics* (5th ed.). McGraw-Hill Education.

Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. *Multivariate Data Analysis* (8th ed.). Cengage Learning.

Pallant, J. *SPSS Survival Manual: A Step-by-Step Guide to Data Analysis Using IBM SPSS* (7th ed.). McGraw-Hill Education. Studenmund, A. H. *Using Econometrics: A Practical Guide* (7th ed.). Pearson Education.

Wooldridge, J. M. *Introductory Econometrics: A Modern Approach* (7th ed.). Cengage Learning.

M.Com. FOURTH SEMESTER

Course Code: **MC -JOT-555**

Course Category: Job oriented Training

Course Title: **E-filing of GST AND Income Tax Returns**

Prerequisites: None

Course Type: Practical

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
1	0	3	4	40	10	Nil	Nil	Nil	50	To impart hands-on-training to the students in the Computer Lab. to e-file Income Tax Returns and GST Returns.	After completion of the course - (i) The students will acquire knowledge & skill about filing of Income Tax Returns and GST Returns in real life scenario. (ii) Their employability will increase to a great extent since there is dearth of skill hands in these fields.

UNIT 1: E-filing of Income Tax Returns- **[LH-13]**

ITR 1, ITR 2, ITR 3 and ITR 5

ITR 1, ITR 2, ITR 3 and ITR 5

UNIT 2: E-filing of Income Tax-TDS Return **[LH-4]**

UNIT 3: E-filing of GST Returns

GSTR-1, GSTR-3B, GSTR-2A, GSTR-2B, GSTR-4, GSTR-9. **[LH-13]**

M.Com. FOURTH SEMESTER

Course Code: MC-GRP-599

Course Title: GUIDED RESEARCH PROJECT **Prerequisites: None** **Course Type: Dissertation**

Credit Structure				Marks Distribution						Objective	Course Learning Outcomes
Lecture	Tutorial	Practice	Total Credit	Summative Assessment	Continuous Assessment				Total Marks		
					IA	PRJ	PRC	Viva			
1	3	0	4	40	10	Nil	Nil	Nil	50	The aim of the course is designed to identify business or financial problems, analyze causes, and suggest practical solutions.	After successful completion of the Guided Research Project, students will be able to: (1) relate theoretical knowledge from commerce disciplines to real-world business and economic issues. (2) prepare structured research reports using proper citation styles, referencing systems, and professional presentation formats. (3) evaluate alternative solutions and propose practical recommendations based on research findings. (4) present research findings evidently through written reports, tables, charts, and oral presentations.

The department will:
(1) Provide research orientation sessions.
(2) Approve research project topics.
(3) Monitor progress through periodic reviews.

Timeline for Students (Total 6 Months)

Stage	Month
Topic Selection	1st
Literature Review	2nd
Data Collection	3 – 4th
Analysis	5th
Report Writing	6th