



THIRUVALLUVAR UNIVERSITY
SERKKADU, VELLORE-632115

M.COM., GENERAL

SYLLABUS

FROM THE ACADEMIC YEAR
2023 – 2024

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M.Com., GENERAL

Programme Objectives:

The M.Com. Post Graduate Degree program encompasses advancements in the fields of finance, marketing, management, accounting, law, taxation, entrepreneurship, organisational behaviour, computer applications, research, etc., to equip students with indepth knowledge and skills required to cope with the dynamics of the constantly changing business environment and technological upgradations.

This program provides the framework to enhance the learner's acumen, logical and analytical thinking through mandatory internships and research projects which facilitates industry exposure, ensuring job readiness and confidence to become job providers.

TANSICHE REGULATIONS ON LEARNING OUTCOMES-BASED CURRICULUM FRAMEWORK FOR POSTGRADUATE EDUCATION	
Programme	M.COM GENERAL
Programme Code	
Duration	PG - Two Years
Programme Outcomes (Pos)	<p>PO1: Problem Solving Skill</p> <p>Apply knowledge of Management theories and Human Resource practices to solve business problems through research in Global context.</p> <p>PO2: Decision Making Skill</p> <p>Foster analytical and critical thinking abilities for data-based decision-making.</p> <p>PO3: Ethical Value</p> <p>Ability to incorporate quality, ethical and legal value-based perspectives to all organizational activities.</p> <p>PO4: Communication Skill</p> <p>Ability to develop communication, managerial and interpersonal skills.</p>

	<p>PO5: Individual and Team Leadership Skill</p> <p>Capability to lead themselves and the team to achieve organizational goals.</p> <p>PO6: Employability Skill</p> <p>Inculcate contemporary business practices to enhance employability skills in the competitive environment.</p> <p>PO7: Entrepreneurial Skill</p> <p>Equip with skills and competencies to become an entrepreneur.</p> <p>PO8: Contribution to Society</p> <p>Succeed in career endeavors and contribute significantly to society.</p> <p>PO 9 Multicultural competence</p> <p>Possess knowledge of the values and beliefs of multiple cultures and a global perspective.</p> <p>PO 10: Moral and ethical awareness/reasoning</p> <p>Ability to embrace moral/ethical values in conducting one's life.</p>
<p>Programme Specific Outcomes (PSOs)</p>	<p>PSO1 – Placement</p> <p>To prepare the students who will demonstrate respectful engagement with others' ideas, behaviors, beliefs and apply diverse frames of reference to decisions and actions.</p> <p>PSO 2 - Entrepreneur</p> <p>To create effective entrepreneurs by enhancing their critical thinking, problem solving, decision making and leadership skill that will facilitate startups and high potential organizations.</p>

	<p>PSO3 – Research and Development</p> <p>Design and implement HR systems and practices grounded in research that comply with employment laws, leading the organization towards growth and development.</p> <p>PSO4 – Contribution to Business World</p> <p>To produce employable, ethical and innovative professionals to sustain in the dynamic business world.</p> <p>PSO 5 – Contribution to the Society</p> <p>To contribute to the development of the society by collaborating with stakeholders for mutual benefit.</p>
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Template for P.G., Programmes

[illegible]

Choice Based Credit System (CBCS), Learning Outcomes Based Curriculum Framework (LOCF) Guideline Based Credits and Hours Distribution System for all Post – Graduate Courses including Lab Hours

First Year – Semester – I

Part	List of Courses	Credits	No. of Hours
	Core – I	5	7
	Core – II	5	7
	Core – III	4	6
	Elective – I	3	5
	Elective – II	3	5
		20	30

Semester-II

Part	List of Courses	Credits	No. of Hours
	Core – IV	5	6
	Core – V	5	6
	Core – VI	4	6
	Elective – III	3	4
	Elective – IV	3	4
	Skill Enhancement Course [SEC] - I	2	4
		22	30

Second Year – Semester – III

Part	List of Courses	Credits	No. of Hours
	Core – VII	5	6
	Core – VIII	5	6
	Core – IX	5	6
	Core (Industry Module) – X	4	6
	Elective – V	3	3
	Skill Enhancement Course - II	2	3
	Internship / Industrial Activity [Credits]	2	-
		26	30

Semester-IV

Part	List of Courses	Credits	No. of Hours
	Core – XI	5	6
	Core – XII	5	6
	Project with VIVA VOCE	7	10
	Elective – VI (Industry Entrepreneurship)	3	4
	Skill Enhancement Course – III / Professional Competency Skill	2	4
	Extension Activity	1	-
		23	30

Total 91 Credits for PG Courses

METHODS OF EVALUATION		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments / Snap Test / Quiz	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
Total		100 Marks
METHODS OF ASSESSMENT		
Remembering (K1)	<ul style="list-style-type: none"> • The lowest level of questions require students to recall information from the course content • Knowledge questions usually require students to identify information in the textbook. 	
Understanding (K2)	<ul style="list-style-type: none"> • Understanding of facts and ideas by comprehending organizing, comparing, translating, interpolating and interpreting in their own words. • The questions go beyond simple recall and require students to combine data together 	
Application (K3)	<ul style="list-style-type: none"> • Students have to solve problems by using / applying a concept learned in the classroom. • Students must use their knowledge to determine a exact response. 	
Analyze (K4)	<ul style="list-style-type: none"> • Analyzing the question is one that asks the students to break down something into its component parts. • Analyzing requires students to identify reasons causes or motives and reach conclusions or generalizations. 	
Evaluate (K5)	<ul style="list-style-type: none"> • Evaluation requires an individual to make judgment on something. • Questions to be asked to judge the value of an idea, a character, a work of art, or a solution to a problem. • Students are engaged in decision-making and problem – solving. • Evaluation questions do not have single right answers. 	
Create (K6)	<ul style="list-style-type: none"> • The questions of this category challenge students to get engaged in creative and original thinking. • Developing original ideas and problem solving skills 	

**PROGRAMME OUTCOMES (PO) - PROGRAMME SPECIFIC
OUTCOMES (PSO) MAPPING**

PROGRAMME SPECIFIC OUTCOMES (PSO)					
	PO1	PO2	PO3	PO4	PO5
PSO1	3	3	3	3	3
PSO2	3	3	3	3	3
PSO3	3	3	3	3	3
PSO4	3	3	3	3	3
PSO5	3	3	3	3	3

Level of Correlation between PO's and PSO's

(Suggested by UGC as per Six Sigma Tool – Cause and Effect Matrix)

Assign the value

1 – Low

2 – Medium

3 – High

0 – No Correlation

Credit Distribution for PG Programme in Commerce**M.Com. (General)****First Year****Semester I**

	Course	Credit	Hours per Week
Part I	Core I - Business Finance	5	7
	Core II - Digital Marketing	5	7
	Core III - Banking and Insurance	4	6
	Elective IA-Security Analysis and Portfolio Management (or) I B - Operations Research	3	5
	Elective II A - Labour Laws (or) II B - Strategic Human Resource Management	3	5
		20	30

M.Com. (General)**First Year Core –ISemester I****BUSINESS FINANCE**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	BUSINESS FINANCE		7	-	-	-	5	7	25	75	100

	Learning Objectives
1	To outline the fundamental concepts in finance
2	To estimate and evaluate risk in investment proposals
3	To evaluate leasing as a source of finance and determine the sources of startup financing
4	To examine cash and inventory management techniques
5	To appraise capital budgeting techniques for MNCs

Course Units

UNIT I (18 hrs) Introduction to Business Finance and Time value of money Business Finance: Meaning, Objectives, Scope -Time Value of money: Meaning, Causes – Compounding – Discounting – Sinking Fund Deposit Factor – Capital Recovery Factor – Multiple Compounding– Effective rate of interest – Doubling period (Rule of 69 and Rule of 72) – Practical problems.
UNIT II(18 hrs) Risk Management Risk and Uncertainty: Meaning – Sources of Risk – Measures of Risk – Measurement of Return – General pattern of Risk and Return – Criteria for evaluating proposals to minimise Risk (Single Asset and Portfolio) – Methods of Risk Management–Hedging currency risk.

UNIT III	(18 hrs)
Startup Financing and Leasing	
Startup Financing: Meaning, Sources, Modes (Bootstrapping, Angel investors, Venture capital fund) - Leasing: Meaning – Types of Lease Agreements – Advantages and Disadvantages of Leasing – Financial evaluation from the perspective of Lessor and Lessee.	
UNIT IV	(18 hrs)
Cash, Receivable and Inventory Management	
Cash Management: Meaning, Objectives and Importance – Cash Cycle – Minimum Operating Cash – Safety level of cash – Optimum cash balance - Receivable Management: Meaning – Credit policy – Controlling receivables: Debt collection period, Ageing schedule, Factoring – Evaluating investment in accounts receivable - Inventory Management: Meaning and Objectives – EOQ with price breaks – ABC Analysis.	
UNIT V	(18 hrs)
Multi National Capital Budgeting	
Multi National Capital Budgeting: Meaning, Steps involved, Complexities, Factors to be considered– International sources of finance – Techniques to evaluate multi-national capital expenditure proposals: Discounted Pay Back Period, NPV, Profitability Index, Net Profitability Index and Internal Rate of Return – Capital rationing -Techniques of Risk analysis in Capital Budgeting.	

Theory 40%; Problems: 60%

Course Outcomes

Students will be able to

CO No.	CO Statement	Knowledge level
CO 1	Explain the important finance concepts	K2
CO 2	Estimate risk and determine its impact on return	K5
CO 3	Examine leasing and other sources of finance for startups	K4
CO 4	Summarise cash, receivable and inventory management techniques	K2
CO 5	Evaluate techniques of long term investment decision incorporating risk factor	K5

Books for study: <ol style="list-style-type: none"> 1. Maheshwari S.N., (2019), “Financial Management Principles and Practices”, 15th Edition, Sultan Chand & Sons, New Delhi. 2. Khan M.Y & Jain P.K, (2011), “Financial Management: Text, Problems and Cases”, 8th Edition, McGraw Hill Education, New Delhi. 3. Prasanna Chandra, (2019), “Financial Management, Theory and Practice”, 10th Edition, McGraw Hill Education, New Delhi. 4. Apte P.G, (2020), “International Financial Management” 8th Edition, Tata McGraw Hill, New Delhi.
Books for reference: <ol style="list-style-type: none"> 1. Pandey I. M., (2021), “Financial Management”, 12th Edition, Pearson India Education Services Pvt. Ltd, Noida. 2. Kulkarni P. V. & Satyaprasad B. G., (2015), “Financial Management”, 14th Edition, Himalaya Publishing House Pvt Ltd, Mumbai. 3. Rustagi R. P., (2022), “Financial Management, Theory, Concept, Problems”, 6th Edition, Taxmann Publications Pvt. Ltd, New Delhi. 4. Arokiamary Geetha Rufus, Ramani N. & Others, (2017), “Financial Management”, 1st Edition, Himalaya Publishing House Pvt Ltd, Mumbai.
Web references: <ol style="list-style-type: none"> 1. https://resource.cdn.icai.org/66674bos53808-cp8.pdf 2. https://resource.cdn.icai.org/66677bos53808-cp10u2.pdf 3. https://resource.cdn.icai.org/66592bos53773-cp4u5.pdf 4. https://resource.cdn.icai.org/65599bos52876parta-cp16.pdf

Note: Latest edition of the books may be used

Mapping of Course Outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO1	3	3	1	3	3	3	2	2	2
CO2	3	3	2	3	3	3	3	3	3
CO3	2	2	1	2	2	2	3	2	2
CO4	2	2	1	2	2	2	2	2	2
CO5	3	3	2	3	3	3	3	3	3

High – 3

Medium – 2

Low – 1

M.Com. (General)**First Year****Core – IISemester I****DIGITAL MARKETING**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	DIGITAL MARKETING		5	-	-	-	5	7	25	75	100

	Learning Objectives
1	To assess the evolution of digital marketing
2	To appraise the dimensions of online marketing mix
3	To infer the techniques of digital marketing
4	To analyse online consumer behaviour
5	To interpret data from social media and to evaluate game based marketing

Course Units

UNIT I (18 hrs) Introduction to Digital Marketing Digital Marketing – Transition from traditional to digital marketing – Rise of internet – Growth of e-concepts – Growth of e-business to advanced e-commerce – Emergence of digital marketing as a tool – Digital marketing channels – Digital marketing applications, benefits and challenges – Factors for success of digital marketing – Emerging trends and concepts, Big Data and IOT, Segments based digital marketing, Hyperlocal marketing - Opportunities for digital marketing professionals.
UNIT II (18 hrs) Online marketing mix Online marketing mix – E-product – E-promotion – E-price – E-place – Consumer segmentation – Targeting – Positioning – Consumers and online shopping issues – Website characteristics affecting online purchase decisions – Distribution and

implication on online marketing mix decisions – Digitization and implication on online marketing mix decisions.

UNIT III (18 hrs)

Digital media channels

Digital media channels – Search engine marketing – ePR – Affiliate marketing – Interactive display advertising – Opt-in-email marketing and mobile text messaging, Social media and viral marketing – Online campaign management using – Facebook, Twitter, Instagram, Snapchat, Pinterest – Metaverse marketing -Advantages and disadvantages of digital media channels – Metaverse marketing.

UNIT IV (18 hrs)

Online consumer behavior

Online consumer behavior – Cultural implications of key website characteristics – Dynamics of online consumer visit – Models of website visits – Web and consumer decision making process – Data base marketing – Electronic consumer relationship management – Goals – Process – Benefits – Role – Next generation CRM.

UNIT V (18 hrs)

Analytics and Gamification

Digital Analytics – Concept – Measurement framework – Demystifying web data - Owned social metrics – Measurement metrics for Facebook, Twitter, YouTube, Slide Share, Pinterest, Instagram, Snapchat and LinkedIn – Earned social media metrics - Digital brand analysis – Meaning – Benefits – Components – Brand share dimensions – Brand audience dimensions – Market influence analytics – Consumer generated media and opinion leaders – Peer review – Word of mouth – Influence analytics – Mining consumer generated media – Gamification and game based marketing – Benefits – Consumer motivation for playing online games.

Course Outcomes:

Students will be able to:

CO No.	CO Statement	Knowledge level
CO 1	Explain the dynamics of digital marketing	K2
CO 2	Examine online marketing mix	K4
CO 3	Compare digital media channels	K4

CO 4	Explain online consumer behavior	K2
CO 5	Analyse social media data	K4

Books for study:

1. Puneet Singh Bhatia, (2019) “Fundamentals of Digital Marketing”, 2nd Edition, Pearson Education Pvt Ltd, Noida.
2. Dave Chaffey, Fiona Ellis-Chadwick, (2019) “Digital Marketing”, Pearson Education Pvt Ltd, Noida.
3. Chuck Hemann & Ken Burbary, (2019) “Digital Marketing Analytics”, Pearson Education Pvt Ltd, Noida.
4. Seema Gupta, (2022) “Digital Marketing” 3rd Edition, McGraw Hill Publications Noida.
5. Kailash Chandra Upadhyay, (2021) “Digital Marketing: Complete Digital Marketing Tutorial”, Notion Press, Chennai.
6. Michael Branding, (2021) “Digital Marketing”, Empire Publications India Private Ltd, New Delhi.

Books for reference:

1. Vandana Ahuja, (2016) “Digital Marketing”, Oxford University Press. London.
2. Ryan Deiss & Russ Henneberry, (2017) “Digital Marketing”, John Wiley and Sons Inc. Hoboken.
3. Alan Charlesworth, (2014), “Digital Marketing - A Practical Approach”, Routledge, London.
4. Simon Kingsnorth, Digital Marketing Strategy, (2022) “An Integrated approach to Online Marketing”, Kogan Page Ltd. United Kingdom.
5. Maity Moutusy, (2022) “Digital Marketing” 2nd Edition, Oxford University Press, London.

Web references:

1. <https://www.digitalmarketer.com/digital-marketing/assets/pdf/ultimate-guide-to-digital-marketing.pdf>
2. <https://uwaterloo.ca/centre-for-teaching-excellence/teaching-resources/teaching-tips/educational-technologies/all/gamification-and-game-based-learning>
3. <https://journals.ala.org/index.php/ltr/article/download/6143/7938>

Note: Latest edition of the books may be used

Mapping of course outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO1	3	3	2	3	3	3	3	3	3
CO2	3	3	2	3	3	3	3	3	3
CO3	3	3	2	2	3	2	3	3	2
CO4	3	3	2	2	3	3	3	3	3
CO5	3	3	1	3	3	2	3	3	2

High – 3

Medium – 2

Low – 1

M.Com. (General)**First Year****Core – III Semester I****BANKING AND INSURANCE**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	BANKING AND INSURANCE		6	-	-	-	4	6	25	75	100

	Learning Objectives
1	To understand the evolution of new era banking
2	To explore the digital banking techniques
3	To analyse the role of insurance sector
4	To evaluate the mechanism of customer service in insurance and the relevant regulations
5	To analyse risk and its impact in banking and insurance industry

Course Units

UNIT I	(18 hrs)
Introduction to Banking	
Banking: Brief History of Banking - Rapid Transformation in Banking: Customer Shift - Fintech Overview - Fintech Outlook - The Financial Disruptors - Digital Financial Revolution - New Era of Banking. Digital Banking – Electronic Payment Systems– Electronic Fund Transfer System – Electronic Credit and Debit Clearing – NEFT – RTGS –VSAT–SFMS–SWIFT.	
UNIT II	(18 hrs)
Contemporary Developments in Banking	
Distributed Ledger Technology – Blockchain: Meaning - Structure of BlockChain - Types of Block Chain - Differences between DLT and Blockchain - Benefits of Blockchain and DLT - Unlocking the potential of Blockchain –Crypto currencies, Central Bank Digital Currency (CBDC) - Role of DLT in financial services - AI in Banking: Future of AI in Banking - Applications of AI in Banking - Importance of AI in banking - Banking reimagined with AI. Cloud banking - Meaning - Benefits in switching	

to Cloud Banking.
UNIT III (18 hrs) Indian Insurance Market History of Insurance in India – Definition and Functions of Insurance – Insurance Contract – Indian Insurance Market – Reforms in Insurance Sector – Insurance Organisation – Insurance organisation structure. Insurance Intermediaries: Insurance Broker – Insurance Agent-Surveyors and Loss Assessors-Third Party Administrators (Health Services) – Procedures-Code of Conduct.
UNIT IV (18 hrs) Customer Services in Insurance Customer Service in Insurance – Quality of Service-Role of Insurance Agents in Customer Service-Agent's Communication and Customer Service – Ethical Behaviour in Insurance – Grievance Redressal System in Insurance Sector – Integrated Grievance Management System-Insurance Ombudsman - Insurance Regulatory and Development Authority of India Act (IRDA) – Regulations and Guidelines.
UNIT V (18 hrs) Risk Management Risk Management and Control in banking and insurance industries – Methods of Risk Management – Risk Management by Individuals and Corporations – Tools for Controlling Risk.

Course Outcomes

Students will be able to

CO No.	CO Statement	Knowledge level
CO 1	Relate the transformation in banking from traditional to new age	K2
CO 2	Apply modern techniques of digital banking	K3
CO 3	Evaluate the role of insurance sector	K5
CO 4	Examine the regulatory mechanism	K4
CO 5	Assess risk mitigation strategies	K5

Books for study: <ol style="list-style-type: none"> 1. Indian Institute of Banking and Finance (2021), “Principles & Practices of Banking”, 5th Edition, Macmillan Education India Pvt. Ltd, Noida, Uttar Pradesh. 2. Mishra M N & Mishra S B, (2016), “Insurance Principles and Practice”, 22nd Edition, S. Chand and Company Ltd, Noida, Uttar Pradesh. 3. Emmett, Vaughan, Therese Vaughan M., (2013), “Fundamentals of Risk and Insurance”, 11th Edition, Wiley & Sons, New Jersey, USA. 4. Theo Lynn , John G. Mooney, Pierangelo Rosati, Mark Cummins (2018), Disrupting Finance: FinTech and Strategy in the 21st Century (Palgrave Studies in Digital Business & Enabling Technologies), Macmillan Publishers, NewYork (US)
Books for reference: <ol style="list-style-type: none"> 1. SundharamKPM & Varshney P. N., (2020), “Banking Theory, Law and Practice”, 20th Edition, Sultan Chand & Sons, New Delhi. 2. Gordon & Natarajan, (2022), “Banking Theory, Law and Practice”, 9th Edition, Himalaya Publishing House Pvt Ltd, Mumbai. 3. Gupta P. K. (2021), “Insurance and Risk Management” 6th Edition, Himalaya Publishing House Pvt Ltd, Mumbai. 4. Susanne Chishti., & Janos Barberis(2016), The Fintech book: The financial technology handbook for investors, entrepreneurs and visionaries. John Wiley & Sons.
Web references: <ol style="list-style-type: none"> 1. https://corporatefinanceinstitute.com/resources/knowledge/finance/fintech-financial-technology 2. https://mrcet.com/downloads/digital_notes/CSE/IV%20Year/CSE%20B.TECH%20IV%20YEAR%20II%20SEM%20BCT%20(R18A0534)%20NOTES%20Final%20PDF.pdf 3. https://www.irdai.gov.in/ADMINCMS/cms/frmGeneral_Layout.aspx?page=PageNo108&flag=1

Note: Latest edition of the books may be used

Mapping of course outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO1	2	2	1	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3
CO3	2	2	1	2	2	2	2	3	2
CO4	3	2	2	1	2	2	2	3	2
CO5	3	3	1	3	3	3	3	3	3

High – 3

Medium – 2

Low – 1

M.Com. (General)**First Year****Elective –I A****Semester I****SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT		5	-	-	-	3	5	25	75	100

Learning Objectives	
1.	To become familiar with various Investment avenues and Portfolio Construction
2.	To understand the Equity Shares, Preference Shares and Bonds valuation models
3.	To learn about long-term and short-term investment analysis tools.
4.	To analyse with Portfolio theories.
5.	To gain knowledge in Portfolio performance methods.

Course Units

UNIT I	(12 hrs)
Investment and Portfolio Management	
Investment – Meaning – Nature and scope of Investment – Investment vs Speculation – Type of Investors – Investment Avenues – Factors influencing the investment choice – Portfolio Management: Meaning and significance, Active Vs. Passive portfolio management - Strategic Vs. Tactical asset allocation - Factors Affecting Investment Decisions in Portfolio Management.	
UNIT II	(12hrs)
Valuation of Securities	
Bond: Introduction – Reasons for issuing Bonds –Features of Bond – Types of Bonds – Determinants of bond safety –Bond Prices, Yields and Interest Rates –Measuring Price	

Volatility of Bonds–Macaulay Duration and Modified Duration - Preference Shares: Introduction – Features of Preference Shares – Preference Shares Yield – Holding Period Return – Yield to Call –Concept of Present Value – Equity Share Valuation Models.	
UNIT III	(12 hrs)
Fundamental Analysis and Technical Analysis	
Fundamental Analysis: Objectives – Economic Analysis, Industry Analysis, Company Analysis –Technical Analysis: Meaning– Assumptions – Pros and cons of technical analysis–Differences betweenfundamental analysis and technical analysis – Dow Theory – Types of Charts – Chart Patterns – Trend Analysis – Support Line and Resistance Line – Volume Analysis – Indicators and Oscillators – Simple Moving Average – Exponential Moving Average – Relative Strength Index – Bollinger Band – Elliott Wave Theory.	
UNIT IV	(12hrs)
Efficient Market Hypothesis	
Efficient Market Hypothesis – Markowitz Model, Arbitrage Pricing Theory – Sharpe’s Single index portfolio selection method – Capital Asset Pricing Model (CAPM).	
UNIT V	(12hrs)
Portfolio Performance Evaluation	
Portfolio Performance Evaluation – Meaning - Need for Evaluation - Methods of calculating Portfolio return - Sharpe’s Ratio - Treynor’s Ratio - Jensen’s Differential Returns - Portfolio Revision - Need for Portfolio Revision - Formula Plans.	

CourseOutcomes

Students will be able to

CO No.	CO Statement	Knowledge level
CO 1	Examine investment options and structure a portfolio	K4
CO 2	Assess the value of Equity Shares, Preference Shares and Bonds	K5
CO 3	Examine stock performance through fundamental and technical analysis	K4
CO 4	Examine the various Portfolio Theories.	K4
CO 5	Evaluate the portfolio performance.	K5

Books for study:

1. Prasanna Chandra (2021), “Investment Analysis and Portfolio Management”, 6th Edition, McGraw Hill, Noida, UP
2. Rustagi RP (2022), “Investment Analysis and Portfolio Management”, 5th Edition, Sultan Chand & Sons, New Delhi
3. Bhalla V.K. (2019), “Investment Management”, 19th Edition, S.Chand & Co. Ltd., New Delhi

Books for reference:

1. Donald E. Fischer, Ronald J. Jordan, Ashwini. K. Pradhan (2018), “Security Analysis Portfolio Management”, 7th Edition, Pearson Publication Pvt.Ltd., India, Noida
2. Avadhani V.A. (2016), “Securities Analysis and Portfolio Management”, 12th Edition, Himalaya Publishing House, Mumbai
3. Ranganathan M. and Madhumathi R (2012), “Security Analysis and Portfolio Management”, 2nd Edition., Pearson Education India Pvt Ltd, Noida
4. Punithavathy Pandian (2019), “Securities Analysis and Portfolio Management”, Himalaya Publishing House, Mumbai
5. Subrata Mukherjee (2021), “Security Analysis and Portfolio Management”, S.Chand & Co. Ltd, New Delhi

Web references:

1. https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_SAPM_Lecture_Notes.pdf
2. <https://www.studocu.com/in/document/galgotias-university/equity-portfolio-management/portfolio-management-lecture-notes-1-10/17701348>
3. <https://www.educba.com/fundamental-analysis-vs-technical-analysis>

Note: Latest edition of the books may be used

Mapping of course outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO1	3	3	1	3	2	3	2	2	3
CO2	3	3	1	3	2	3	2	3	2
CO3	3	3	2	3	2	3	2	3	2
CO4	2	3	1	3	2	2	2	3	2
CO5	3	3	1	3	2	2	2	3	2

High – 3

Medium – 2

Low – 1

M.Com. (General)**First Year****Elective – I B****Semester I****OPERATIONS RESEARCH**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	OPERATIONS RESEARCH		5	-	-	-	3	5	25	75	100

	Learning Objectives
1	To outline the fundamentals of Operations Research
2	To use OR models for problem solving
3	To examine the role of sequencing and game theory
4	To design and apply network analysis
5	To apply modelling techniques

Course Units

UNIT I	(12 hrs)
Introduction and Linear Programming Problem	
Introduction to Operations Research – Uses and Limitations – Linear Programming Problem: Formulation, Solving LPP: Graphical method, Simplex method, the Big-M Method.	
UNIT II	(12 hrs)
Transportation and Assignment Problems	
Transportation problem: Introduction – Assumptions – Formulation of Transportation models – Basic feasible solution (North-West Corner Method, Least Cost Method, Vogel's Approximation Method) – Optimal solution (Stepping-Stone Method, Modified Distribution Method) – Degeneracy in Transportation problem. Assignment Problem: Introduction – Comparison with the Transportation problem – Formulation of assignment	

problems - The Hungarian method of solution.
UNIT III (12 hrs) Sequencing and Game Theory Sequencing problem: Introduction – Assumptions – Processing of n jobs through one machine – Processing n jobs through two machines – Processing of n jobs through three machines. Game Theory: Introduction – Rules for Games theory – Two person zero sum game without saddle point – Mixed strategies (2xn games, mx2 games) – Graphical method (2xn, mx2 games).
UNIT IV (12 hrs) Replacement and Network Analysis Replacement: Introduction – Individual replacement problems – Group replacement problems. Network Analysis: PERT and CPM.
UNIT V (12 hrs) Decision Tree Analysis and Queuing Theory Decision Tree analysis – Queuing: Introduction – Applications of queuing models, Waiting time and idle time costs – Single channel Poisson arrivals with Exponential Service, Infinite population model.

Course outcomes

Students will be able to

CO No.	CO Statement	Knowledge level
CO 1	Apply Linear Programming	K3
CO 2	Identify models for problem solving	K3
CO 3	Apply sequencing and game theory	K3
CO 4	Apply network analysis to enhance effectiveness	K3
CO 5	Examine the models for decision making	K4

Books for study:

1. Gupta P.K and Hira D.S.,(2022) “Operations Research”, 7th Edition, S.Chand, Noida (UP).
2. Kapoor V.K., (2014) “Operations Research”, 9th Edition, Sultan Chand, New Delhi.
3. Natarajan, Balasubramani and Tamilarasi, (2014) “Operations Research”, 2nd Edition, Pearson Education India, Noida.
4. Kothari C.R.,(2022) “An Introduction to Operational Research”, 3rd Edition, S.Chand, Noida (UP)

Books for reference:

1. Tulsian P.C. and Bharat Tulsian, (2022) “Fundamentals of Operations Research(Theory and Practice)”, 3rd Edition, S. Chand, Noida (UP).
2. Sharma J.K.,(2016) “Operations Research”, 6th Edition, Lakshmi Publications, Chennai.
3. Nagarajan N.,(2017) “Text Book of Operations Research: A Self Learning Approach”, New Age Publications, Chennai.
4. Rina Rani Rath,(2021) “Operations Research”, 2nd Edition, Bhavya Books, New Delhi.

Web references:

- 1) <https://www.bbau.ac.in/dept/UIET/EMER-601%20Operation%20Research%20Queuing%20theory.pdf>
- 2) [https://mdu.ac.in/UpFiles/UpPdfFiles/2021/Jun/4_06-11-2021_16-06-34_OPERATIONS%20RESEARCH%20TECHNIQUES\(20MAT22C5\).pdf](https://mdu.ac.in/UpFiles/UpPdfFiles/2021/Jun/4_06-11-2021_16-06-34_OPERATIONS%20RESEARCH%20TECHNIQUES(20MAT22C5).pdf)
- 3) <https://repository.up.ac.za/bitstream/handle/2263/25427/02chapter3.pdf?sequence=3>
- 4) <https://hbr.org/1964/07/decision-trees-for-decision-making>

Note: Latest edition of the books may be used

Mapping of course outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO 1	3	3	2	3	3	2	2	3	3
CO 2	3	3	1	3	3	3	3	3	3
CO 3	3	3	1	3	3	2	3	3	2
CO 4	3	3	2	3	3	3	3	3	3
CO 5	3	3	1	3	3	2	3	3	2

High – 3

Medium – 2

Low – 1

M.Com. (General)**First Year****Elective –II A****Semester I****LABOUR LAWS**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	LABOUR LAWS		5	-	-	-	3	5	25	75	100

	Learning Objectives
1.	To Understand the provisions of Trade Unions Act
2.	To gain knowledge on various measures and provisions relating to employees as per the Factories Act and Equal Remuneration Act
3.	To become familiar with compensation payable to workmen under different situations and understand the provisions of the Employees State Insurance Act
4.	To learn different provisions relating to payment of wages and minimum wages to employees
5.	To understand employee welfare measures with respect to provident fund, gratuity and bonus

Course Units**UNIT I****(12 hrs)****Introduction and The Trade Unions Act, 1926**

Labour legislations: Origin – Nature – Scope – Need – Objectives – Principles – Labour policy and its special features – Constitution as the basis for labour legislation – The Trade Unions Act, 1926: Definition – Objectives – Deficiencies – Registration of trade union – Cancellation of registration and appeal – Duties and obligations – Rights and privileges – Dissolution.

UNIT II(12 hrs)**The Factories Act, 1948 and Equal Remuneration Act, 1976**

The Factories Act, 1948: Objects – Definition – Licensing and Registration of factories – Inspecting staff – Health, safety and welfare measures – Provisions relating to hazardous processes – Working hours – Holidays – Annual leave - Employment of women and young persons.

Equal Remuneration Act – Payment of remuneration at equal rates to men and women workers – Advisory committee – Offences and penalties.

UNIT III	(12 hrs)
The Workmen's Compensation Act, 1923 and The Employees' State Insurance Act, 1948	
The Workmen's Compensation Act, 1923: Definitions – Objectives – Disablement – Employer's liability for compensation – Amount of compensation – Disbursement of compensation – Notice and claims – Penalties – The Employees' State Insurance Act 1948: Objects – Definitions – Administration of ESI Scheme – ESI Fund – ESI Corporation - Medical benefit council – Benefits under the Act – ESI court.	
UNIT IV	(12 hrs)
The Payment of Wages Act, 1936 and The Minimum Wages Act, 1948	
The Payment of Wages Act, 1936: Object and Scope – Definition – Procedure regarding payment of wages – Deduction from wages – Mode of payment of wages.	
The Minimum Wages Act, 1948: Objects - Scope – Definition – Items to be included in the minimum wages – Fixation and revision of minimum wages – Norms to be followed in the payments of minimum wages.	
UNIT V	(12 hrs)
The Provident Fund and Miscellaneous Provision Act, 1952, The Payment of Gratuity Act, 1972 and The Payment of Bonus Act, 1965	
Provident Fund and Miscellaneous Provision Act, 1952: Definitions – Scope – Nature – Objects – Various schemes – The Payment of Gratuity Act, 1972: Definitions – Scope – Conditions and circumstances of payment- Wages for computing gratuity – Maximum gratuity – Nomination – Penalties – The Payment of Bonus Act: Applicability of the Act – Eligibility and rate of Bonus – Allocable surplus and available surplus - Set and set off – Offences and penalties.	

Course Outcomes

Students will be able to

CO No.	CO Statement	Knowledge level
CO 1	Recall the basic labour legislations pertaining to Trade Unions	K1
CO 2	Explain various provisions of the Factories Act and Equal Remuneration Act	K2
CO 3	Assess provisions relating to the workmen's compensation and state insurance.	K5
CO 4	Examine provisions relating to payment of wages and minimum wages.	K4
CO 5	Explain the provisions of provident fund, gratuity and bonus schemes.	K2

Books for study: <ol style="list-style-type: none"> 1. Mishra S.N. (2018), “Labour & Industrial Laws”, 29th Edition, Central Law Publications, Classic Edition, Allahabad, UP. 2. Srivastava S C (2022), “Industrial Relations and Labour Laws”, 8th Edition., Vikas Publishing, New Delhi 3. Tripathi PC, Gupta CB, Kapoor ND (2020), “Industrial Relations and Labour Laws”, 6th Edition., Sultan Chand & Sons, New Delhi
Books for reference: <ol style="list-style-type: none"> 1. Sinha P.R.N., Sinha InduBala, Shekhar Seema Priyadarshini (2017), “Industrial Relations, Trade Unions and Labour Legislation”, 3rd Edition., Pearson Education India Pvt. Ltd., Noida 2. Piyali Ghosh, Shefali Nandan (2017), “Industrial Relations and Labour Laws”, 1st Edition, McGraw Hill, Noida 3. Sharma J.P. (2018), “Simplified Approach to Labour Laws”, 5th Edition., Bharat LawHouse Pvt. Ltd.
Web references: <ol style="list-style-type: none"> 1. https://www.icsi.edu/media/webmodules/Labour_Laws_&_Practice.pdf 2. https://www.icsi.edu/media/webmodules/LabourLaws&Practice_June_2020.pdf

Note: Latest edition of the books may be used

Mapping of course outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO1	1	3	3	2	1	3	1	1	3
CO2	1	3	3	2	1	3	1	1	3
CO3	1	3	3	3	1	3	1	1	3
CO4	1	3	3	3	2	3	2	1	3
CO5	1	3	3	3	1	3	1	1	3

High – 3

Medium – 2

Low – 1

M.Com.(General)**First Year****Elective – II B****Semester I****STRATEGICHUMANRESOURCEMANAGEMENT**

Course Code	Title of the Course	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
	STRATEGICHUMANRESOURCEMANAGEMENT		5	-	-	-	3	5	25	75	100

	Learning Objectives
1	To appreciate the importance of HRM as a field of study and as a central management function
2	To understand the implication of HRM on Government regulations and corporate decisions
3	To analyse the key elements of the HR functions
4	To gain knowledge about the elements, key concepts and terminology of HRM
5	To apply the principles and techniques of HRM to the discussion of major personnel issues in case studies.

Course Units

UNIT I	(12 hrs)
Introduction to SHRM	
SHRM- Meaning, Features, Evolution, Objectives, Advantages, Barriers to SHRM, SHRM v/s Traditional HRM, Steps in SHRM, Roles in SHRM: Top Management, Front-line Management, HR - Changing Role of HR Professionals.	
UNIT II	(12 hrs)
Models of SHRM	
Models of SHRM – High Performance Working Model, High Commitment Management Model, High Involvement Management Model - HR Environment – Environmental trends and HR Challenges -Linking SHRM and Business Performance.	
UNIT III	(12 hrs)
Strategic Planning and Compensation	
Resourcing Strategy: Meaning and Objectives - Strategic HR Planning: Meaning,	

Advantages, Interaction between Strategic Planning and HRP, Managing HR Surplus and Shortages, Strategic Recruitment and Selection: Meaning and Need - Strategic Human Resource Development: Meaning, Advantages and Process - Strategic Compensation as a Competitive Advantage - Rewards Strategies: Meaning, Importance - Employee Relations Strategy, Retention Strategies, Strategies for Enhancing Employee Work Performance.

UNIT IV (12 hrs)

Human Resource Policies

Human Resource Policies – Meaning, Features, Purpose of HR Policies, Process of Developing HR Policies, Factors affecting HR Policies, Areas of HR Policies in Organisation, Requisites of Sound HR Policies – Recruitment, Selection, Training and Development, Performance Appraisal, Compensation, Promotion, Outsourcing, Retrenchment, Barriers to Effective Implementation of HR Policies and Ways to Overcome these Barriers.

UNIT V (12 hrs)

Latest trends in Strategic HRM

Mentoring - Employee Engagement – Meaning, Factors Influencing Employee Engagement, Strategies for Enhancing Employee Engagement - Competency based HRM: Meaning, Types of Competencies and Benefits of Competencies for Effective Execution of HRM Functions -Human Capital Management: Meaning and Role - New Approaches to Recruitment – Employer Branding.

Course outcomes:

Students will be able to:

CO No.	CO Statement	Knowledge level
CO 1	Recall the fundamentals of strategic Human Resource Management	K1
CO 2	Examine the conceptual framework of strategic Human Resource Management Models	K4
CO 3	Apply the knowledge of various strategies in Human Resource Management in the corporate arena	K3
CO 4	Illustrate drafting of HR policies	K2
CO 5	Analyse the latest trend in the strategic Human Resource Management.	K4

Books for study:

1. Mathur, SP Strategic Human Resource Management 1st Edition 2015, New Age International (P) Ltd Publishers, New Delhi.

2. Catherine Truss, David Mankin& Clare Kelliher (2014), “Strategic Human Resource Management”, Oxford University Press, India. 3. Anuradha Sharma and Aradhana Khandekar (2006), “Strategic Human Resource Management: An Indian Perspective”, Sage Publications Pvt. Ltd, New Delhi.
Books for reference: 1. Jean M Phillips & Stan M Gully, “Strategic staffing”, Pearson International Edition, India. 2. Ananda Das Gupta (2021), “Strategic Human Resource Management - Formulating and Implementing HR Strategies for a Competitive Advantage”, Productivity Press; 1st edition, Routledge
Web references: 1. https://emeritus.org/in/learn/what-is-strategic-human-resource-management-shrm/ 2. https://www.shrm.org/resourcesandtools/tools-and-samples/toolkits/pages/practicingstrategichumanresources.aspx 3. https://www.cegid.com/en/blog/5-steps-for-developing-and-implementing-an-effective-hr-strategy-in-2021/ 4. https://www.managementstudyhq.com/hrm-evaluation-approaches .

Note: Latest edition of the books may be used

Mapping of course outcomes with POs and PSOs

	POs						PSOs		
	1	2	3	4	5	6	1	2	3
CO 1	3	3	3	3	3	2	3	2	3
CO 2	3	3	3	3	3	2	3	2	3
CO 3	3	3	3	3	3	2	3	2	3
CO 4	3	3	3	3	3	2	3	2	3
CO 5	3	3	3	3	3	2	3	2	3

High – 3

Medium – 2

Low – 1