

**SRI MEENAKSHI GOVT. ARTS COLLEGE FOR WOMEN (AUTONOMOUS),
MADURAI – 2**



DEPARTMENT OF BUSINESS ADMINISTRATION
Syllabus

B.B.A

For students who are admitted in the academic year 2024- 2025

1. Programme Outcomes :

PO1: Disciplinary knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate Programme of study

PO2: Communication Skills: Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.

PO3: Critical thinking: Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.

PO4: Problem solving: Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.

PO5: Analytical reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.

PO6: Research-related skills: A sense of inquiry and capability for asking relevant/appropriate questions, problem arising, synthesising and articulating; Ability to recognise cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation

PO7: Cooperation/Team work: Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team

PO8: Scientific reasoning: Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.

PO9: Reflective thinking: Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.

PO10 Information/digital literacy: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

PO 11 Self-directed learning: Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.

PO 12 Multicultural competence: Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.

PO 13: Moral and ethical awareness/reasoning: Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.

PO 14: Leadership readiness/qualities: Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way.

PO 15: Lifelong learning: Ability to acquire knowledge and skills, including „learning how to learn“, that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

2. Programme Specific Outcomes :

PSO1: To enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making.

PSO 2: To sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment.

PSO 3: To familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing.

PSO 4: Evaluate various social and economic problems in the society and develop answer to the problems as global citizens.

PSO 5: Enhance skills of analytical and critical thinking to analyze effectiveness of economic policies.

3. Course description:

DEPARTMENT OF BUSINESS ADMINISTRATION BBA

ABOUT THE DEPARTMENT

BBA Program of Sri Meenakshi Govt. Arts College for Women (A) was initiated in the year 2017 with broad vision to impart management knowledge by continuous updating of syllabi and interaction with corporate for enhancing employability among rural women students. The program is supported with an effective and efficient team of well qualified and dedicated faculty. The quality of management program is enhanced with good infrastructure and other amenities like well equipped library, computer lab and class rooms with smart board and LCD projector. The course provides practical knowledge on all aspects as a business organization and it is aimed towards inspiring students of all functional areas of management.

VISION

To develop competent, socially responsible Executives and Entrepreneurs to the competitive World

MISSION

To prepare innovative and ethical leaders who understand the impact of business on society and create value for the world.

ELIGIBILITY FOR ADMISSION

A pass in +2 with Accountancy subject is compulsory.(80% Academic stream & 20% Vocational stream)

DURATION

Full time BBA programme consists of six semesters in three academic years.

4. Assessment criteria: Methods of Evaluation and Assessment

MethodsofEvaluation		
InternalEvaluation	ContinuousInternalAssessmentTest	25 Marks
	Assignments	
	Seminars	
	AttendanceandClassParticipation	
ExternalEvaluation	EndSemesterExamination	75 Marks
	Total	100 Marks
MethodsofAssessment		
Recall(K1)	Simpledefinitions,MCQ,Recallsteps,Conceptdefinitions	
Understand/Comprehend(K2)	MCQ,True/False,Shortessays,Conceptexplanations,Shortsummaryoroverview	
Application (K3)	Suggestidea/conceptwithexamples,Suggestformulae, Solveproblems, Observe,Explain	
Analyze(K4)	Problem-solvingquestions,Finishaprocedureinmanysteps,Differentiate	
	Between various sides,Mapknowledge	
Evaluate(K5)	Longer essay/Evaluationessay,Critiqueorjustifywithprosandcons	
Create(K6)	Check knowledge in specific or off beat situations, Discussion, Debating or Presentations	

5. Evaluation Pattern for External Examination inclusive of Internship, Project and Extension Activity

QUESTION PAPER PATTERN

The following Question paper pattern with uniform Distribution of marks from all five units followed as exists

Part – A

MCQ's $10 \times 1 = 10$ Marks or $5 \times 2 = 10$ Marks

Part – B (Internal choice – Either / or)

$5 \times 5 = 25$ Marks

Part – C (Internal choice – Either / or)

$5 \times 8 = 40$ Marks

EVALUATION PATTERN FOR INTERNSHIP

Attendance (mandatory) - 40 Marks

Field work and performance – 40 Marks

Report writing – 20 Marks

EVALUATION PATTERN FOR EXTENSION ACTIVITY

Extension Activities should be carried out after the class hours for a minimum of 15 hours

Attendance - 50 Marks

Participation – 25 Marks

Report – 25 Marks

6. Subject Template (Format given by the CDC of our college)

SEMESTER – I

Part	Course Type	Code	Title of the Course	Hrs/Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A1/ U231H1	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A1	English	6	3	3	25	75	100
III	CC1	U23CK1	Principles of Management	5	5	3	25	75	100
III	CC2	U23CK2	Accounting for Managers I	5	5	3	25	75	100
III	GEC 1	U23GK53	Managerial Economics	4	3	3	25	75	100
IV	SEC1/ NM	U23SEK1	Skill Enhancement course - Basics of Event Management	2	2	3	25	75	100
IV		U23FK1	Foundation Course - Managerial Communication	2	2	3	25	75	100
Total				30	23				700

SEMESTER–II

Part	Course Type	Code	Title of the Course	Hrs/Week	Credits	ExamHrs	Marks		
							Int	Ext	Total
I	LC	U231A2/ U231H2	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A2	English	6	3	3	25	75	100
III	CC3	U23CK3	Marketing Management	5	5	3	25	75	100
III	CC4	U23CK4	Accounting for Managers II	5	5	3	25	75	100
III	GEC 2	U23GK54	International Business	4	3	3	25	75	100
IV	SEC2	U23SEK2	Skill Enhancement course - Managerial Skill Development	2	2	3	25	75	100
	SEC3/ NM	U23SEK3	Business Etiquette and Corporate Grooming	2	2	3	25	75	100
Total				30	23				800

Part	Course Type	Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A3/ U231H3	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A3	English	6	3	3	25	75	100
III	CC5	U23CK5	Organisational Behaviour	5	5	3	25	75	100
III	CC6	U23CK6	Financial Management	5	5	3	25	75	100
III	GEC3	U23GK55	Business Statistics	4	3	3	25	75	100
IV	SEC4	U23SEK4	New Venture Development	1	1	3	25	75	100
IV	SEC5/ NM	U23SEK5	Computer Applications in Business	2	2	3	25	75	100
IV	E.V.S.	U23EVS1	Environmental Studies	1	--	--	--	--	--
Total				30	22				700

SEMESTER-III

SEMESTER-IV

Part	Course Type	Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
I	LC	U231A4/ U231H4	Tamil/Hindi	6	3	3	25	75	100
II	ELC	U232A4	English	6	3	3	25	75	100
III	CC7	U23CK7	Business Environment	5	5	3	25	75	100
III	CC8	U23CK8	Business Regulatory Frame Work	5	5	3	25	75	100
III	GEC 4	U23GK56	Operations Research	3	3	3	25	75	100
IV	SEC6	U23SEK6	Tally	2	2	3	25	75	100
IV	SEC7	U23SEK7	Intellectual Property Rights	2	2	3	25	75	100
IV	E.V.S.	U23EVS1	Environmental Studies	1	2	3	25	75	100
Total				30	25				900
SUMMER INTERNSHIP/INDUSTRIAL TRAINING – 45Hrs									
*Allied courses are considered as GEC									

SEMESTER-V

Part	Course Type	Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
III	CC9	U23CK9	Human Resource Management	5	4	3	25	75	100
III	CC10	U23CK10	Research Methodology	5	4	3	25	75	100
III	CC11	U23CK11	Business Taxation	5	4	3	25	75	100
III	CC12	U23CK12	Management Information System	5	4	3	25	75	100
III	DSEC1	U23DK1A U23DK1B U23DK1C	Digital Marketing Or Industrial Relations Or Financial Services	4	3	3	25	75	100
III	DSEC2	U23DKPW	Project with Viva –Voce	4	3	3	25	75	100
IV		U23SIK1	Summer Internship/ Industry Training	--	2	--	--	--	100
V		U23VE1	Value Education	2	2	3	25	75	100
Total				30	26				800

SEMESTER-VI

Part	Course Type	Code	Title of the Course	Hrs/ Week	Credits	Exam Hrs	Marks		
							Int	Ext	Total
III	CC13	U23CK13	Entrepreneurial Development	6	4	3	25	75	100
III	CC14	U23CK14	Services Marketing	6	4	3	25	75	100
III	CC15	U23CK15	Production and Materials Management	6	4	3	25	75	100
III	DSEC3	U23DK3A U23DK3B U23DK3C	Consumer Behaviour Or Innovation Management Or Security Analysis & Portfolio Management	5	3	3	25	75	100
III	DSEC4	U23DK4A U23DK4B U23DK4C	Fundamentals of Logistics Or E-business Or Strategic Management	5	3	3	25	75	100
IV			Extension Activity	--	1	--	--	--	100

IV		U23PCK1	Professional Competency Skill - Quantitative Aptitude I And Quantitative Aptitude II	2	2	3	25	75	100
			Total	30	21				700

7. List of GE Courses

S.No.	Course C ode	Title of the Course
1	U23GK53	Managerial Economics
2	U23GK54	International Business
3	U23GK55	Business Statistics
4	U23GK56	Operations Research

8. List of DSE Courses

List of DSE Courses

S.NO	COURSE CODE	TITLE OF THE COURSE
1	U23DK1A	Digital Marketing
2	U23DK1B	Industrial Relations
3	U23DK1C	Financial Services
4	U23DKPW	Project with Viva Voce
5	U23DK3A	Consumer Behavior
6	U23DK3B	Innovation Management
7	U23DK3C	Security Analysis & Portfolio Management
8	U23DK4A	Fundamentals of logistics
9	U23DK4B	E – Business
10	U23DK4C	Strategic Management

9. Abstract with credits and hours distribution(Format given by the CDC of our college)

**COURSE STRUCTURE ABSTRACT
BBA**

Part	Course	Total No. of Courses	Hours	Credit	Marks
I	Tamil	4	24	12	400
II	English	4	24	12	400
III	Core Course -Major(CCM)	15	78	68	1500
III	Generic Elective Course	4	15	12	400
III	Discipline Specific Elective Course	4	18	12	400
IV	Internship	1	--	2	100
IV	Skill Enhancement Course	7	13	13	700
IV	Foundation Course	1	2	2	100
IV	E.V.S.	1	2	2	100
IV	Extension Activity/NSS/NCC/SPORTS	1	-	1	100
IV	Professional Competency Skill	1	2	2	100
V	Value Education	1	2	2	100
Total		44	180	140	4400

10. Course Mapping

	PO 1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
PSO 1	Y	Y	Y	Y	Y	Y	Y	Y
PSO 2	Y	Y	Y	Y	Y	Y	Y	Y

PSO3	Y	Y	Y	Y	Y	Y	Y	Y
PSO 4	Y	Y	Y	Y	Y	Y	Y	Y
PSO 5	Y	Y	Y	Y	Y	Y	Y	Y

3 – Strong, 2- Medium, 1- Low

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI	A	Total
U23CK1	Principles of Management	Core	Y	-	-	-	5	5	25	75	100
Learning Objectives											
CLO1	To impart knowledge about evolution of management										
CLO2	To provide understanding on planning process and importance of decision making in organization										
CLO3	To learn the application of principles in organization										
CLO4	To study the process of effective controlling in organization										
CLO5	To familiarize students about significance of ethics in business and its implications.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Management: Importance – Definition – Nature and Scope of Management - Process – Role and Functions of a Manager – Levels of Management – Development of Scientific Management and other Schools of thought and approaches.							15	CLO1		
II	Planning: Nature – Importance – Forms – Types – Steps in Planning – Objectives – Policies – Procedures and Methods – Natures and Types of Policies – Decision –making – Process of Decision – making – Types of Decision.							15	CLO2		
III	Organizing: Types of Organizations – Organization Structure – Span of Control and Committees – Departmentalization – Informal Organization- Authority – Delegation –							15	CLO3		

	Decentralization – Difference between Authority and Power – Responsibility.		
IV	Direction – Nature and Purpose. Co- ordination – Need, Type and Techniques and requisites for excellent Co-ordination – Controlling – Meaning and Importance – Control Process.	15	CLO4
V	Definition of Business ethics - Types of Ethical issues -Role and importance of Business Ethics and Values in Business - Ethics internal - Ethics External - Environment Protection - Responsibilities of Business	15	CLO5
	Total	75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Describe nature, scope, role, levels, functions and approaches of management	PO5	
CO2	Apply planning and decision making in management	PO2, PO5, PO6,PO8	
CO3	Identify organization structure and various organizing techniques	P01, PO4	
CO4	Understand Direction, Co-ordination & Control mechanisms	PO2,PO6	
CO5	Relate and infer ethical practices of organisation.	PO3, PO8	
Reading list			
1.	JAF Stoner, Freeman R.E and Daniel R Gilbert “Management”, 6th Edition, Pearson Education, 2004.		
2.	Griffin, T.O., Management, Houghton Mifflin Company, Boston, USA, 2014.		
3	.Stephen A. Robbins & David A. Decenzo & Mary Coulter, “Fundamentals of Management” 7th Edition, Pearson Education, 2011		
4	Stoner, Freeman, Gilbert Jr. (2014). Management (6th edition), New Delhi: Prentice Hall India		
5	Robbins, S., Coulter, M., Sidani, D., and Jamali, D., Management: Arab World Edition, Pearson, 2014.		
Reference Books			
1.	P.C. Tripathi& P.N Reddy; Principles of Management, Sultan Chand& Sons,6th Edition, 2017		
2.	L.M.Prasad; Principles & Practice of Management, Sultan Chand & Sons, 8 th Edition.		
3.	Stephen P. Robbins & Mary Coulter; Management, Pearson Education, 13th Edition, 2017		
4.	Dr.C.B.Gupta; Principles of Management, Sultan Chand& Sons, 3 rd		

	Edition.	
5.	Harold Koontz, Hienz Weihrich, A Ramachandra Aryasri; Principles of Management, McGraw Hill, 2nd edition, 2015	
Web Resources		
1	https://www.toolshero.com/management/14-principles-of-management/	
2	https://open.umn.edu/opentextbooks/textbooks/693	
3	https://open.umn.edu/opentextbooks/textbooks/34	
4	https://openstax.org/subjects/business	
5	https://blog.hubspot.com/marketing/management-principles	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	L	S	S	S	S	M	S
CO 2	M	S	S	S	M	M	L	S
CO 3	M	S	S	M	S	S	M	S
CO 4	S	M	S	S	S	S	L	S
CO 5	M	S	S	S	S	S	M	S

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of	3.0	3.0	3.0	3.0	3.0

Course Contribution to Pos					
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S –Strong M-Medium L-Low

CO-PO Mapping with program specific outcomes ,

Level of Correlation between PSO's and CO's

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI A	External	Total
U23CK2	Accounting for Managers I	Core	Y	-	-	-	5	5	25	75	100
Learning Objectives											
CLO1	To impart knowledge about basic concepts of accounting its applications										
CLO2	To analyze and interpret financial reports of a company										
CLO3	To understand the gross profit and net profit earned by organization										
CLO4	To foster knowledge on Hire Purchase system										
CLO5	To understand the procedures of Accounting under Single entry system.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Meaning and scope of Accounting, Basic Accounting Concepts and Conventions – Objectives of Accounting – Accounting Transactions – Double Entry Book Keeping – Journal, Ledger, Preparation of Trial Balance							15	CLO1		
II	Subsidiary book – Preparation of cash Book – Bank reconciliation statement – rectification of errors – Suspense account							15	CLO2		
III	Preparation of Final Accounts – Adjustments – Closing stock, outstanding, prepaid and accrued, depreciation, bad and doubtful debts, provision and discount on debtors and creditors, interest on drawings and capital.							15	CLO3		

IV	Hire Purchase System – Default and Repossession – Hire Purchase Trading Account – Installment System.	15	CLO4
V	Single Entry – Meaning, Features, Defects, Differences between Single Entry and Double Entry System – Statement of Affairs Method – Conversion Method	15	CLO5
	Total	75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Prepare Journal, ledger, trial balance and cash book	PO2, PO1	
CO2	Classify errors and making rectification entries	PO1	
CO3	Prepare final accounts with adjustments	PO2, PO6	
CO4	To understand Hire Purchase system	PO2, PO6	
CO5	Prepare single and double entry system of accounting.	PO6	
Reading List			
1.	Goel.D.K and Shelly Goel, 2018, Financial Accounting, Arya Publications, 2nd edition.		
2.	Jain .S.P &Narang .K, 1999, Financial Accounting, Kalyani Publishers, Ludhiana, 4th edition		
3.	Rakesh Shankar. R &Manikandan.S, Financial Accounting, SCITECH, 3rd edition.		
4.	Shukla&Grewal, 2002, Advanced Accounting, Sultan Chand &Sons,New Delhi, 15th edition.		
5.	Tulsian P.C., 2006, Financial Accounting, Pearson Education		
References Books			
1.	Dr.K.Ganesan & S.Ushena Begam – Accounting for Managers - Volume 1, Charulatha Publications, Chennai		
2.	TS Reddy & amp; A.Murthy; Financial Accounting -Margham Publications , 6th Edition, 2019		
3.	David Kolitz; Financial Accounting – Taylor and Francis group, USA 2017		
4.	M N Arora; Accounting for Management- Himalaya Publications House 2019.		
5.	SN Maheswari; Financial Accounting - Vikas Publishing House, Jan 2018.		
6.	T. Horngren Charles, L. Sundern Gary, A. Elliott John; Introduction to Financial Accounting, Pearson Publications Oct 2017.		
Web Resources			
1.	https://ebooks.lpude.in/management/mba/term_1/DMGT403_ACCOUNTING_FOR MANAGERS.pdf		
2.	https://www.drnishikantjha.com/booksCollection/Accounting%20for%20Management%20for%20MBA%20.pdf		

3.	https://www.accountingtools.com/articles/2017/5/15/basic-accounting-principles	
4.	https://en.wikipedia.org/wiki/Single-entry_bookkeeping_system\	
5.	https://www.profitbooks.net/what-is-depreciation	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
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Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	M	M	M	S	L	M
CO 2	S	M	M	M	M	S	L	S
CO 3	S	M	M	M	M	S	L	S
CO 4	S	M	M	M	M	S	L	M
CO 5	S	M	M	M	M	S	L	M

S-Strong M-Medium L-Low

CO-PO Mapping with program specific outcomes (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5								
CO1	3	3	3	3	3								
CO2	3	17 3	3	3	3								
CO3	3	3	3	3	3								
CO4	3	3	3	3	3								
CO5	3	3	3	3	3								
	15	15	15	15	15								
Weighted percentage of Subject Contribution to Course	Subject Code	Subject Name	Category	L	T	P	O	Credits	Hours	CI	AI	TE	Total
U23GK53	Managerial Economics	Generic Elective	Y	-	-	-	3	4	25	75	100		
Learning Objectives													
CLO1	To familiarize students with concepts of managerial economics and its relevant concepts of economics in current business scenario												
CLO2	To understand the applications & implications of economics and its knowledge of the mechanics of supply and demand markets in decision-making and problem solving.												
CLO3	To Understand the optimal point of cost analysis and production factors of the firm												
CLO4	To describe the pricing methods and strategies that are consistent with evolving marketing needs												
CLO5	To Provide insights to the various market structures in an economy.												
UNIT	Details								No. of Hours	Learning Objectives			
I	Nature and scope of managerial economics – definition of economics – important concepts of economics – relationship between micro, macro and managerial economics – nature and scope – objectives of firm.								12	CLO1			
II	Demand analysis – Theory of consumer behavior – Marginal utility analysis – indifference curve analysis Meaning of demand – Law of demand – Types of demand-Determinants of demand – Elasticity of demand –Demand forecasting.								12	CLO2			
III	Production and cost analysis – Production – Factors of production – production function – Concept – Law of variable proportion – Law of return to scale and economics of scale – cost analysis – Different cost concepts – Cost output relationship short run and long run – Revenue curves of firms – Supply analysis.								12	CLO3			
IV	Pricing methods and strategies – Objectives – Factors – General consideration of pricing – methods of pricing – Dual pricing – Price discrimination								12	CLO4			
V	Market classification – Perfect competition – Monopoly – Monopolistic competition – Duopoly – Oligopoly								12	CLO5			

	Total	60	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Analyze & apply the various managerial economic concepts in individual & business decisions.	PO2, PO6, PO8	
CO2	Explain demand concepts, underlying theories and identify demand forecasting techniques.	PO6, PO8	
CO3	Employ production, cost and supply analysis for business decision making	PO1, PO2, PO6	
CO4	Identify pricing strategies	PO1, PO2, PO6	
CO5	Classify market structures under competitive scenarios.	PO2, PO6, PO8	
Reading List			
1.	Journal of Economic Literature – American Economic Association		
2.	Arthasastra Indian Journal of Economics & Research		
3.	Mithani D.M. (2016) -Managerial Economics –Himalaya Publishing House – Mumbai		
4.	Indian Economic Journal/Sage Publications		
5.	Mehta P.L (2016) – Managerial Economics – Sultan Chand & Sons – New Delhi		
References Books			
1.	Dr. S. Sankaran; Managerial Economics; Margham Publication, Chennai, 2019		
2.	Thomas and Maurice; Managerial Economics: Foundations of Business Analysis and Strategy, McGraw Hill Education, 10 editions, 2017.		
3.	D N Dwivedi; Managerial Economics: Vikas Publishing House, 8 th edition, 2015.		
4.	H L Ahuja; Managerial Economics, S. Chand, 9th Edition, 2017.		
5.	Dominick Salvatore; Managerial Economics: Principles and Worldwide Applications, Oxford University Press, Eighth edition, 2016		
Web Resources			
1	https://www.studocu.com/row/document/azerbaycan-dovlet-iqtisad-universiteti/business-and-management/lecture-notes-on-managerial-economics/6061597		
2	https://www.intelligenteconomist.com/profit-maximization-rule		
3	http://www.economicdiscussion.net/laws-of-production/laws-of-production-law-s-of-returns-to-scale-and-variable-proportions/5134		

4	http://www.simplynotes.in/e-notes/mbabba/managerial-economics/	
5	https://businessjargons.com/determinants-of-elasticity-of-demand.html	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	M	S	M	M	M	S	L	M
CO2	S	L	M	M		S		S
CO3	S	S	M	M	M	S		M
CO4	S	S	M	M		S		M
CO5		S	M	M		S		S

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO / PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15

Weighted percentage of Course Contribution to PO's	3.0	3.0	3.0	3.0	3.0
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Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI	A	External
U23CK3	MARKETING MANAGEMENT	Core	Y	-	-	-	5	5	25	75	100
Learning Objectives											
CLO1	To understand the marketplace.										
CLO2	To identify the market segmentation and the Product mix										
CLO3	To select the different pricing methods and channels of distribution.										
CLO4	To know the communication mix and sales promotion tools										
CLO5	To prepare according to the latest trends in market.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Fundamentals of Marketing – Role of Marketing – Relationship of Marketing With Other Functional Areas- Concept of Marketing Mix – Marketing Approaches – Various Environmental Factors Affecting the Marketing Functions.							15	CLO1		
II	Segmentation – Need And Basis of Segmentation -Targeting – Positioning Product – Characteristics – Benefits – Classifications – Consumer Goods – Industrial Goods. Product Mix-New Product Development Process - Product Life Cycle. Branding – Packaging.							15	CLO2		
III	Pricing – Factors Influencing Pricing Decisions – Pricing Objectives. Market							15	CLO3		

	Physical Distribution: Importance – Various Kinds of Marketing Channels – Distribution Problems.		
IV	A Brief Overview of Communication Mix-Types of Media & its Characteristics-Print - Electronic - Outdoor – Internet- A tool to customer loyalty. Sales Promotion tools-IMC (Integrated marketing communication) - Definition, Process, Need & Significance - CRM – Importance.	15	CLO4
V	Sales Force Management: Personal Selling Process- Motivation, Compensation and Control of Sales Force– Digital Marketing: Introduction- Applications & Benefits -	15	CLO5
		75	
Course Outcomes	On Completion of the course the students will	Program Outcomes	
CO1	To list and identify the core concepts of Marketing and its mix.	PO1, PO2, PO3	
CO2	To sketch the market segmentation, nature of product, PLC	PO1, PO2, PO3,PO6, PO8	
CO3	To analyze the appropriate pricing methods	PO1 PO2, PO3, PO4, PO8	
CO4	To determine the importance of various media	PO1, PO2, PO6	
CO5	To assess the sales force and applications of digital marketing	PO1, PO2, PO7	
Reading List			
1.	Philip Kotler & Gary Armstrong, Principles of Marketing: A South Asian Perspective, Pearson Education, 2018.		
2.	Rajan Saxena, Marketing Management, Tata Mc Graw Hill, 2017.		
3.	L.Natarajan, Marketing, Margham Publications, 2017.		
4.	J P Mahajan & Anupama Mahajan, Principles of Marketing, Vikas Publishing House, 2017.		
5.	K Karunakaran, Marketing Management, Himalaya Publishing House,2017.		
References Books			
1.	C.B.Gupta & Rajan Nair Marketing Management, Sultan Chand & Son 2020		

2.	V.S. Ramaswamy & S. Namakumari, 2002, Principles of Marketing, first edition, S.G. Wasani / Macmillan India Ltd,	
3.	Cranfield, Marketing Management, Palgrave Macmillan.	
4.	Harsh V Verma & Ekta Duggal, Marketing, Oxford University Press, 2017.	
5.	Sontakki C.N, Marketing Management, Kalyani Publishers, Ludhiana.2016	
Web Resources		
1.	http://eprints.stiperdharmawacana.ac.id/24/1/%5BPhillip_Kotler%5D_Marketing_Management_14th_Edition%28BookFi%29.pdf	
2.	https://mrcet.com/downloads/MBA/digitalnotes/Marketing%20Management.pdf	
3.	https://www.enotesmba.com/2013/01/marketing-management-notes.html	
4.	Industrial Marketing Management Journal ScienceDirect.com by Elsevier	
5.	Journal of Marketing Management Taylor & Francis Online (tandfonline.com)	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	M	S	M	M
CO 2	S	S	M	S	M	S	M	S

CO 3	S	S	M	M	M	S	M	S
CO 4	S	S	M	M	M	S	M	M
CO 5	S	S	M	M	M	S	M	S

S-Strong M-Medium L-Low

CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):

Level of Correlation between PSO's and CO's

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	2	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	2	3
Weightage	14	15	15	14	15
Weighted Percentage of Course Contribution to Pos	2.8	3.0	3.0	2.8	3.0

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23CK4	Accounting for Managers II	Core	Y	-	-	-	5	5	25	75	100
Learning Objectives											
CLO1	To provide basic understanding of cost concepts and classification.										
CLO2	To develop skills in tools & techniques and critically evaluate decision making in business.										
CLO3	To understand various ratios and cash flow related to finance										
CLO4	To recognize the role of budgets and variance as a tool of planning and control.										
CLO5	To gain insights into the fundamental principles of accounting and use them in day-to-day business scenarios										
UNIT	Details							No. of Hours	Learning Objectives		
I	Cost accounting – Meaning, nature, scope and functions, need, importance and limitations- Cost concepts and classification – Cost sheets – Tenders & Quotation							12	CLO1		
II	Management accounting – Meaning, nature, scope and functions, need, importance and limitations – Management Accounting vs. Cost Accounting. Management Accounting vs. Financial Accounting. Analysis and Interpretation of financial statements – Nature, objectives, essentials and tools, methods – Comparative Statements, Common Size statement and Trend analysis.							12	CLO2		
III	Ratio Analysis – Interpretation, benefits and limitations. Classification of ratios - Liquidity, Profitability, turnover. Cash flow and Funds flow statement.							12	CLO3		
IV	Budgets and budgetary control – Meaning, objectives, merits and demerits – Sales, Production, flexible budgets							12	CLO4		

	and cash budget		
V	Marginal Costing – CVP analysis – Break even analysis	12	CLO5
	Total	60	

Course Outcomes

Course Outcomes	On completion of this course, students will;	Program Outcomes
CO1	Interpret cost sheet & write comments.	PO1, PO2, PO4
CO2	Compare cost, management & financial accounting	PO6
CO3	Analyze the various ratio and compare it with standards to assess deviations	PO2, PO6
CO4	Estimate budget and use budgetary control	PO1, PO2, PO8
CO5	Evaluate marginal costing and its components	PO2, PO6

Reading List

1.	Gupta, R.L and M. Radhaswamy. Advanced Accountancy, Sultan Chand & Sons, 2016.
2.	T. S. and A. Murthy. Management Accounting. Chennai: Margham, 2007.
3.	Jain S.P and K.L Narang. Advanced Accountancy (Part II). Kalyani, 2007.
4	Maheshwari S.N, Advanced Accountancy (Part II). Vikas, 2007.
5	Man Mohan and S.N. Goyal. Principles of Management Accounting. Agra: SahityaShawan, 2017.

References Books

1.	Dr.K.Ganesan & S. Ushena Begam, Accounting for Managers – Volume II, Charulatha Publications, Chennai
2.	T. S. Reddy and Hari Prasad Reddy- Management Accounting, Margham Publication, 2016
3.	Antony Atkinson, Rebert S Kalpan, Advance Management Accounting, Pearson Publications, 2015.
4.	Horngren Sunderu Stratton, Introduction to Management Accounting, Pearson Education, 2013.
5.	Rajiv Kumar Goel & Ishaan Goel, Concept Building Approach to Management Accounting, 2019
6.	Colin Drury, Management and Cost Accounting (with CourseMate and eBook Access), Cengage, 2015.

Web Resources

1	https://www.toppr.com/guides/fundamentals-of-accounting/fundamentals-of-cost-accounting/meaning-of-management-accounting/
2	https://efinancemanagement.com/financial-accounting/management-accounting
3	http://www.accountingnotes.net/management-accounting/management-accounting-meaning-limitations-and-scope/5859
4	https://www.wallstreetmojo.com/ratio-analysis/
5	http://www.accountingnotes.net/cost-accounting/variance-analysis/what-is-variance-analysis-cost-accounting/10656

Methods of Evaluation

Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks

Methods of Assessment

Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, short summary or overview
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	M	M	M	S	L	M
CO 2	S	M	M	M	M	S	L	S
CO 3	S	M	M	M	M	S	L	S
CO 4	S	M	M	M	M	S	L	M
CO 5	S	M	M	M	M	S	L	M

S-Strong M-Medium L-Low

CO-PO Mapping with program specific outcomes (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23GK54	International Business	Generic Elective		-	-	-	3	4	25	75	100

Learning Objectives

CLO1	To familiarize students with basic concepts of International Business		
CLO2	To impart knowledge about theories of international trade		
CLO3	To know the concepts of foreign exchange market and foreign direct investment		
CLO4	To understand the global environment		
CLO5	To gain knowledge on the Contemporary Issues of International Business		
UNIT	Details	No. of Hours	Learning Objectives
I	Introduction to International Business: Importance, nature and scope of international business- Internationalization process and Approaches - Modes of entry- Multinational Corporations and their involvement in International Business- Advantage and problems of MNCs.	12	CLO1
II	Introduction of Trade theories— Mercantilism — Absolute Advantage — Comparative Advantage — Heckscher-Ohlin Theory — The New Trade Theory — Porter's Diamond Competitive Advantage Theory.	12	CLO2
III	Foreign Investments-Pattern, Foreign exchange rates and their impact on trade and investment flows-Functions of Foreign Exchange Market- Foreign Direct Investments — Factors influencing FDI — Modes of FDI entry - Horizontal and Vertical Foreign Direct Investment — Advantages of Host and Home Countries.	12	CLO3
IV	Drivers in Globalization - Globalization of Markets, production, investments and Technology. World trade in goods and services — Major trends and developments- World	12	CLO4

	trade and protectionism — Tariff and non-tariff barriers.		
V	Regional Economic Groupings in Practice- Levels of Regional Economic Integration Regionalism vs. Multilateralism- Important Regional Economic Groupings in the World. Contemporary Issues in International Business- Institutional support to international business like BREXIT, IMF, World Bank, ILO and WTO.	12	CLO5
	Total	60	
Course Outcomes			
Course Outcomes	On completion of this course, students will;		
CO1	Discuss the modes of entry to International Business	PO1, PO5, PO6	
CO2	Explain international trade theories	PO3, PO4, PO5	
CO3	Understand Foreign exchange market and FDI	PO1, PO2	
CO4	Outline the Global Business Environment	PO4, PO5, PO6	
CO5	Identify the relevance of international institutions and trading blocs.	PO7, PO8	
Reading List			
1.	Gupta CB, International Business, S Chand & Co. Ltd, 2014		
2.	Bhattacharya, B., Going International: Response Strategies of the Indian Sector, Wheeler Publishing, New Delhi.		
3.	Hill, C.W.L. and Jain, A.K., International Business: Competing in the Global Marketplace, 11th Edition, Tata McGraw-Hill Education, 2018.		
4.	Cherunilam, F., International Business: Text and Cases, 5th Edition, PHI Learning, 2010		
5.	Paul, J., International Business, 5th Edition, PHI Learning, 2010		
References Books			
1.	Deresky, H., International Management: Managing Across Borders and Cultures, 6th Edition, Pearson, 2011.		
2.	Griffin, R., International Business, 7th Edition, Pearson Education, 2012.		
3.	Tamer Cavusgil S, Gary Knight, John Riesenberger, International Business The New Realities, 4 th edition, Pearson ,2017		
4.	Aswathappa K , International Business , 7th Edition, McGraw-Hill, 2020		
5.	Subba Rao P, International Business, (Text and Cases), Himalaya Publishing House, 2016		
Web Resources			
1	https://online.hbs.edu/blog/post/international-business-examples		
2	https://saylordotorg.github.io/text_international-business		
3	https://www.imf.org/en/home		
4	https://courses.lumenlearning.com/suny-internationalbusiness/chapter/reading-what-is-international-business/		

5	http://www.simplynotes.in/e-notes/mbabba/international-business-management/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	S	S	M	M
CO 2	M	M	S	S	S	S	M	S
CO 3	S	S	M	M	M	S	M	M
CO 4	S	S	M	S	S	S	M	S
CO 5	M	M	M	M	M	M	S	S

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	2
Weightage	15	15	15	15	14
Weighted Percentage of	3.0	3.0	3.0	3.0	2.8

Course Contribution to Pos					
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Subject Code	Subject Name	Category	I	T	F	C	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23CK5	Organizational Behaviour	Specific Elective	Y	-	-	-	5	5	25	75	100
Learning Objectives											
CLO1	To have extensive knowledge onOB and the scope of OB.										
CLO2	To create awareness of Individual Behavior.										
CLO3	To enhance the understanding of Group Behavior										
CLO4	To know the basics of Organisaitonal Culture and Organisational Structure										
CLO5	To understand Organisational Change, Conflict and Power										
UNIT	Details							No. of Hours	Learning Objectives		
I	INTRODUCTION : Concept of Organizational Behavior (OB): Nature, Scope and Role of OB: Disciplines that contribute to OB; Opportunities for OB (Globalization, Indian workforce diversity, customer service, innovation and change, networked organizations, work-life balance, people skills, positive work environment, ethics)							10	CLO1		
II	INDIVIDUAL BEHAVIOUR: 1. Learning, attitude and Job satisfaction: Concept of learning, conditioning, shaping and reinforcement. Concept of attitude, components, behavior and attitude. Job satisfaction: causation; impact of satisfied employees on workplace. 2. Motivation : Concept; Theories (Hierarchy of needs, X and Y, Two factor, McClelland, Goal setting, Self-efficacy, Equity theory); Job characteristics model; Redesigning jobs, 3. Personality and Values : Concept of personality; Myers-Briggs Type Indicator (MBTI); Big Five model. Relevance of values; Linking personality and values to the workplace (person-job fit, person-organization fit) 4. Perception, Decision Making : Perception and Judgments; Factors; Linking perception to individual decision making:							18	CLO2		
III	GROUP BEHAVIOUR : 1. Groups and Work Teams : Concept : Five Stage model of group development; Group norms, cohesiveness ; Group think and shift ; Teams; types of teams; Creating team players from individuals and team based work(TBW) 2. Leadership : Concept; Trait theories; Behavioral theories (Ohio and Michigan studies);							17	CLO3		

	Contingency theories (Fiedler, Hersey and Blanchard, Path-Goal);		
IV	ORGANISATIONAL CULTURE AND STRUCTURE : Concept of culture; Impact (functions and liability); Creating and sustaining culture: Concept of structure, Prevalent organizational designs: New design options	15	CLO4
V	ORGANISATIONAL CHANGE, CONFLICT AND POWER: Forces of change; Planned change; Resistance; Approaches (Lewin's model, Organizational development);. Concept of conflict, Conflict process; Types, Functional/ Dysfunctional. Introduction to power and politics.	15	CLO5
		75	
Course Outcomes	On Completion of the course the students will	Program Outcomes	
CO1	To define Organizational Behavior, Understand the opportunity through OB.	PO1, PO2, PO6, PO7	
CO2	To apply self-awareness, motivation, leadership and learning theories at workplace.	PO2, PO4. PO5, PO6	
CO3	To analyze the complexities and solutions of group behavior.	PO1, PO2, PO4, PO5, PO6	
CO4	To impact and bring positive change in the culture of the organization.	PO2, PO3, PO4 PO5, PO8	
CO5	To create a congenial climate in the organization.	PO1, PO2, PO5 PO6, PO8	
Reading List			
1.	Neharika Vohra Stephen P. Robbins, Timothy A. Judge , <i>Organizational Behaviour</i> , Pearson Education, 18 th Edition, 2022.		
2.	Fred Luthans, <i>Organizational Behaviour</i> , Tata Mc Graw Hill, 2017.		
3.	Ray French, Charlotte Rayner, Gary Rees & Sally Rumbles, <i>Organizational Behaviour</i> , John Wiley & Sons, 2011		
4.	Louis Bevoc, Allison Shearsett, Rachael Collinson, <i>Organizational Behaviour Reference</i> , Nutri Niche System LLC (28 April 2017)		
5.	Dr. Christopher P. Neck, Jeffery D. Houghton and Emma L. Murray, <i>Organizational Behaviour: A Skill-Building Approach</i> , SAGE Publications, Inc; 2nd edition (29 November 2018).		
References Books			
1.	Uma Sekaran, <i>Organizational Behaviour Text & cases</i> , 2 nd edition, Tata McGraw Hill Publishing CO. Ltd		
2.	Gangadhar Rao, Narayana, V.S.P Rao, <i>Organizational Behaviour</i> 1987, Reprint 2000, Konark Publishers Pvt. Ltd, 1 st edition		
3.	S.S. Khanka, <i>Organizational Behaviour</i> , S. Chand & Co, New Delhi.		
4.	J. Jayasankar, <i>Organizational Behaviour</i> , Margham Publications, Chennai, 2017.		

5.	John Newstrom, <i>Organizational Behaviour: Huma Behaviour at Work</i> , McGraw Hill Education; 12th edition (1 July 2017)	
Web Resources		
1	https://www.iedunote.com/organizational-behavior	
2	https://www.london.edu/faculty-and-research/organisational-behaviour	
3	Journal of Organizational Behavior on JSTOR	
4	International Journal of Organization Theory & Behavior Emerald Publishing	
5	https://2012books.lardbucket.org/pdfs/an-introduction-to-organizational-behavior-v1.1.pdf	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	S	M	M	S	S	M	M
CO 2	S	S	M	S	S	S	M	S
CO 3	S	M	M	M	S	S	M	S
CO 4	S	S	M	M	S	S	M	M
CO 5	S	S	M	M	S	S	M	M

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	C	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CK6	Financial Management	Core	Y	-	-	-	5	5	25	75	100
Learning Objectives											
CLO1	Understand the basics of finance and roles of finance manager										
CLO2	Evaluate Capital structure & Cost of capital										
CLO3	Evaluate Capital budgeting										
CLO4	Assess dividends										
CLO5	Appraise Working Capital										
UNIT	Details							No. of Hours	Learning Objectives		
I	Meaning, objectives and Importance of Finance – Sources of finance – Functions of financial management – Role of financial manager in Financial Management.							15	CLO1		
II	Capital structures planning - Factors affecting capital structures – Determining Debt and Equity proportion – Theories of capital structures – Leverage concept. Cost of capital – Cost of equity – Cost of preference share capital – Cost of debt – Cost of retained earnings – Weighted Average (or) Composite cost of capital (WACC)							15	CLO2		
III	Capital Budgeting: ARR, Pay back period, Net present value, IRR, Capital rationing, simple problems on capital budgeting methods.							15	CLO3		
IV	Dividend policies – Factors affecting dividend payment - Company Law provision on dividend payment –Various Dividend Models (Walter’s Gordon’s –M.M. Hypothesis)							15	CLO4		
V	Working capital – Components of working capital –operating cycle – Factors influencing working capital –							15	C5		

	Determining (or) Forecasting of working capital requirements.		
	Total	75	
Course Outcomes			
Course Outcomes	On Completion of this course, the students will	Program Outcomes	
CO1	Understand the basics of finance and roles of finance manager	PO1, PO5, PO6	
CO2	Evaluate Capital structure & Cost of capital	PO1, PO2, PO6	
CO3	Evaluate Capital budgeting	PO1, PO6	
CO4	Assessing dividends	PO1, PO6	
CO5	Appraise Working Capital	PO1, PO6	
Reading List			
1.	DrKulkarni and Dr. SathyaPrasad, Financial Management, 13 th Edition 2011		
2.	Advanced Financial Management kohok, M A, Everest Publishing House		
3.	Financial Management Kishore R M, Taxman Allied Service		
4.	Strategic Financial Management Jakhotiya		
5.	Financial Management & Policy Srivastava, R M Himalaya		
References Books			
1.	Dr. K. Ganesan & S.Ushena Begam, Financial Management, Charulatha Publications , Chennai		
2.	Financial Management - I.M.Pandey, 2009 Vikas Publishing		
3.	Financial Management – PrasannaChandra , 2008, Tata McGraw Hill, New Delhi		
4.	Financial Management – S.N.Maheswari		
5.	Financial Management – Y. Khan and Jain 2009 Edition, Sultan Chand & Sons		
6.	Financial Management – A. Murthy		
Web Resources			
1.	https://mycbseguide.com/blog/financial-management-class-12-notes-business-studies/		
2.	https://images.topperlearning.com/topper/revisionnotes/8006_Topper_21_101_504_553_10201_Financial_Management_up201904181129_1555567170_5654.pdf		
3.	Journal of Financial Management (esciencepress.net)		
4.	Financial Management on JSTOR		
5.	Financial Management Wiley online library		
Methods of Evaluation			
Internal Evaluation	Continuous Internal Assessment Test		25 Marks
	Assignments		
	Seminars		
	Attendance and Class Participation		
External	End Semester Examination		75 Marks

Evaluation		
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	M	S	L	M
CO 2	S	S	M	M	M	S	L	S
CO 3	S	S	M	M	M	S	L	S
CO 4	S	S	M	M	M	S	L	M
CO 5	S	S	M	M	M	S	L	M

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	2	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	2.8	3.0	3.0

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t · H o u r	Marks	
									C I A	E x t e r n a l

								s			
U23GK55	BUSINESS STATISTICS	Gen eric Elec tive	Y	-	-	-	3	4	2 5	75	100
Learning Objectives											
CLO1	Apply the Measures of Central Tendency in business										
CLO2	Understanding the Measures of Variation										
CLO3	Analyze of Time Series										
CLO4	Understand Index Numbers and Statistical quality control										
CLO5	Testing of hypothesis										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction – Meaning and Definition of Statistics – Collection and Tabulation of Statistical Data – Presentation of Statistical Data – Graphs and Diagrams- Measures of Central Tendency – Arithmetic Mean, Median and Mode – Harmonic Mean and Geometric Mean.							12	CLO1		
II	Measures of Variation – Standard Deviation – Mean deviation – Quartile deviation- Skewness and kurtosis – Lorenz Curve – Simple Correlation – Scatter Diagram – Karl Pearson’s Correlation – Rank Correlation – Regression.							12	CLO2		
III	Analysis of Time Series – Methods of Measuring Trend and Seasonal Variations							12	CLO3		
IV	Index Numbers – Consumer Price Index – And Cost of Living Indices.							12	CLO4		
V	Testing of hypothesis – Chi-Square test, T Test, F Test, ANOVA.							12	CLO5		
								60			
Course Outcomes											
Course Outcomes	On Completion of the course the students will							Program Outcomes			
CO1	Measures of Central Tendency							PO1,PO2,PO4,PO6			
CO2	Measures of Variation							PO1,PO2,PO6			
CO3	Analyze of Time Series							PO1,PO2,PO6			
CO4	Understand Index Numbers							PO1,PO2,PO6			

CO5	Test Hypothesis	PO2,PO8
Reading List		
1.	P.R. Vittal, Business Mathematics and Statistics, Margham Publications, Chennai,2004.	
2.	S.P. Gupta, Statistical Methods, Sultan Chand & Sons, NewDelhi,2007.	
3.	S.P. Gupta, Elements of Business Statistics, Sultan Chand & Sons, NewDelhi,2007.	
4.	J.K. Sharma, Business Statistics, Pearson Education, New Delhi,2007.	
5.	Business Statistics & OR - Dr. S. P. Rajagopalan, Tata McGraw-Hill	
References Books		
1.	David M.Levine, David F.Stephan etal. Business Statistics : A first Course, 7 th edition	
2.	Dina Nath Pandit, Statistics: A Modern Approach , Hindustan Publishing Corporation	
3.	Hazarika Padmalochan,A textbook of Business Statistics , S.Chand Publications	
4.	Vohra ND, Business Statistics: Text and Problems – With Introduction to Business Analytics, Mc Graw Hill ,2021	
5.	Alexander Holmes, Barbara Illowsky and Susan Dean, Introductory Business Statistics , 12 th Media Services, 2017	
Web Resources		
1	https://theintactone.com/2019/09/01/ccsubba-204-business-statistics/	
2	https://ug.its.edu.in/sites/default/files/Business%20Statistics.pdf	
3	http://www.statisticshowto.com	
4	https://statisticsbyjim.com/basics/measures-central-tendency-mean-median-mode/	
5	https://www.toppr.com/guides/business-mathematics-and-statistics/index-numbers/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	

	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	S	S	M	S	S	S	M	S
CO2	S	S	M	M	M	S	M	S
CO3	S	S	M	M	S	S	M	S
CO4	S	S	M	M	M	S	M	S
CO5	S	S	M	S	S	S	M	S

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO / PO	PSO1	PSO2	PSO3	PSO4	Marks	PSO5		
CO1	3	3	3	3		3		
CO2	3	3	3	3		3		
CO3	3	3	3	3		3		
CO4	3	3	3	3		3		
CO5	3	3	3	3		3		
Weightage	15	15	15	15		15		
Weighted percentage of Course Contribution to PO's	3.0	3.0	3.0	3.0		3.0		
Subject Code	Subject Name		Category	Credits	Inst. H	CI A	External	Total

								o u r s				
U23CK7	Business Environment	Core	Y	-	-	-	5	5	25	75	100	
Course Objectives												
CLO1	To impart knowledge on the concept of business environment & its significance											
CLO2	To know the political environmental factors and its impact on business.											
CLO3	To know the Economic environmental factors and its impact on business											
CLO4	To throw light on importance of the types of Social Organization.											
CLO5	To create awareness of industrial-technological advancements.											
UNIT	Details							No. of Hours	Course Objectives			
I	The concept of Business Environment: its nature and significance A brief overview of political, cultural, legal, economic, and social environments and their impact on business and strategic decisions							12	CLO1			
II	Political Environment: Functions of state, economic roles of government, government and legal environment. The constitutional environment, rationale and extent of state intervention							12	CLO2			
III	Economic Environment: Business Cycles (Inflation, Deflation), Macroeconomic Parameters Like GDP, Growth Rate, Population, Urbanization, National Income, and Per Capita Income, and Their Impact on Business Decisions Five-year planning; establishment of NITI Aayog (National Institution for Transforming India); 1991 New Economic Policy; business liberalization, privatization, and globalization							12	CLO3			
IV	Social environment; cultural heritage; social attitudes; castes and communities Joint family systems; linguistic and religious groups; types of social organization							12	CLO4			
V	Technology environment – Industry 4.0-Meaning-Features-basic Applications and Uses- Block chain, AI, AR, Cloud, IOT, IIOT, Big Data and Analytics							12	CLO5			
	Total							60				
Course Outcomes												
Course Outcomes	On completion of this course, students will;											
CO1	To understand the concepts of Business Environment.							PO1,PO2				
CO2	To apply knowledge in the business and strategic decisions.							PO1, PO2,PO3				
CO3	To analyze the importance of business in various social							PO2,PO4, PO5,PO6, PO8				

	groups.	
CO4	To evaluate the types of economic environment and its impact on business.	PO3,PO4, PO5, PO6
CO5	To construct and assess the environment for real-time business	PO1,PO2,PO3, PO8
Reading List		
1.	Sankaran.S (Reprint 2016) Business Environment, Margham Publishing House, hid Revised Edition	
2.	Gupta C B (Reprint 2018) ,Business Environment, Sultan Chand & Sons. Eleventh Revised Edition	
3.	K.Ashwathappa, (Reprint 2016) Essentials of Business Environment, Himalaya Publishing House, 6 th Edition, India	
4.	Joshi Rosy Kapoor Sangam, Business Environment, Kalyani Publishers, Ludhiana	
References Books		
1.	Business Environment : A Test/Reference Book With Case Studies Ebook : Prakash , N R Mohan	
2.	Business Environment Ruchi GoyalPublisher: Neelkanth Publishers Pvt. Ltd.2019	
3.	Business Environment,Fourth Edition,By Pearson	
4.	Business Environment Indian And Global Perspective 3Rd Edition by AHMED, FAISAL ALAM, M. ABSAR, PHI Learning	
Web Resources		
1.	https://www.toppr.com/guides/commercial-knowledge/business-environment/macro-political-legal-social-environment/	
2.	https://www.healthknowledge.org.uk/public-health-textbook/organisation-management/5b-understanding-ofs/assessing-impact-external-influences	
3.	Francis Cherunilam, 2002, Business environment, Himalaya Publishing House, 11 th Revised Edition,India.	
4.	https://pestleanalysis.com/political-factors-affecting-business/	
5.	https://www.taxmann.com/bookstore/bookshop/bookfiles/businessandcommercialknowledgechapter2.pdf	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	

Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	S	S	M	M	S
CO 2	S	S	M	S	S	M	M	S
CO 3	S	S	M	S	S	M	M	S
CO 4	S	S	M	S	S	M	M	S
CO 5	S	S	M	S	S	M	M	S

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)
Level of Correlation between PSO's and CO's

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	2	3	3
CO 3	3	3	3	3	3
CO 4	2	3	3	3	3
CO 5	3	3	3	3	3
Weightage	14	15	14	15	15
Weighted percentage of Course Contribution to Pos	2.8	3.0	2.8	3	3.0

Subject Code	Subject Name	C a t e g o r y	I	T	P	C	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23CK8	BUSINESS REGULATORY FRAME WORK	Cor e	Y	-	-	-	5	5	2 5	75	100
Course Objectives											
CLO1	Explain Indian Contracts Act										
CLO2	Understand Sales of goods act& contract of agency										
CLO3	Understand Indian Companies Act 1956										
CLO4	Understand Consumer Protection Act – RTI										
CLO5	Understand Cyber law										
UNIT	Details							No. of Hours	Learning Objectives		
I	Brief outline of Indian Contracts Act - Special contracts Act							15	CLO1		
II	Sale of goods Act - Contract of Agency							15	CLO2		
III	Brief outline of Indian Companies Act 1956.- kinds-formation-MOA-AOA- Prospectus- Appointment of Directors- Duties-Meeting- Resolutions-Winding up -							15	CLO3		
IV	Consumer Protection Act – RTI							15	CLO4		
V	Brief outline of Cyberlaws – IT Act 2000 & 2008							15	CLO5		
								75			
Course Outcomes	On Completion of the course the students will							Program Outcomes			
CO1	Explain Indian Contracts Act							PO1,PO3,PO6,PO8			
CO2	Understand Sales of goods act and Contract of Agency							PO1,PO2,PO3,PO4, PO5,PO8			
CO3	Understand Indian Companies Act 1956							PO3,PO4,PO6,PO8			

CO4	Understand Consumer Protection Act – RTI	PO1,PO2,PO3,PO6, PO7,PO8
CO5	Understand Cyber law	PO1,PO3,PO6,PO7, PO8
Reading List		
1	Tulsian.P.C Business Law (2018) Third Edition, McGraw Hill Publications	
2	Pillai R S N, Bhagavati, Business Law, Third Edition, Sultan Chand	
3	N D Kapoor(2019), Elements of Merchantile Law, Sultan Chand & Sons	
4	Constitutional Law – Dr. M.R. Sreenivasan & Ananda Krishna Deshkulkarni	
5	Business Law (Commercial Law) – Dr. M.R. Sreenivasan	
References Books		
1	Business Regulatory Framework, Sahitya Bhawan Publications. Revised, 2022.	
2	Business Regulatory Framework, Garg K.C., Sareen V.K., Sharma Mukesh, 2013	
3	Business Regulatory Framework Pearson Education India, 2011	
4	Bare Acts- RTI, Consumer Protection Act	
5	Business Regulatory Framework , Dr. Pawan Kumar Oberoi, Global Academic Publishers & Distributors, 2015	
Web Resources		
1	https://www.gkpad.com/sachin/06-22/bcom-Business-Regulatory-Framework---l.html	
2	http://www.simplynotes.in/e-notes/mcomb-com/business-regulatory-framework/	
3	https://www.studocu.com/in/course/mahatma-gandhi-university/business-regularly-framework/51661	
4	International Journal of Law (lawjournals.org)	
5	https://www.himpub.com/BookDetail.aspx?BookId=1936&NB=&Book_TitleM=%20Business%20Regulatory%20Framework	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External	End Semester Examination	75 Marks

Evaluation		
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	S	S	L	S
CO 2	S	M	M	M	S	S	L	S
CO 3	S	M	M	M	S	S	L	S
CO 4	S	M	M	M	S	S	L	S
CO 5	S	M	M	M	S	S	L	S

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	3	3
CO 2	3	3	3	3	3
CO 3	3	3	2	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	13	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	2.6	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI A	External	Total
U23GK56	Operation Research	Generic Elective	Y	-	-	-	3	3	25	75	100
Learning Objectives											
CLO1	Introduction to Operations Research definition and concept Essential features of LPP.										
CLO2	Formulation of Transportation problem and finding an initial basic feasible solution.										
CLO3	Expressing Assignment problem, Hungarian method- Minimization and Maximization case and Sequencing Problem.										
CLO4	Analyze Network models and constructing network- critical path, various floats.										
CLO5	Analyze Game Theory and Decision Theory										
UNIT	Details							No. of Hours	Learning Objectives		
I	Linear Programming problem -Concept and scope of OR, general mathematical model of LPP, steps of L.P model formulation, Graphical method of the solution of LPP-simple problems.							12	CLO1		
II	Transportation problem- Basic definitions, formulation of transportation problem as LPP, finding an initial basic feasible solution- North -west corner rule, row minima method, column minima method, least cost entry method-Vogel's approximation method to find the optimal solution.							12	CLO2		

III	Assignment problem-Hungarian method- Minimization and Maximization case, unbalanced assignment problem. Sequencing Problem-Processing n jobs on 2 machines, processing n jobs on 3 machines, processing n jobs on m machines.	12	CLO3
IV	Network models-PERT and CPM — difference between PERT and CPM- constructing network- critical path, various floats, three-time estimates for PERT	12	CLO4
V	Game Theory- Maximum-Minmax criterion, Saddle point, Dominance property, Graphical method for solving 2xn and mx2 game. Decision Theory –statement of Baye’s theorem application - decision trees.	12	CLO5
		60	
Course Outcomes	On Completion of the course the students will	Program Outcomes	
CO1	Analyse Linear Programming	PO1,PO2,PO6	
CO2	Analyze Transportation problem	PO1,PO2,PO6	
CO3	Analyze Assignment problem	PO1,PO2,PO6	
CO4	Analyze Network models	PO1,PO2,PO6	
CO5	Analyze Game Theory and Decision Theory	PO1,PO2,PO6	
Reading List			
1.	Operational Research Research.com		
2.	Operations Research PubsOnLine (informs.org)		
3.	Prabandhan : Journal of Management		
4.	International Journal of Operations research		
5.	DR H. Premraj, Elements of Operation Research, Margham publications, Chennai, 2019		
References Books			
1.	P.R. Vittal& V. Malini, Operative Research – Margham Publications – Chennai – 17.		
2.	P.K. Gupta& Man Mohan, Problems in Operations Research – Sultan Chand & sons – New Delhi		
3.	V.K. Kapoor, Introduction to operational Research – Sultan Chand & sons – New Delhi		
4.	Hamdy A Taha, Operation Research – An Introduction prentice Hall of India- New Delhi		
5.	P. Gupta, N. Aruna Rani, M. Haritha (2018), Operations Research and Quantitative Techniques, First edition, Himalaya Publishing House.		
Web Resources			

1	chromeextension://efaidnbmnnnibpcajpcgglefindmkaj/https://www.rccmindore.com/wp-content/uploads/2021/04/Operations-Research.pdf	
2	chromeextension://efaidnbmnnnibpcajpcgglefindmkaj/https://www.bbau.ac.in/dept/UIET/EMER601%20Operation%20Research%20Queuing%20theory.pdf	
3	https://www.onlinemathlearning.com › linear-programming-example	
4	https://www.kellogg.northwestern.edu › weber › Notes_6_Decision_trees	
5	www.pondiuni.edu.in › sites › default › files	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	S	S	M	M	M	S	M	S
CO2	S	S	M	M	S	S	M	S
CO3	S	S	M	M	S	S	M	S
CO4	S	S	M	M	M	S	M	S
CO5	S	S	M	M	M	S	M	S

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PO's	3.0	3.0	3.0	3.0	3.0

INSTITUTIONAL TRAINING *

Curricular note on Skill enhancing core paper with Internal evaluation for the award of 2 Credits

Aims: The purpose of this skill enhancing (Training) core paper is to bridge the theoretical fundamentals with that of actual practice and to inculcate a spirit of inquiry & research rigor to investigate the nuances that go into the working of industry at large. Apart from adapting as team-worker, students are expected to gather, filter the required information and report the dynamics of the chosen industry in a standardized format.

Process: Colleges may institute MoU/Collaborative initiative with firms in their locality to get the consent and to make the training more purposeful. Every student, individually or in a group not exceeding three, shall undergo a four-week [a minimum of twenty working days] training in any organization [size, type and location to be specified by the respective college] of his/her choice during the vacation between fourth and fifth semester. In case of insufficient vacation, college level adjustments can be made to facilitate the students on training.

Prior permission may be obtained from the organization in advance by the students concerned and information shall be passed onto the colleges thus enabling the training supervision by the concerned faculties authorized by the college.

Weekly postal or electronic reporting should be obtained to ensure coherent and comprehensive training during the training period. A final report [Institutional Training Record – ITR] containing the introduction of the industry, the profile of the company and a valid conclusion indicating the benefits of the training shall be given not exceeding 30 [A4] pages [in a spiral- bound form/pre-printed record designed for this purpose].s

Reporting Proforma: The profile of the company may include the organization-chart, people involved in key-positions, year of establishment and growth pattern (for at least five years), the products dealt and market to which it caters to, sales turn-over, market share [for last three years], competitors' details, number of employees and their brief profile, share

capital&

Share holding pattern, market capitalization (in case of listed public company), group companies, if any, awards & recognitions (if any received), litigations, if any involved and so on.

Outcome: Internal evaluation by the concerned training supervisor along with HOD shall be made during the beginning of fifth semester for award of two credits and report the same to the university.

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	Tot al
U23CK9	HUMAN RESOURCE MANAGEMENT	C o r e	Y	-	-	-	4	5	25	75	100
Learning Objectives											
CLO1	Explain the concepts, functions and process of HRM										
CLO2	Examine the selection and placement process										
CLO3	Evaluate the training and performance										
CLO4	Understand the importance of employee engagement and compensation										
CLO5	Understand the recent trends in HR										
UNIT	Details							No. of Hours	Learning Objectives		
I	Nature and scope of Human Resources Management –Roles & responsibilities of HR manager-HR Policies & procedures-Differences between personnel management and HRM –Environment of HRM -Concept &scope of Strategic Human resource management (SHRM) -HRM as a competitive advantage in the VUCA world							15	CLO1		

II	Human Resource Planning- Job Evaluation-methods- Job analysis-Job description, Job specification .Recruitment – Selection – Process, Methods – Interview, Tests, Induction and Placement,	15	CLO2
III	Training and Development, Training Process, Methods, Training Need Assessment , Career Development. Transfer and Promotion. Performance Management –Meaning- Process- Performance appraisal methods-Performance Monitoring and review.	15	CLO3
IV	Employee Engagement- Meaning- Importance-evaluation- measuring employee employee engagement- Employee Compensation-components- incentives- benefits- welfare and social security measures	15	CLO4
V	Human Resource Audit – Nature – Benefits – Scope – Approaches. HRIS. Recent trends in HRM: Green HRM&Virtual HRM Practices, Understanding People Analytics, Multigenerational workforce.Global HRM	15	CLO5
		75	
Course Outcomes	On Completion of the course the students will	Program Outcomes	
CO1	Explain the concepts, functions and process of HRM	PO1,PO2,PO4,PO6	
CO2	Examine the selection and placement process	PO1,PO2,PO4,PO6,PO7,P O8	
CO3	Evaluate the training and performance appraisal	PO2,PO 3, PO5,PO6,PO8	
CO4	Understand the employee engagement and compensation	PO1 PO2,PO3,PO4,PO5,PO6	
CO5	Understand the recent trends in HR	PO2,PO3,PO6,PO7, PO8	
Reading List			
1.	Shashi K. Gupta & Rosy Joshi , Human Resource Management , Kalayani Publisher 1st Edition, 2018		
2.	Steve Brown, HR on Purpose: Developing Deliberate People Passion, Society for Human Resource Management, 1 st Edition, 2017		
3	Bernard Marr, Data-Driven HR: How to Use Analytics and Metrics to DrivePerformance, Kogan Page, 1 st Edition, 2018		
4	Kirs Wayne Cascio and John Boudreau, Investing in People: Financial Impact of Human Resource Initiatives, Prentice Hall , 2nd Edition, 2015		

5	Srinivas R Kandula, , Competency Based Human Resource Managemet, PHI Learning , 1st Edition, 2013	
References Books		
1.	V S P Rao, Human Resource Management : Text & Cases, Excel Books, 3 rd Edition ,2010	
2.	K.Ashwathappa, Human Resource Management- Text and cases, McGraw Hill Education India, 6 th Edition	
3.	Garry Deseler, Human Resource Management, Pearson, 15 th Edition, 2017	
4.	L M Prasad , Human Resource Management , Sultan Chand and Sons 3 rd Edition , 2014	
5.	Tripathi. P C, Human Resource Management, Sultan Chand and Sons 1st Edition, 2010	
Web Resources		
1	https://mrcet.com/downloads/MBA/digitalnotes/Human%20Resource%20Management.pdf	
2	http://kamarajcollege.ac.in/Department/BBA/III%20Year/e003%20Core%2019%20-%20Human%20Resource%20Management%20-%20VI%20Sem.pdf	
3	https://backup.pondiuni.edu.in/sites/default/files/HR%20Management-230113.pdf	
4	https://www.studocu.com/row/document/jagannath-university/business-communication/hrm-notes-bba/4305835	
5	http://14.139.185.6/website/SDE/SLM-III%20Sem%20BBA%20Human%20Resource%20Management.pdf	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate	Longer essay/ Evaluation essay, Critique or justify with pros and cons	

(K5)	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	M	S	M	M
CO 2	S	S	M	M	M	S	M	M
CO 3	S	S	M	M	M	S	M	S
CO 4	S	S	M	M	S	S	M	M
CO 5	S	S	M	M	M	S	M	M

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	2	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	2.8	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CK10	Research Methodology	Core		-	-	-	4	5	25	75	100
Learning Objectives											
CLO1	To familiarize the students to the basic concepts of Research and operationalize research problem										
CLO2	To provide insights on research design and scaling										
CLO3	To throw light on data collection and presentation										
CLO4	To elucidate on Hypothesis Testing and other statistical Test										
CLO5	To summarize and present research results with focus on ethics and plagiarism										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction to Business Research - Research in Business – Research Process- Research need, formulating the problem, designing, sampling, pilot testing.							15	CLO1		
II	Research Design- Exploratory, Descriptive, Casual, Formulation of hypothesis - types. Measurement-characteristics of sound measurement tool, Scaling methods and sampling-characteristics- process-techniques.							15	CLO2		
III	Sources and Collection of Data - Primary and secondary sources, survey observation, experimentation- details and evaluation. -							15	CLO3		

	Questionnaires – schedules.		
IV	Data Analysis and Preparation- Data entry, Data coding, editing, classification and tabulation & cross tabulation- presentation of data.	15	CLO4
V	Presenting results and writing the report: - The written research Report & Research Ethics – Plagiarism.	15	CLO5
Total		75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;		
CO1	Understand the concepts and principles of Research	PO1, PO2, PO6, PO7	
CO2	Comprehend and decide the usage of design and formulate hypothesis	PO1, PO2, PO6	
CO3	Analyze data collection sources and tools	PO1, PO2, PO7	
CO4	Summarize and establish solutions through data analysis	PO1, PO2, PO6	
CO5	Compare and justify the process of writing and organizing a research report.	PO1, PO2, PO3, PO4, PO6	
Reading List			
1	W. Lawrence Newman” Social Research Methods: Qualitative and Quantitative Approaches 7 th Edition, Pearson Education India 2014		
2	Mark Saunders, Philip Lewis. Adrain Thornhill” Research Methods for Business Students” 5 th Edition Pearson India 2011		
3	John W Creswell, Research Design : Qualitative, Quantitative and Mixed Method Approaches , Sage , 4th Edition , 2014		
4	Emma Bell, Bill Harley, and Alan Bryman, Business Research Methods, Oxford University Press , 6 th Edition , 2022		
5	Naresh K Malhotra, Marketing Research An applied Orientation, Pearson , 7th Edition, 2019		
Reference Books			
1.	C.R Kothari, Gaurav Garg, Research Methodology Methods and Techniques, 4th edition, New Age International Publisher 2019.		
2.	Donald R. Cooper, Pamela S. Schindler, Business Research Methods, 12th edition, Tata McGraw Hill, 2018.		
3.	Kumar R, Research Methodology, a step-by-step guide for beginners, Sage South Asia 2011.		
4.	Richard L. Levin, Davis S. Rubin, Sanjay Rastogi, Masood H. Siddiqui, Statistics for Management, Pearson Education, 8th edition, 2017.		
5.	Dr. R.K. Jain, Research Methodology, Methods and Techniques, Vayu Education 2021		
Web Resources			
1.	https://mrcet.com/downloads/digital_notes/CSE/Mtech/I%20Year/RESEARCH%20METHODOLOGY.pdf		
2.	https://kamarajcollege.ac.in/Department/BBA/III%20Year/004%20Core%2016%20-%20Research%20Methodology%20-V%20Sem%20BBA.pdf		
3.	https://prog.lmu.edu.ng/colleges_CMS/document/books/EIE%20510%20LECTURE%20NOTES%20first.pdf		
4.	https://gurukpo.com/Content/BBA/ResearchMethod in Mngg.pdf		
5.	https://ebooks.lpude.in/commerce/mcom/term_2/DCOM408_DMGT404_RESEARC		

<u>H METHODOLOGY.pdf</u>		
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	M	S	S	S
CO 2	S	S	M	M	M	S	S	S
CO 3	S	S	M	M	M	S	S	S
CO 4	S	S	M	M	M	S	S	S
CO 5	S	S	S	S	S	S	S	M

S-Strong M-Medium L-Low

**CO-PO Mapping (Course Articulation Matrix)
Level of Correlation between PSO's and CO's**

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	2	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	2.8	3.0	3.0

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23CK11	Business Taxation	Core	Y	-	-	-	4	5	25	75	100
Learning Objectives											
CLO1	To understand the basic concepts of Taxes.										
CLO2	To provide insights on the Income Tax Act.										
CLO3	To evaluate the procedure for assessment and methods of valuation for customs.										
CLO4	To discuss on GST.										
CLO5	To analyze and apply the returns, Tax payment and Penalties under GST										
UNIT	Details							No. of Hours	Learning Objectives		
I	Objectives Of Taxation – Canons of Taxation – Tax System In India – Direct And Indirect Taxes – Meaning And Types.							15	CLO1		
II	Income Tax Act 1961 – Basic Concepts and Definitions – Income, Assessee, Person, Previous Year, Assessment Year, Gross Total Income, Total Income. Meaning of Permanent Account Number, Return of Income, TDS - Meaning - Rates - Filing and Return, Advance Tax, Rates of Taxation, Assessment Procedure							15	CLO2		

III	Customs Act 1962 - Introduction, Objectives, Definitions, Functions and powers of customs authorities, different types of custom duties. Classification of goods, procedure for assessment and methods of valuation for customs, demand and recovery of customs duty, procedure for claiming customs duty drawback.	15	CLO3
IV	Definitions of GST – business related person’s capital goods – levy and collection of tax – mixed supply, composite supply – meaning, advantages and disadvantages of unregistered supplier – time and value of supply – goods, services – input tax credit – Registration of GST – person liable for registration, not liable for registration, Registration of casual taxable person, deemed on cancellation of registration, revocation of cancellation of registration- VAT.	15	CLO4
V	Tax Invoice, Credit and Debit notes –Return of GST, Refunds, payment of tax, assessment and audit. An Overview of Tax Audit – Tax Incentives and Export Promotions, Deductions and Exemptions.	15	CLO5
Total		75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;		
CO1	To define and understand the basic concepts of tax.	PO2, PO6	
CO2	To Examine and apply GST rules in real-time business situations.	PO2, PO5, PO6	
CO3	To analyze the elements of GST mechanism in India.	PO6, PO7, PO8	
CO4	To evaluate the rules of Income Tax and methods of valuation for customs.	PO2, PO4	
CO5	To prepare the needed documents under GST Compliance.	PO1, PO2, PO4, PO8	
Reading List			
1.	V.S. Datey, Central Excise , JBA Publishers, Edition 2013. Reddy. T. S and Y. Hari Prasad Reddy.		
2.	Business Taxation (Goods & Services TAX - GST) , Margam Publication, Edition 2019.		
3.	Srinivasan N.P and Priya Swami. M, Business Taxation , Kalyani publishers Edition 2013		
4.	Pagaredinkar, Business Taxation , Sultan Chand and Sons, 2012.		
5.	VISION: Journal of Indian Taxation		
References Books			
1.	Senthil and Senthil, Business Taxation, Himalaya Publication, 4 th Edition.		
2.	Vinodk. Singania, Indirect Tax, Sultan Chand and Sons, Edition 2013.		
3.	Dr. Rajani Bhat & Dr. Dhamodharan V, Indirect Taxation , TR		

	Publications , Chennai , 2020	
4.	DR. VandhanaBangar ,YogendraBangar , Indirect tax laws, AadhyaPrakasam Allahabad 2018.	
5.	T.S. Reddy &Y.HariprasadReddy , Business Taxation, Margham Publications, Chennai 2018.	
Web Resources		
1.	https://www.gst.gov.in/	
2.	https://gstcouncil.gov.in/	
3.	https://taxguru.in/custom-duty/types-duties-customs.html	
4.	https://www.indiantradeportal.in/vs.jsp?lang=0&id=0,25,857,3901	
5.	https://www.aegonlife.com/insurance-investment-knowledge/tax-structure-in-india-explained/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	M	M	M	M	S	M	M	M
CO2	S	M	M	M	M	M	M	M
CO3	S	M	M	M	S	M	M	M

CO4	S	M	M	M	S	M	M	M
CO5	M	M	M	M	S	M	M	M

CO-PO Mapping (Course Articulation Matrix)
Level of Correlation between PSO's and CO's

CO / PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PO's	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	C	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CK12	MANAGEMENT INFORMATION SYSTEM	Core	Y	-	-	-	4	5	25	75	100
Learning Objectives											
CLO1	Understand MIS in decision making										
CLO2	Explain MIS, its structure and role in management functions										
CLO3	Classify & discuss information system categories, Database Management systems										
CLO4	Discuss SDLC and functional information system categories										
CLO5	Outline functions of BPO, Data mining and the recent trends in information management										
UNIT	Details							No. of Hours	Learning Objectives		
I	Definition of Management Information System - MIS							12	CLO1		

	support for planning, Organizing and controlling - Structure of MIS - Information for decision -making. – Ethical issues		
II	Concept of System - Characteristics of System - Systems classification - Categories of Information Systems - Strategic information system and competitive advantage	12	CLO2
III	Computers and Information Processing - Classification of computer - Input Devices – Output devices - Storage devices, - Batch and online processing. Hardware - Software. Database management Systems.	12	CLO3
IV	System Analysis and design - SDLC - Role of System Analyst - Functional Information system - Personnel, production, material, marketing.	12	CLO4
V	Decision Support Systems - Business Process Outsourcing - Definition and function - Introduction to business analytics & relevance of big data.	12	CLO5
		60	

Course Outcomes	On Completion of the course the students will	Program Outcomes
CO1	Understand MIS in decision making	PO1, PO4, PO5, PO7, PO8
CO2	Explain MIS, its structure and role in management functions	PO1, PO4, PO5, PO7
CO3	Classify & discuss information system categories, Database Management systems	PO2, PO5, PO6, PO7, PO8
CO4	Discuss SDLC and functional information system categories	PO1, PO4, PO5, PO7
CO5	Outline functions of BPO, Data mining and the recent trends in information management	PO2, PO3, PO4, PO6, PO7, PO8

Reading List

1.	Management Information Systems: Conceptual Foundations, Structure & Development by Davis, Olson, M. 2nd edition Tata McGraw Hill (TMH) Publications India
2.	Dr. S.P. Rajagopalan, "Management Information Systems and EDP ", Margham Publications , Chennai.
3	Management Information System by Jawadekar, Tata Mc Graw hill Publication, 2 nd Edition
4	Management Information System by Ozz Effy
5	Sadagopan, "Management Information Systems" - Prentice- Hall of India

References Books

1.	Mudrick & Ross, "Management Information Systems", Prentice - Hall of India.
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2.	Management Information System by Concise study by Kelkhar S A	
3.	CSV Murthy - "Management Information Systems" Himalaya publishing House.	
4.	Michael Alexander (2014) Business Intelligence Tools for Excel Analysts	
5	Management Information System by Oka MM	
Web Resources		
1.	https://www.tutorialspoint.com/management_information_system/management_information_system.htm	
2.	http://tumkuruniversity.ac.in/ocug/comm/notes/MIS.pdf	
3	JMIS - Journal of Management Information Systems (jmis-web.org)	
4	Management Information Systems Quarterly AIS Affiliated Journals Association for Information Systems (aisnet.org)	
5	https://nitsri.ac.in/Department/Electronics%20&%20Communication%20Engineering/MIS-Notes	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	S	S	S	M
CO 2	S	M	M	M	S	S	S	M

CO 3	M	M	M	M	M	M	S	M
CO 4	S	S	M	M	M	S	S	M
CO 5	S	M	M	M	S	S	S	M

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	2	3	3
CO 3	3	3	3	3	3
CO 4	2	3	3	3	3
CO 5	3	3	3	3	3
Weightage	14	15	14	15	15
Weighted percentage of Course Contribution to Pos	2.8	3.0	2.8	3	3.0

Subject Code	Subject Name	C at eg or y	L	T	P	O	C r e d i t s	I n s t . H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23DK1A	Digital Marketing	Spec ific Elec tive	Y	-	-	-	3	4	25	75	100
Learning Objectives											
CLO1	To provide basic knowledge about digital marketing.										
CLO2	To understand and develop various digital marketing tools used for business.										

CLO3	To know the digital analytics and measurement tools used for digital marketing.		
CLO4	To familiarise online and Social media marketing		
CLO5	To Understand various data analytics and measurement tools in digital marketing		
UNIT	Details	No. of Hours	Learning Objectives
I	Introduction to Digital Marketing – Origin & Development of Digital Marketing – Traditional vs Digital Marketing – Opportunities & Challenges- Online Marketing Mix – Digital Advertising Market in India. 6M Framework – ASCOR & POEM Digital Marketing framework.	12	CLO1
II	Content Marketing – Content creation process – Content pillar - Types – A/B Testing – Display Advertising – Search Engine Marketing –Search Engine Optimization (On page & Off page optimization) - Email Marketing, – Mobile Marketing.	12	CLO2
III	Social Media Marketing: Building successful social media digital strategy – Piggy bank theory – Personal branding in social media – Crowdsourcing – Lead generation & sales in social media.	12	CLO4
IV	Online Reputation Management: Social commerce: Ratings & Reviews -Word of Mouth- User generated content – Co-Marketing – Affiliate Marketing - Influencer Marketing.	12	CLO5
V	Digital Analytics & Measurement: Importance of Analytics in digital space – Data capturing in online space – Types – Tracking Mechanism – Google Analytics structure – Conversion tracking – Digital Engagement funnel; Define – Key performance indicator(s) (KPIs) – Ad words & Display Networks. Overview – Applications of Sentiment analysis & Text Mining; Measuring campaign effectiveness – ROI (Return on Investment) & CLV (Customer life term value)	12	CLO3
	Total	60	
Course Outcomes			
Course	On completion of this course, students will;		Program Outcomes

Outcomes		
CO1	Discuss digital marketing and its framework	PO1, PO2, PO7, PO8
CO2	Identify, use appropriately and explain digital marketing tools	PO1, PO2, PO4, PO6, PO7, PO8
CO3	Explain social media marketing and crowdsourcing	PO1, PO2, PO4, PO6, PO7, PO8
CO4	Discuss online reputation management and its influence	PO1, PO2, PO6, PO7, PO8
CO5	Identify the various data analytics and measurement tools in digital marketing	PO1, PO2, PO6, PO7, PO8
Reading List		
1.	Journal of Digital & Social Media Marketing	
2.	International Journal of Internet Marketing and Advertising	
3.	Understanding Digital Marketing, Damian ryan, 4 th Edition 2017 publisher: Korgan page limited USA	
4.	Digital Marketing current trends , vandanahuja, 7 th edition 2015 Oxford University press , Chennai	
5.	Digital Marketing essentials you always wanted to know, 7 th edition 2012, Vibrant publishers USA	
References Books		
1.	Ian Dodson, The Art of Digital Marketing: The Definitive Guide to Creating Strategic, Targeted, and Measurable Online Campaigns, Wiley Publications, First Edition, 2016.	
2.	Nitin C Kamat & Chinmay Nitin Kamat, Digital Social Media Marketing, Himalaya Publishing House, 2018.	
3.	Philip Kotler, Marketing 4.0, Moving from Traditional to Digital, Wiley Publications, 2017.	
4.	Vandhana Ahuja, Digital Marketing, Oxford University Press, 2015.	
5.	Romi Sainy, Rajendra Nargundhkar, Digital Marketing Cases from India, Notion Press, Incorporated, 2018.	
References Books		

Web Resources		
1	https://www.soravjain.com/ebook/ebook.pdf	
2	https://testbook.com/digital-marketing/digital-marketing-course-syllabus-and-content-for-beginners	
3	https://www.optron.in/blog/digital-marketing/	
4	https://www.tutorialsduniya.com/notes/digital-marketing-notes	
5	https://digitalmarketinginstitute.com/resources/ebooks	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	
	Assignments	
	Seminar	
	Attendance and Class Participation	
		25 Marks
External Evaluation	End Semester Examination	
		75 Marks
Total		100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, short summary or overview	
Application (K3)	Suggest idea/concept with examples, suggest formulae, solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	M	M	S	S	S	S	S	M
CO2	M	M	S	M	S	M	S	M
CO3	M	M	S	M	S	M	S	M
CO4	M	M	S	S	S	M	S	M
CO5	M	M	S	S	S	M	S	M

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PO's	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI A	External	Total
U23DK1B	Industrial Relations	Specific Elective	Y	-	-	-	3	4	25	75	100
Learning Objectives											
CLO1	To educate about the Industrial legislation in India.										
CLO2	To provide knowledge about maintaining harmonious relations in India and to resolve disputes, handling grievances etc.,										
CLO3	To know about Labor Legislation										
CLO4	To provide knowledge about the Councils and Collective Bargaining										
CLO5	To educate about Trade Unions										
UNIT	Details							No. of Hours	Learning Objectives		
I	Industrial Relations: Origin, Definition, Scope, Role, Objectives, Factors, Participants & Importance of IR. Approaches to Industrial relations. System of IR in India.							12	CLO1		
II	Industrial Dispute: Causes and Consequences, Strikes – Lockouts, Lay Off, Retrenchment, Transfer & Closure -Settlement of Disputes – Machinery – Negotiation, Conciliation, Mediation, Arbitration and Adjudication. Grievance: Causes & Redressal Procedure, Standing Orders							12	CLO2		
III	Labor Legislation: Factories Act 1948, Employee state insurance act 1948, Employee Compensation act 1923 ,Payment of wages act,1936, Payment of Bonus act,1965, Employee Provident Fund and Miscellaneous Provisions Act 1952 , Payment of Gratuity act,1972							12	CLO3		
IV	Workers' participation in management: Structure, Scope, Works Committee, Joint Management Council & Shop Council. Pre-Requisites for Successful							12	CLO4		

	Participation. Collective Bargaining: Definition, Meaning, Types, Process & Importance.		
V	Trade Unions – Growth – Economic, Social and Political Conditions - Objectives-Structures, Types and Functions, Social	12	CLO5
	Total	60	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Understand the role and importance of Industrial Relations	PO1, PO2, PO6, PO8	
CO2	Understanding the concepts of industrial Disputes and settlement.	PO1, PO2, PO4, PO5, PO6	
CO3	Understanding the concepts of Labour legislation.	PO1, PO2, PO3, PO6, PO7	
CO4	Identifying the concepts of Workers Participation in Management	PO1, PO2, PO4, PO5, PO6	
CO5	Understanding the concepts of Trade Union	PO1, PO2, PO4, PO5	
Reference Books			
1.	Pradeep Kumar; Personnel Management and Industrial Relations, Kedarnath Ramnath and Company, 2018		
2.	<u>Gupta CB (Dr), Kapoor N.D., Tripathi PC</u> ; Industrial Relations and Labour Laws, Sultan Chand and Sons, 2020.		
3.	Chris Hall; Trade Union and its State, Princeton University, 2017		
4.	S C Shrivastava, Industrial Relations & Labour Laws, Vikas Publishing, 2022		
5.	R C Sharma; Industrial Relation and Labour Legislation, PHL learning Pvt Ltd, 2016		
Text Books			
1	Dr. CB Matoria, Satish Matoria, P Subba Rao, Dynamics of Industrial Relations, Himalaya Publishing house, 16 e, 2022		
2	Arun Monappa, Industrial Relations & Labour laws, Tata McGraw Hill, 2012		
3	C S Venkata Ratnam, Manoranjan Dhal, Industrial Relations, Oxford, 2 nd Edition		
4	A M Sharma, Industrial Relations and Labour Laws, HPH, Revised Edition		

5	P R N Sinha, Indu Bala Dinha, Seema Priyadarshini Shekhar, Industrial Relations , Trade Unions and Labour Legislation, Pearson , 3e	
Web Resources		
1.	https://labour.gov.in/industrial-relations	
2.	https://www.sccc.edu/e-resources?field_e_resources_tid=447	
3.	https://labourcommissioner.assam.gov.in/portlet-innerpage/what-is-a-trade-union	
4.	https://theintactone.com/2022/08/17/joint-management-councils/	
5.	https://labourlawreporter.com/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	S	S	M	M	M	M	M	M
CO2	S	S	M	M	S	M	M	S
CO3	M	M	S	M	M	S	S	M
CO4	S	S	S	M	S	M	M	S
CO5	S	M	M	M	S	S	M	S

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	2	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	2.8	3.0	3.0

Subject Code	Subject Name	C a t e g o r y	I	T	P	C	C r e d i t s	I n s t · H o u r s	Marks			
									C I A	E x t e r n a l	T o t a l	
U23DK1C	FINANCIAL SERVICES	Spe cific Elec tive	Y	-	-	-	3	4	2 5	75	100	
Learning Objectives												
CLO1	Understand the types of financial services and its environment											
CLO2	Recognize role and functions of merchant banker and capital market											
CLO3	Compare and contrast factoring, leasing, hire purchase and consumer Finance											
CLO4	Understand Consumer Finance, Venture capital and credit rating											
CLO5	Understand mutual funds and its functions											
UNIT	Details							No. of Hours	Learning Objectives			
I	Meaning and importance of financial services – Types of financial services – Financial services and economic and technological environment – Players in Financial Services Sector. Financial Environment; Financial System-RBI, Commercial Banks; Financial Institutions-National Stock Exchange; Non-Banking Financial Companies (NBFCs)							12	CLO1			
II	Merchant Banking – Functions – Issue management – Managing of new issues – Underwriting – Capital market – Stock Exchange – Role of SEBI							12	CLO2			
III	Leasing and Hire purchase – Concepts and features – Types of lease Accounts. Factoring – Functions of Factor							12	CLO3			
IV	Venture Capital – Credit Rating – Consumer Finance							12	CLO4			
V	Mutual Funds: Meaning – Types – Functions – Advantages. Introduction to digital payments- crypto currency.							12	CLO5			
								60				
Course Outcomes	On Completion of the course the students will							Program Outcomes				
CO1	List types of financial services and their role							PO1,PO2,PO6				
CO2	Recognize role and functions of merchant banker and capital market							PO1, PO2, PO3,				

		PO4, PO6
CO3	Compare and contrast factoring, leasing, hire purchase and consumer Finance	PO1, PO2, PO3 , PO6
CO4	Understand Consumer Finance, Venture capital and credit rating	PO2, PO6, PO8
CO5	Understand mutual funds and its functions	PO 2
Reading List		
1.	Management of Banking and financial services by Padmalatha suresh and Justin Paul	
2.	Financial Services By Thmmuluri Siddaiah	
3.	Financial Services By Kevin D Peterson	
4.	Financial markets and services By E.Gordon and K.Natarajan	
5.	Financial services and Markets By Dr Punithavathy pandian	
References Books		
1.	1. Financial Services –M.Y.Khan	
2.	2. Financial Services –B.Santhanam	
3.	3. Law of Insurance – Dr.M.N.Mishra	
4.	4. Indian Financial System – H.r.Machiraju	
5.	5. A Review of current Banking Theory and Practice – S.K.Basu.	
Web Resources		
1.	http://vskub.ac.in/wp-content/uploads/2020/04/FINANCIAL-SERVICES-6th-Sem.pdf	
2.	http://kamarajcollege.ac.in/Department/BBA/II%20Year/e003%20Core%2011%20-%20Financial%20Services%20-%20IV%20Sem.pdf	
3.	https://academyfinancial.org/journal	
4.	Financial Remedies Journal	
5.	https://sist.sathyabama.ac.in/sist_coursematerial/uploads/SBAA1403.pdf	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate	Longer essay/ Evaluation essay, Critique or justify with pros and cons	

(K5)	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	M	M	S	S	M	M
CO 2	M	M	M	M	M	S	M	S
CO 3	S	S	M	M	M	M	M	S
CO 4	S	S	M	M	S	M	M	M
CO 5	S	S	M	M	M	M	M	M

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	2
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	14
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	2.8

**BBA DSE2 PROJECT WORK (GROUP)-
COURSE CODE—U23DK2
4Hours, 3 Credits**

A group of 3 students will be assigned a project in the beginning of the final year. The project work shall be submitted to the college 20 days before the end of the final year and the college has to certify the same and submit to the university 15 days prior to the commencement of the University examination.

The project shall be evaluated externally. The external examiner shall be forming the panel of examiners suggested by the board of studies from to time.

Learning Objectives	
CLO1	To Give Idea about Research Project
CLO2	To identify the research problem
CLO3	To review Literature
CLO4	To give knowledge on Data Collection and Analysis
CLO5	To Learn Project Preparation

Course Outcome	On completion of this course, students will;	
CO1	Gain knowledge about Research Project	PO1
CO2	Increase knowledge on research problem	PO2
CO3	Improve practice in review of literature	PO3
CO4	Gain knowledge on Data Collection and Analysis	PO1,PO2
CO5	Be Proficient in Project Preparation	PO6,PO7,PO8

**PROJECT DESCRIPTION
GUIDELINES**

1. Project report is to bridge theory and practice.
2. The project work should be neatly presented in not less than 50 pages and not more than 120 pages
3. Paper Size should be A4
4. 1.5 spacing should be used for typing the general text. The general text shall be justified and typed in the Font style - Font: Times New Roman / Font Size: 12 for text)
5. Subheading shall be typed in the Font style (Font: Times New Roman / Font Size: 14 for headings). The report should be professional.
6. The candidate should submit periodical report of the project to the supervisor.
7. Two reviews will be conducted before the Viva Voce
8. Each candidate should submit hardcopy (3 copies) and a soft copy to the Department. After the Evaluation of the project report one hard copy will be returned to the candidate.

Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	20Marks
	Review I	
	Review II	
External Evaluation	Project Report – Viva Voce	80 Marks
	Total	100 Marks

Method of Assessment	
Review I	Problem Identification and Review of Literature
Review II	Rough Draft
Final	Project Report – Viva Voce

CO-PO Mapping

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	M	S	S	S
CO 2	S	S	M	M	M	S	S	S
CO 3	S	S	M	M	M	S	S	S
CO 4	S	S	M	M	M	S	S	S
CO 5	S	S	M	M	M	S	S	S

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to PO's	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CK13	Entrepreneurship Development	Core	Y	-	-	-	4	6	25	75	100
Course Objectives											
CLO1	To impart knowledge on the concept of Entrepreneur and Entrepreneurship.										
CLO2	To know the various ideas and implementation of business plan.										
CLO3	To throw light on importance of the Business analysis and evaluation.										
CLO4	To discuss the role of Government in developing entrepreneurship.										
CLO5	To understand the problems and remedies of Entrepreneurial failure.										
UNIT	Details							No. of Hours	Course Objectives		
I	Entrepreneur- Meaning & definition, Types of entrepreneurs, traits of Entrepreneurs, Role of Entrepreneurs in Economic Development. Entrepreneurship- Meaning & definition, Factors affecting entrepreneurship, Difference between entrepreneur and entrepreneurship. Recent development in entrepreneurship.							15	CLO1		
II	Generating innovative ideas of business- Brainstorming, focus group, survey, customer advisory boards. Creativity and selection of Products. Capital budgeting, Project profile preparation, matching entrepreneur with the project,. Introduction of Patent and Trademarks.							15	CLO2		
III	Business Plan Development- Feasibility study and evaluation of projects -Market analysis, technical analysis, cost-benefit analysis,. Project formulation, assessment of business models-Dealing with basic and initial problems of setting up of enterprises.							15	CLO3		
IV	Awareness of various government schemes for start-up business- Start-up India, Stand-up India, Aatmanirbhar Bharat mission, 'Make in India' Program, ASPIRE, MUDRA. Role of Women Entrepreneurs in Economic development.-Schemes for Women entrepreneurs- Annapurna scheme, Dena shakti scheme, Mudra loan for women, Stree Shakti scheme. Role of MSME, SSI, SIDO, EDI and MDI.							15	CLO4		
V	Problems and remedies of sick industries, Causes of Industrial sickness, Preventive and remedial measures of Sick industries. Preventive and rehabilitation of business. Case study discussions.							15	CLO5		
Total							75				
Course Outcomes											
Course	On completion of this course, students will;										

Outcomes		
CO1	To understand the concepts of Entrepreneurship development.	PO1,PO2
CO2	To apply knowledge in the business plans and implementation.	PO1, PO2,PO3
CO3	To analyze the various analyses of business in setting up of enterprises.	PO2,PO4, PO5,PO8
CO4	To create the awareness about various schemes and subsidies of government for entrepreneurial development.	PO3,PO4, PO5, PO6,PO7
CO5	To evaluate and assess the various problems and remedies of entrepreneurship	PO1,PO2,PO3, PO8
Reading List		
1.	Sangeeta Sharma, Entrepreneurship Development, PHI Learning Pvt. Ltd., 2016.	
2.	Kuratko/rao, Entrepreneurship: a south asian perspective.- Cengage, New Delhi.	
3.	Leach/Melicher, Entrepreneurial Finance – Cengage.	
4.	K.Sundar – Entrepreneurship Development – Vijay Nicole Imprints private Limited Reddy, Entrepreneurship: Text & Cases - Cengage, New Delhi, New Delhi.	
5.	Khanka S.S., Entrepreneurial Development, S.Chand & Co. Ltd., New Delhi, 2001.	
References Books		
1.	Barringer, B., Entrepreneurship: Successfully Launching New Ventures, 3rd Edition, Pearson, 2011.	
2.	The Lean Startup: How Today's Entrepreneurs Use Continuous Innovation to Create Radically Successful Businesses by Eric Ries	
3.	http://www.simplynotes.in/role-of-government-in-promoting-entrepreneurship/	
4.	Innovation and Entrepreneurship: Practice and Principles by Peter F Drucker	
5.	Desai, V., Small Scale Industries and Entrepreneurship, Himalaya Publishing House, 2011.	
6.	Nagendra and Manjunath, V.S., Entrepreneurship and Management, Pearson, 2010	
7.	Stokes, D., and Wilson, N., Small Business Management and entrepreneurship, 6th Edition, Cengage Learning, 2010	
Web Resources		
1.	https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_Entrepreneurial_Development_NOTES.pdf	
2.	https://www.hit.ac.in/download/LectureNote/MBA/2ndSem/MBA%202nd%20Sem%20Entrepreneurship%20Development.pdf	
3.	https://www.hhrc.ac.in/ePortal/Commerce/I%20M.Com.%20-%2018PCO1%20-%20Dr.%20R.%20Sathru%20Sangara%20Velsamy%20&%20Dr.%20P.%20Sailaja.pdf	
4.	http://sdeuoc.ac.in/sites/default/files/sde_videos/ENTREPRENEURSHIP%20DEVELOPMENT.pdf	
.Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	
	Assignments	
	Seminars	
		25 Marks

	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	S	M	S	S	S	M	M
CO 2	S	S	M	S	S	S	M	S
CO 3	S	S	M	S	S	S	S	S
CO 4	S	S	M	S	S	M	S	S
CO 5	M	S	M	S	M	S	M	M

S-Strong M-Medium L-Low

**CO-PO Mapping (Course Articulation Matrix)
Level of Correlation between PSO's and CO's**

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	2	3
CO 3	3	2	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	2
Weightage	15	14	15	14	14
Weighted percentage of Course Contribution to Pos	3.0	2.8	3.0	2.8	2.8

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23CK14	Services Marketing	Specific Elective	Y	-	-	-	4	6	25	75	100
Learning Objectives											
CLO1	To recall the basic concepts of Services Marketing.										
CLO2	To know the Marketing Mix in Service Marketing.										
CLO3	To examine effectiveness of Service Marketing.										
CLO4	To discuss on delivering Quality Service.										
CLO5	To analyze the Marketing of Services.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Marketing Services: Introduction growth of the service sector. The concept of service. Characteristics of service - classification of service designing of the service, blueprinting using technology, developing human resources, building service aspirations.							15	CLO1		
II	Marketing Mix in Service Marketing: The seven Ps: product decision, pricing strategies and tactics, promotion of service and distribution methods for services. Additional dimension in services marketing-people, physical evidence and process.							15	CLO2		
III	Effective Management of Service Marketing: Marketing demand and supply through capacity planning and segmentation - internal marketing of services - external versus internal Orientation of service strategy.							15	CLO3		
IV	Delivering Quality Service: Causes of service - quality gaps- SERVQUAL-SERVPEF. The customer expectations versus perceived service gap. Factors and techniques to resolve this gap. Customer relationship management. Gaps in services - quality standards, factors and solutions – the service performance gap - key factors and strategies for closing the gap. External							15	CLO4		

	communication to the customers- the promise versus delivery gap - developing appropriate and effective communication about service quality.		
V	Marketing of Service With Special Reference To:1. Financial services, 2. Health services, 3. Hospitality services including travel, hotels and tourism, 4. Professional service, 5. Public utility service, 6. Educational services and e-services.	15	CLO5
	Total	75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;		
CO1	To define and understand the concepts of Services Marketing.	PO1, PO4, PO6, PO8	
CO2	To Examine and apply Marketing Mix in Service Marketing.	PO2, PO3, PO4, PO6, PO7, PO8	
CO3	To analyze and design various strategies in the field of Services Marketing.	PO4, PO5, PO6	
CO4	To evaluate the role of delivering Quality Service.	PO2, PO7	
CO5	To design the tools of Marketing	PO1, PO3, PO5, PO8	
Reading List			
1.	Reddy P.N. (2011)– Services Marketing – Himalaya Publication		
2.	Christopher Lovelock ,Jochen Wirtz (2016)– Services Marketing – World Scientific Publisher		
3.	The Journal Of Services Marketing		
4.	Valarie A Zeithmal and Mary JO Bitner,Services Marketing:Integrating Customer Focus across the firm,Tata Mc Graw Hill NewDelhi		
5	C.Bhattacharjee,Services Marketing ,Excel Books,NewDelhi		
References Books			
1.	Dr. B. Balaji, Services Marketing and Management, S. Chand & Co, New Delhi.		
2.	S.M. Jha, Services marketing, Himalaya Publishers, India		
3.	Baron, Services Marketing, Second Edition. Palgrave Macmillan		
4.	Dr. L. Natarajan Services Marketing, Margham Publications, Chennai.		
5.	Thakur.G.S. Sandhu supreet & Dogra Babzan, Services marketing, kalyanni Publishers, Ludhianna.		
Web Resources			
1	https://www.managementstudyguide.com/seven-p-of-services-marketing.htm		
2	https://www.economicdiscussion.net/marketing-2/what-is-service-marketing/31875		
3	https://www.marketingtutor.net/service-marketing/		
4	https://www.marketing91.com/service-marketing/		
5	https://www.marketing91.com/service-marketing-mix/		
Methods of Evaluation			
Internal	Continuous Internal Assessment Test		25 Marks

Evaluation	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand / Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	M	S	S	M	S	M	S	M
CO2	S	M	S	M	S	M	M	M
CO3	S	S	S	M	M	M	S	S
CO4	S	M	S	S	S	S	M	S
CO5	M	S	M	S	M	S	S	M

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI A	External	Total
U23CK15	Production & Materials Management	Core	Y	-	-	-	4	6	25	75	100
Learning Objectives											
CLO1	To provide comprehensive outlook on basic concepts and practices of production.										
CLO2	To understand types of layout facilities										
CLO3	To analyse work study methods and quality control										
CLO4	To enable the students to gain knowledge on Inventory control and Vendor rating										
CLO5	To give an insight to Purchase management										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction – Meaning, scope and Functions of Production Management - Different types of Production Systems. Production design & Process planning: Plant location: Factors to be considered in Plant Location – Plant Location Trends.							15	CLO1		
II	Layout of manufacturing facilities: Principles of a Good Layout – Layout Factors – Basic Types of Layouts – Service Facilities.							15	CLO2		
III	Methods Analysis and Work Measurement: Methods Study Procedures – The Purpose of Time Study – Stop Watch Time Study – Performance Rating – Allowance Factors – Standard Time – Work Sampling Technique. Quality Control: Purposes of Inspection and Quality Control – Acceptance Sampling by							15	CLO3		

	Variables and Attributes – Control Charts.		
IV	. Integrated materials management- the concept-service function advantages- Inventory Control-Function of Inventory - Importance-Replenishment Stock-Material demand forecasting- MRP- Basis tools - ABC-VED- FSN Analysis - Inventory Control Of Spares And Slow Moving Items -EOQ-EBQ-Stores Planning – Stores Keeping and Materials Handling – objectives and Functions	15	CLO4
V	Purchase Management- Purchasing - Procedure - Dynamic Purchasing - Principles – import substitution-, Vendor rating and Management	15	CLO5
Total		75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Provide comprehensive outlook on basic concepts, and practices of production	PO1, PO2, PO6	
CO2	Identify right plant location and plant layout of factory	P01, PO2,PO6	
CO3	Know work study & method study, its procedure & quality control techniques in production.	PO1, PO2, PO3, PO6	
CO4	Outline inventory control concepts and its replenishment to manage inventory	PO1, PO6, PO7	
CO5	Discuss purchase management procedure and identify vendor rating mechanisms	PO1, PO2, PO6, PO8	
Reading List			
1.	K.Shridhara Bhat; Material Management; Himalaya Publishing House; Mumbai 2020		
2.	R.B Khanna, Production and Operations management , Prentice Hall Publications, 2015		
3	Biswajit Banerjee, Operations Management and Control, S Chand, Revised Edition, 2010		
4	Anil Kumar S and N Suresh, Operation Management, New Age International 1 st Edition, 2018		
5	William J. Stevenson , Operations Management, McGraw Hill; 13th Edition, 2022		
References Books			
1.	P.Saravanavel and S.Sumathi; Production and Materials Management, Margham Publications, 2015		
2.	M.M.Verma , Materials Management Sultan Chand Publishing , Edition 2004		
3.	P. Gopalakrishnan & Abid Haleem; Hand book of Materials Management, Second Edition, PHI Learning Pvt., Ltd., 2015.		
4.	P. Ramamurthy, Production and Operations Management, JBA publishers, 2nd edition 2013.		

5.	S.N.Chary, Production and Operations Management, JBA Publishers, Edition VI	
Web Resources		
1	https://mrcet.com/downloads/digital_notes/ME/III%20year/POM%20NOTES.pdf	
2	https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_OM_NOTES.pdf	
3	https://www.vssut.ac.in/lecture_notes/lecture1429900757.pdf	
4	https://ebooks.lpude.in/management/mba/term_4/DMGT525_MATERIALS_MANAGEMENT.pdf	
5	https://examupdates.in/materials-management-notes/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand / Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	M	S	M	S
CO 2	S	S	M	M	S	S	M	S
CO 3	S	S	M	M	M	S	M	S
CO 4	S	S	M	M	M	S	M	S
CO 5	S	S	M	M	M	S	M	S

S-Strong M-Medium L-Low
CO-PO Mapping (Course Articulation Matrix)
Level of Correlation between PSO's and CO's

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	2	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	14	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	2.8	3.0	3.0

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23DK3A	CONSUMER BEHAVIOR	Spec ific Elec tive	Y	-	-	-	3	5	25	75	100
Learning Objectives											
CLO1	Understand the different concepts relating to nature, scope and application of consumer behavior										
CLO2	Understand the various internal influences on consumer behavior										
CLO3	Comprehend the various psychological factors that shape the behavior and actions of the consumer in the global market.										
CLO4	Learn about the various external influences on consumer behavior										
CLO5	Understand the process of human decision making in a marketing context.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction to Consumer Behavior: Nature, scope & application; Importance of consumer behavior in marketing decisions; characteristics of consumer behavior; role of consumer research; consumer behavior interdisciplinary approach; Introduction to Industrial Buying Behavior; Market Segmentation, VALS 2 segmentation profile. E-Buying Behavior, The E-Buyer vis-à-vis the Brick-and							15	CLO1		

	mortal Buyer, Influences on E-Buying		
II	Internal Influences on Consumer Behavior: Consumer Needs & Motivation: Characteristics of motivation, arousal of motives; theories of needs & motivation-Maslow's hierarchy of needs, McClelland's APA theory. Types of involvement.	15	CLO2
III	Consumer Personality- theories of personality- Freudian theory, Jungian theory, Trait theory; Theory of self-images; Role of self-consciousness. Consumer Perception: Perceptual Process- selection, organization & interpretation. Learning & Consumer Involvement: learning theories- classical conditioning, instrumental conditioning, cognitive learning; involvement theory. Consumer Attitudes: Formation of attitudes; functions performed by attitudes; attitude towards advertisement model	15	CLO3
IV	External Influences on Consumer Behavior: Group Dynamics & consumer reference groups: Different types of reference groups; Family & Consumer Behavior: Consumer socialization process; consumer roles within a family; purchase influences and role played by children; family life cycle. Social Class & Consumer behavior: Determinants of social class; introduction to sub-cultural & cross-cultural influences. Opinion Leadership Process.	15	CLO4
V	Consumer Decision Making: Diffusion of Innovation: Definition of innovation -resistance to innovation; Consumer Decision making process: problem recognition; pre-purchase search influences; information evaluation; purchase decision; post-purchase evaluation	15	CLO5
	Total	75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Explain the concept of Consumer Behaviour & describe Consumer research process in detail.	PO4	
CO2	Interpret psychological and environmental influences that are relevant for understanding consumer behaviour.	PO2, PO3, PO4, PO6	
CO3	Analyze the consumer decision process.	P06, PO8, PO2	
CO4	Assess the impact of consumer's motivation, personality on the buying behaviour.	PO6,PO8	
CO5	Determine customer satisfaction and consequent post	PO3, PO1, PO2	

	purchase behavior	
Text Books		
1.	Consumer Behaviour – Satish K Batra, S H H Kazmi	
2.	Consumer Behaviour in Indian Context – K K Srivastava, Sujata Khandai	
3.	Consumer Behaviour- Suja Nair – Himalaya Publishers. Assael: Consumer Behaviour, 6e Thomson 2006	
4.	Henry Assael, Consumer Behaviour and Marketing Action (2001) Cengage Learning	
5.	Leon G Schiffman, Joseph Wesen Blit, S. Ramesh Kumar; Consumer Behavior, Pearson Publication, 11th Edition, 2015	
References Books		
1.	Schiffman L. G., Wisenblit J. and Kumar S.R. Consumer Behaviour. Pearson Education India.	
2.	Blackwell, R.D., Miniard, P.W., & Engel, J. F. Consumer Behaviour. Cengage India Private Limited	
3.	Sarkar A Problems of Consumer Behaviour in India, Discovery Publishing House New Delhi	
4.	Anita Ghatak, Consumer Behaviour in India, D K Agencies (P) Ltd New Delhi	
5.	David L. Louden and Albert J Della Bitta, Consumer Behavior, McGraw Hill, New Delhi 2002.	
Web Resources		
1.	https://www.economicdiscussion.net/consumer-behaviour/factors-influencing-consumer-behaviour-top-9-factors-with-examples/31457	
2.	https://issuu.com/thenappanganesen/docs/e-book_consumer_behaviour_11th_edition	
3.	https://www.youtube.com/watch?v=ssexfxwoeuc&list=PLGqT-zAqOhjO3NAgn9jcA18W5hPFeeuDr	
4.	https://www.ebookbou.edu.bd/Books/Text/SOB/MBA/mba_4321/Unit-01.pdf	
5.	https://www.iedunote.com/attitude-and-consumer-behavior	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		

Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions								
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview								
Application (K3)	Suggest idea/concept with examples, suggest formulae, Solve problems, Observe, Explain								
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge								
Evaluate									
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	
CO 1	M	M	M	S	M	M	M	M	
CO 2	M	Longer essay/ Evaluation	essay, Critique	Or justify	S	pros and cons	M	M	
CO 3	M	S	M	M	M	S	M	S	
CO 4	M	M	M	M	M	S	M	S	
CO 5	S	S	S	M	M	M	M	M	
(K5)									
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations								

Mapping with program outcomes

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

CO/POS	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15

Weighted Percentage of Course Contribution to PSO	3.0	3.0	3.0	3.0	3.0
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Level of Correlation between PSO's and CO's

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks			
									CI A	External	Total	
U23DK3B	Innovation Management	Core	Y	-	-	-	3	5	25	75	100	
Course Objectives												
CLO1	To have a broad understanding on the concept innovation management.											
CLO2	To familiarize the students about the creativity and innovation in product development.											
CLO3	To have a broad understanding of the innovation strategy and its competitive advantage.											
CLO4	To provide the knowledge about the technical innovation and its need and importance.											
CLO5	To understand the business strategy and objectives in current scenario.											
UNIT	Details							No. of Hours	Course Objectives			
I	Concept, Scope, Characteristics, Evolution of Innovation Management, Significance, Factors Influencing, process of innovation, types of innovation, challenges and barriers of Innovation.							15	CLO1			
II	Tools for Innovation Traditional V/S Creative Thinking, Individual Creativity Techniques: Meditation, Self-Awareness, & Creative Focus. Group Creative Techniques: Brain Storming, off The Wall Thinking & Thinking Hats Method.							15	CLO2			
III	Areas of Innovation Product Innovation: Concept, New product development, Packaging And Positioning Innovation Process Innovation: Concept, Requirement & Types: Benchmarking-TQM-Business Process Reengineering							15	CLO3			
IV	Create customer value, grow market share, entering into new markets, increasing profitability ratio, competitive marketing strategy.							15	CLO4			
V	Need and importance of technical innovation, continuous flow of small increments of productivity and efficiency, application of practical knowledge into a productive process.							15	CLO5			
	Total							75				
Course Outcomes												
Course Outcomes	On completion of this course, students will;											
CO1	To understand the concepts of Innovation management.							PO1,PO2				

CO2	To apply knowledge new business plans and strategy.	PO1, PO2,PO3
CO3	To demonstrate the value of customers in increasing the profitability ratio.	PO2,PO4, PO5,PO8
CO4	To impart knowledge about the need and importance of technical innovation	PO3,PO4, PO5, PO6,PO7
CO5	In short the goal of this study is to understand the current state of your business.	PO1,PO2,PO3, PO8
Reading List		
1.	Innovation and Entrepreneurship, Peter F. Drucker	
2.	The Innovator's Dilemma: The Revolutionary Book that Will Change the Way You Do Business, Clayton M. Christensen	
3.	"Creativity, Innovation, and Entrepreneurship Across Cultures: Theory and Practices (Innovation, Technology, and Knowledge Management)" by Igor N Dubina and Elias G Carayannis	
4.	"Innovator's Dilemma: When New Technologies Cause Great Firms to Fail (Management of Innovation and Change)" by Christensen	
5.	Creativity and Innovation in Entrepreneurship by S S Khanka Published Sultan Chand & Sons	
References Books		
1.	Innovation Management by C S G Krishnamacharyulu & Lalitha R, Himalaya Publishing House	
2.	James A Christiansen, "Competitive Innovation Management", published by Macmillan Business, 2000	
3.	Paul Trott, "Innovation Management & New Product Development", published by Pitman, 2000.	
4.	Kelley, Tom, Jonathn Littmant, and Tom Peters. The Art of Innovation: Lessons in Creativity from IDEO, America's Leading Design Firm. New York: Doubleday, 2001	
5.	Wagner, Tony. Creating Innovators: The Making of Young People Who Will Change the World. New York: Scribner, 2012.	
Web Resources		
1.	https://www.coursera.org/learn/innovation-management	
2.	https://sloanreview.mit.edu/tag/innovation-management/	
3.	https://www.worldscientific.com/worldscinet/ijim	
4.	https://innovationmanagementsystem.com/wp-content/uploads/2020/03/Introduction-to-IMS-2020.pdf	
5.	https://www.scribd.com/document/554019056/Innovation-Management-Notes-Study-Materials	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks

Methods of Assessment	
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions
Understand/Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, short summary or overview
Application (K3)	Suggest idea/concept with examples, suggest formulae, solve problems, Observe, Explain
Analyze (K4)	Problem-solving questions, finish a procedure in many steps, Differentiate between various ideas, Map knowledge
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	M	S	M	S
CO 2	S	S	M	M	S	S	M	S
CO 3	S	S	S	M	S	M	M	M
CO 4	S	S	M	M	S	S	M	S
CO 5	S	S	M	M	M	M	M	M

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23DK3C	Security Analysis and Portfolio Management	Specific Elective	Y	-	-	-	3	5	25	75	100
Learning Objectives											
CLO1	Understand the basic concepts and terminologies relating to stock market										
CLO2	Evaluate the value of different equity and debt instruments										
CLO3	Comprehend the different methods of performing fundamental and technical analysis										
CLO4	Evaluate portfolio based on different portfolio theories										
CLO5	Possess a basic knowledge of derivatives, its types and characteristics										
UNIT	Details							No. of Hours	Learning Objectives		
I	<p>Theory: Meaning, objectives, classification of investment. Investment versus speculation. Security markets-primary and secondary, market indices- calculation of SENSEX and NIFTY. Stock exchanges- BSE, NSE, OTCEI. SEBI –functions and structure. Financial intermediaries. Return and Risk – Meaning, types of risk.</p> <p>Problem: Measurement of risk and return</p>							15	CLO1		
II	<p>Equity and bond valuation</p> <p>Theory : Equity analysis & valuation, Types of debt instruments, bond immunization, bond volatility, bond convexity</p> <p>Problem: Equity valuation models -Walter model, Gordon’s model, the p/e ratio or earnings multiplier approach, measuring bond yields- yield to maturity, holding period return</p>							15	CLO2		
III	<p>Security analysis</p> <p>Theory: Fundamental Analysis: Economic analysis:</p>							15	CLO3		

	factors, Industry Analysis: Industry Life Cycle. Company Analysis: Tools of Financial Statement Analysis. Technical Analysis: Dow Theory, Elliot wave theory, Efficient Market Hypothesis; Concept and Forms of Market Efficiency. Charts, Patterns, Trend Lines, Support and Resistance Levels Problems : Relative Strength Analysis, Moving Averages, breadth of market		
IV	Portfolio management Theory: steps in portfolio management, Portfolio Models –Capital Asset Pricing Model, Arbitrage Pricing Theory Problems: Evaluation of Portfolios; Sharpe Model, Jensen’s Model, Treynor’s model	15	CLO4
V	Derivatives Theory: characteristics, types of derivatives, participants in derivative market. Characteristics of futures, forwards, swaps, options.	15	CLO5
	Total	75	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Recall the meaning of the basic terminologies used in stock market.	PO1	
CO2	Explain and infer the final worth of various investment processes	PO2, PO6, PO7	
CO3	Solve problems relating to various investment decisions	PO2, PO4, PO8	
CO4	Analyze theories and problems relating to stock market	PO8.PO6	
CO5	Interpret the various investment models that aid in investment decision making	PO6, PO2	
Text Books			
1.	<u>Punithavathy Pandian</u> (2012), Security Analysis & Portfolio Management, Vikas Publishing 2nd edition		
2	Prasanna Chandra, (2021) Investment Analysis & Portfolio Management, McGraw Hill 6 th edition		
3	E. Fischer Donald, J. Jordan Ronald, K. Pradhan Ashwini (2018) Security Analysis & Portfolio Management, Pearson 7 th edition		
4	S Kevin (2006) Portfolio Management, PHI publishing , 2nd Revised edition		
5	L.Natarajan, (2012), Investment Management, 1st Ed., MarghamPublicaitons, Chennai		

References Books		
1.	Reilly & Brown, Investment Analysis and Portfolio Management, Cengage, 10th edition, 2016.	
2.	Bodi, Kane, Markus, Mohanty, Investments, 8 th edition, Tata McGraw Hill, 2011.	
3.	V.A.Avadhan, Securities Analysis and Portfolio Management, Himalaya PublishingHouse, 2013.	
4.	V.K.Bhalla, Investment Management, S.Chand& Company Ltd., 2012	
5.	Jay M Desai, Nishag A Joshi, Investment Management, Dream Tech Press	
Web Resources		
1.	www.stock-trading-infocentre.com	
2.	www.sebi.gov.in	
3.	https://corporatfinanceinstitute.com/resources/knowledge/trading-investing/fundamental-analysis/	
4.	https://www.investopedia.com/terms/t/technicalanalysis.asp	
5.	https://groww.in/p/portfolio-management	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	M	M	M	M

CO 2	M	S	M	M	M	S	S	M
CO 3	M	S	M	S	M	M	M	S
CO 4	M	M	M	M	M	S	M	S
CO 5	M	S	M	M	M	S	M	M

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO/POS	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to PSO	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks	
									CIA	External
K4A	Fundamentals of Logistics Management	Specific Elective	Y	-	-	-	3	5	25	75

Learning Objectives

LO1	Understand the various basic concepts and terms relating to Logistics
LO2	Comprehend the importance of customer service and outsourcing relevant to logistics
LO3	Evaluate the importance and issues in global logistics
LO4	Possess an overall knowledge about the services and factors allied to logistics
LO5	Understand the technological impact of logistics

IT	Details	No. of Hours	Learning Objectives
	Introduction to Logistics: History of Logistics-Supply chain management and logistics- Need, principles, benefits, types of logistics - cost saving & Productivity improvement. Basic concepts of national logistics policy	15	CLO1
	Customer Service and outsourcing Definition of Customer Service- Elements of Customer Service Phases in Customer Service. Customer Retention. Procurement and Outsourcing Definition of Procurement/Outsourcing Benefits of Logistics Outsourcing. Critical Issues in Logistics Outsourcing	15	CLO2
	Global Logistics Global Supply Chain.Organizing for Global Logistics-Strategic Issues in Global Logistics - Forces driving Globalization Modes of Transportation in Global Logistics- Barriers to Global Logistics -Financial Issues in Logistics Performance Need for Integrated logistics- Role of 3PL&4PL. Brief overview of EXIM	15	CLO3
	Key logistics activities	15	CLO4

	Warehousing: Meaning, Types, Benefits. Transportation Meaning; Types of Transportations, efficient transportation system and its benefits. Courier/Express logistics Meaning, Categorization of consignments, Courier Guidelines, Pricing in Courier - Express service for international and domestic shipping.		
	Technology & Logistics : Informatics, using logistics system to support time-based competition- Bar coding, GPS, Point of sale data-Artificial Intelligence. Electronic data interchange-types-benefits	15	CLO5
	Total	75	

Course Outcomes

Course Outcomes	On completion of this course, students will;	Program Outcomes
CO1	Explain the basic concepts relating to logistics	PO4
CO2	Analyse the role of outsourcing and customer service in logistics	PO1, PO6, PO8
CO3	Appraise the needs, modes and issues relating to global logistics	PO1, PO2, PO4, PO6, PO8
CO4	Describe about the different activities allied to logistics	PO4, PO6
CO5	Identify the various areas of logistics where technology can be applied	PO7, PO6

Text books

	Vinod V. Sople (2009) Logistic Management (2nd Edn.) Pearson Limited
	Logistics Management for International Business: Text and Cases, Sudalaimuthu & Anthony Raj, PHI Learning Edition, 2009
	Logistics and Supply Chain Management, Martin Christopher, Pearson Education Limited 2012
	Satish C. Ailawadi, Rakesh P. Singh, Logistics & Supply Chain Management, HI Learning Private Limited, 2011
	Paul Myerson, Lean Supply Chain and Logistics Management, Mc Graw Hill, 2012

References Books

	Janat Shah, Supply Chain Management – Text and Cases, Pearson Education, 5 th edition, 2012.
	Sunil Chopra and Peter Meindl, Supply Chain Management-Strategy Planning and Operation, PHI Learning / Pearson Education, 5 th edition, 2012.
	Fundamentals of Logistics Management (The Irwin/McGraw-Hill Series in Marketing), Douglas Lambert, James R. Stock, Lisa M. Ellram, McGraw-Hill/Irwin, First Edition, 1998
	Fundamentals of Logistics Management, David Grant, Douglas M. Lambert, James R. Stock, Lisa M. Ellram, McGraw Hill Higher Education, 1997.

Logistics Management, Ismail Reji, Excel Book, First Edition, 2008.

Web Resources

<https://www.techtarget.com/searcherp/definition/logistics-management>

<https://logistikknowhow.com/en/sorter-packing-department/the-packaging-logistics/>

<https://www.track-pod.com/blog/functions-of-logistics/>

<https://www.projectmanager.com/blog/logistics-management-101>

<https://angelikafinntelm.files.wordpress.com/2017/05/fundamentals-of-logistics-management-by-david-grant-doug-ambert-james-r-stock-lisa-m-ellram.pdf>

Methods of Evaluation

Internal Evaluation	Continuous Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
Internal Evaluation	End Semester Examination	75 Marks
	Total	100 Marks

Methods of Assessment

(K1)	Simple definitions, MCQ, Recall steps, Concept definitions
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, knowledge
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	M	S	M	M	M	M
CO 2	S	M	M	M	M	S	M	S
CO 3	S	S	M	S	M	S	M	S
CO 4	M	M	M	S	M	S	M	M
CO 5	M	M	M	M	M	S	S	M

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO/POS	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to PSO	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI A	External	Total
U23DK4B	E-Business	Specific Elective	Y	-	-	-	3	5	25	75	100
Learning Objectives											
CLO1	To understand the basic concepts of electronic business.										
CLO2	To identify web-based tools.										
CLO3	To examine the security threats to e-business.										
CLO4	To discuss the strategies on marketing.										
CLO5	To analyze the business plan for e-business.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction to electronic business - meaning - value chains - the Internet and the web - infrastructure for e-business							15	CLO1		
II	Web based tools for e - business - e - business software - overview of packages							15	CLO2		
III	Security threats to e - business - implementing security for e - commerce and electronic payment systems.							15	CLO3		
IV	Strategies for marketing, sales and promotion - B2C and strategies for purchasing and support activities - B2B - web auction virtual - web portals							15	CLO4		
V	The environment of e-business - international - legal ethical - tax issues - business plan for implementing e-business							15	CLO5		
	Total							75			
Course Outcomes											

Course Outcomes	On completion of this course, students will;	
CO1	To define and understand the basic concepts of business done through web	PO2, PO6, PO7
CO2	To Examine and apply web tools in real-time business situations.	PO2, PO5, PO6, PO7
CO3	To analyze the security threats in e-business.	PO6, PO7, PO8
CO4	To evaluate strategies for marketing.	PO2, PO4, PO7
CO5	To prepare the environment for e-business.	PO1, PO2, PO4, PO7, PO8
Text Books		
1.	Garry P Schneider and James T Perry - Electronic Commerce, Course technology, Thomson Learning, 2000	
2.	Diwan, Prag and Sunil Sharma - E-Commerce - Managers guide to E-Business	
3.	Kosivr, David - Understanding E-Commerce	
4.	Turban, Efraim, David King et. el.: Electronic Commerce: A Managerial Perspective, Pearson Education Asia, Delhi.	
5.	C S Rayudu, E Commerce E Business, HPH	
References Books		
1.	Dave Chaffey: E-Business and E-Commerce Management, Pearson Education.	
2.	Kalakota, Ravi: Frontiers of Electronic Commerce, Addison - Wesley, Delhi.	
3.	Smantha Shurety,: E-Business with Net Commerce, Addison - Wesley, Singapore.	
4.	David Whitely, E Commerce Strategy, Technology and Applications, TMH	
5.	J. Christopher Westle and Theodore H K Clarke, Global Electronic Commerce – Theory and Case Studies, University Press	
Web Resources		
1	https://www.tutorialspoint.com/e_commerce/e_commerce_tutorial.pdf	
2	https://www.techtarget.com/searchcio/definition/e-business	
3	https://www.britannica.com/technology/e-commerce	
4	https://www.geeksforgeeks.org/different-types-of-threat-to-e-commerce/	
5	https://irp-cdn.multiscreensite.com/1c74f035/files/uploaded/introduction-to-e-commerce.pdf	
Methods of Evaluation		
Internal	Continuous Internal Assessment Test	25 Marks

Evaluation	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	M	M	S	S	S	S
CO 2	M	S	S	M	S	S	S	M
CO 3	M	S	S	M	M	S	S	S
CO 4	M	M	S	S	M	M	S	M
CO 5	M	M	S	M	S	M	S	M

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO/POS	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15

Weighted Percentage of Course Contribution to PSO	3.0	3.0	3.0	3.0	3.0
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Subject Code	Subject Name	Category	I	T	P	C	Credits	Inst. Hours	Marks		
									CI	A	Total
U23DK4C	Strategic Management	Core	Y	-	-	-	3	5	25	75	100
Learning Objectives											
CLO1	To understand the concept of strategy and strategic management process.										
CLO2	To create awareness of evolving business environment.										
CLO3	To understand strategic alternatives and make appropriate strategic choice										
CLO4	To know the basics of strategic implementation										
CLO5	To understand recent trends for competitive advantage										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction to Strategic Management -Overview of Strategic Management Process Levels of Strategy Strategic Intent-Vision and Mission Business Definition							12	CLO1		
II	External Environment Appraisal using PESTEL Competitor Analysis using Porter's 5-Forces model Environmental Threat and Opportunity Profile (ETOP) Value chain Analysis Strategic Advantage Profile(SAP) Scanning Functional Resources and Capabilities for building Organization Capability Profile (OCP) SWOT Analysis							16	CLO2		
III	Strategic alternatives at corporate level: concept of grand strategies -Strategic choice models - BCG, GE Nine Cell Matrix , Hofer's matrix-Strategic alternatives at business level: Michael Porter's Generic competitive strategies							16	CLO3		
IV	Strategic Implementation: Developing short-term objectives and policies, functional tactics, and rewards							16	CLO4		

	Structural Implementation: an overview of Structural Considerations Behavioral Implementation: an overview of Leadership and Corporate Culture Mc Kinsey 7-S Framework Establishing Strategic Control		
V	Concept of Balanced Scorecard approach. Use of Big data for Balanced score card Importance of Corporate Social Responsibility & Business Ethics Concept of Corporate Sustainability	15	CLO5
		75	
Course Outcomes	On Completion of the course the students will	Program Outcomes	
CO1	To develop an understanding of the strategic management process and the complexities of business environment.	PO1, PO2, PO5, PO6	
CO2	To analyze the external environmental and internal organizational factors influencing strategy formulation.	PO1, PO2, PO6, PO7	
CO3	To demonstrate the skills required for selection of the most suitable strategies for a business organization.	PO1, PO2, PO4, PO5, PO6	
CO4	To generate workable solutions to the issues and challenges related to successful implementation of the chosen strategies.	PO1, PO2, PO4 PO5, PO8	
CO5	To familiarize with current developments	PO1, PO3, PO4, PO8	
Reading List			
1.	Wheelan and Hunger, Concepts in Strategic Management and Business Policy, Pearson. – 14 th Edition (2017)		
2.	Azhar Kazmi, Strategic Management and Business Policy, McGraw Hill – Third Edition(2012)		
3.	Jauch, Glueck & Gupta, Business Policy and Strategic Management, (Frank Brothers), (7 th Edition)		
4.	Pearce, Robinson and Mittal, Strategic Management, Formulation, Implementation & Control, (McGraw Hill), (12 th Edition)		
5.	Hitt, Ireland, Hoskisson & Manikutty (2009), Strategic Management – A South Asian Perspective, Cengage Learning- Ninth Edition(2012)		
References Books			
1.	Thomson & Strickland,(2008), Crafting and Executing Strategy, McGraw Hill.- Sixteenth Edition (2011)		
2.	N. Chandrasekaran, Ananthanarayanan(2011), Strategic Management, Oxford University Press – First Edition – Second Impression (2012)		

3.	Ireland, Hoskisson & Manikutty (2009), Strategic Management – A South Asian Perspective, Cengage Learning- Ninth Edition(2012)	
4.	Dr.LM.Prasad, Strategic Management, Sultan Chand & Sons	
5.	Kenneth Carrig,Scott A Snell.Strategic Execution:Driving Breakthrough performance in business, Stanford University Press(2019)	
Web Resources		
1	Strategic management journal https://onlinelibrary.wiley.com/journal/10970266	
2	https://str.aom.org/teaching/all-levels	
3	https://online.hbs.edu/courses/business-strategy/	
4	https://study.sagepub.com/parnell4e	
5	https://www.strategicmanagement.net/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminars	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	M	M	M	M	S	M	S
CO 2	S	S	S	M	S	S	M	S

CO 3	M	S	M	M	S	M	M	M
CO 4	S	S	M	M	S	S	M	S
CO 5	M	M	S	M	M	M	M	M

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks			
									CIA	External	Total	
U23SEK1	Basics of Event Management	NME	2	-	-	-	2	2	25	75	100	
Learning Objectives												
CLO1	To know the basic of event management its concepts											
CLO2	To make an event design											
CLO3	To make feasibility analysis for event.											
CLO4	To understand the 5 Ps of Event Marketing											
CLO5	To know the financial aspects of event management and its promotion											
UNIT	Details							No. of Hours	Learning Objectives			
I	Introduction: Event Management – Definition, Need, Importance, Activities.							6	CLO1			
II	Concept and Design of Events: Event Co-ordination, Developing &, Evaluating event concept – Event Design							6	CLO2			
III	Event Feasibility: Resources – Feasibility, SWOT Analysis							6	CLO3			
IV	Event Planning & Promotion – Marketing & Promotion – 5Ps of Event Marketing – Product, Price, Place, Promotion, Public Relations							6	CLO4			
V	Event Budget – Financial Analysis – Event Cost – Event Sponsorship							6	CLO5			
	Total							30				
Course Outcomes												
Course Outcomes	On completion of this course, students will;							Program Outcomes				
CO1	To understand basics of event management							PO1, PO6				
CO2	To design events							PO5, PO6				
CO3	To study feasibility of organising an event							PO2, PO6				

CO4	To gain Familiarity with marketing & promotion of event	PO6
CO5	To develop event budget	PO6, PO8
Reading List		
1.	Event Management: A Booming Industry and an Eventful Career by Devesh Kishore, Ganga Sagar Singh - Har-Anand Publications Pvt. Ltd.	
2.	Event Management by Swarup K. Goyal - Adhyayan Publisher - 2009	
3.	Event Management & Public Relations by Savita Mohan - Enkay Publishing House	
4	Event Planning - The ultimate guide - Public Relations by S.J. Sebellin Ross	
5	Event Management By Lynn Van Der Wagen & Brenda R Carlos, Pearson Publishers	
References Books		
1.	Event Management By Chaudhary, Krishna, Bio-Green Publishers	
2.	Successful Event Management By Anton Shone & Bryn Parry	
3.	Event management, an integrated & practical approach By Razaq Raj, Paul Walters & Tahir Rashid	
4.	Event Planning Ethics and Etiquette: A Principled Approach to the Business of Special Event Management by Judy Allen , Wiley Publishers	
5.	Event Planning: Management & Marketing For Successful Events: Management & Marketing for Successful Events: Become an Event Planning Pro & Create a Successful Event Series by Alex Genadinik CreateSpace Independent Publishing Platform, 2015	
Web Resources		
1.	https://ebooks.lpude.in/management/bba/term_5/DMGT304_EVENT_MANAGEMENT.pdf	
2	https://www.inderscience.com/jhome.php?jcode=ijhem International Journal of Hospitality & Event Management	
3	https://www.emeraldgrouppublishing.com/journal/ijefm International Journal of Event and Festival Management	
4	https://www.eventbrite.com/blog/?s=roundup	
5	https://www.eventindustrynews.com/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External	End Semester Examination	75 Marks

Evaluation		
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	S	S	S	M	S	S	S
CO 2	M	S	S	S	M	S	S	S
CO 3	S	M	S	S	S	S	S	M
CO 4	S	M	S	S	S	S	S	S
CO 5	M	S	S	S	M	S	S	S

S-Strong M-Medium L-Low

CO-PO Mapping (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23FK1	FOUNDATION COURSE-MANAGERIAL COMMUNICATION	Foundation	2	-	-	-	2	2	25	75	100
Course Objectives											
CLO1	To educate students role & importance of communication skills										
CLO2	To build their listening, reading, writing & speaking communication skills.										
CLO3	To introduce the modern communication for managers.										
CLO4	To understand the skills required for facing interview										
CLO5	To facilitate the students to understand the concept of Communication.										
UNIT	Details							No. of Hours	Course Objectives		
I	Definition – Methods – Types – Principles of effective Communication – Barriers to Communication – Communication etiquette.							6	CLO1		
II	Business Letter – Layout- Kinds of Business Letters: application, offer, acceptance/ acknowledgement and promotion letters. Business Development Letters – Enquiry, replies, Order, Sales, circulars, Grievances.							6	CLO2		
III	Interviews- Direct, telephonic & Virtual interviews- Group discussion – Presentation skills – body language							6	CLO3		
IV	Communication through Reports – Agenda- Minutes of Meeting - Resume Writing							6	CLO4		
V	Modern Forms of Communication: podcasts, Email, virtual meetings – Websites and their use in Business – social media- Professional Networking sites							6	CLO5		
Total							30				
Course Outcomes											

Course Outcomes	On completion of this course, students will;	Program Outcomes
CO1	Understand communication process and its barriers.	PO1,PO2,PO3,PO4, PO8
CO2	Develop business letters in different scenarios	PO1,PO2,PO3,PO4, PO5,PO6
CO3	Develop oral communication skills & conducting interviews	PO2,PO3,PO4,PO5, PO6,PO7
CO4	Use managerial writing for business communication	PO1,PO2,PO4,PO5, PO6,PO8
CO5	Identify usage of modern communication tools & its significance for managers	PO3,PO4,PO5,PO6, PO7,PO8
Reading List		
1.	Krishan Mohan & Meena Banerji, Developing Communication Skills, Macmillan India Ltd, 2008	
2.	Mallika Nawal –Business Communication – CENGAGE	
3.	Bovee, Thill, Schatzman, Business Communication Today - Peason Education Private Ltd - New Delhi.	
4.	Michael Brown, Making Presentation Happen, Allen & Unwin, Australia, 2008	
5.	Sundar K.A, Business communication Vijay Nicole imprints Pvt. Ltd., Chennai.	
References Books		
1.	Rajendra Paul & J S Kovalahalli, Essentials of Business Communication, Sultan Chand & Sons, New Delhi, 2017	
2.	Dr. C B Gupta, Basic Business Communication, Sultan Chand & Sons, New Delhi, 2017	
3.	R C Sharma & Krishan Mohan, Business Correspondance and Report Writing, Mc Graw Hill, India Pvt Ltd., New Delhi, 2006	
4.	Kevin Galaagher, Skills Development for Business and Management Students, Oxford University Press, Delhi, 2010	
5.	R C Bhatia, Business Communication, Ane Books Pvt Ltd., Delhi, 2015	
Web Resources		
1.	https://www.managementstudyguide.com/business_communication.html	
2.	https://studiousguy.com/business-communication/	
3.	https://www.oercommons.org/curated-collections/469	
4.	https://www.scu.edu/mobi/business-courses/starting-a-business/session-8-communication-tools/	
5.	https://open.umn.edu/opentextbooks/textbooks/8	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	

	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	S	M	S	S	S
CO 2	S	S	S	S	S	S	M	M
CO 3	M	S	S	S	S	S	S	M
CO 4	S	S	M	S	S	S	M	S
CO 5	M	M	S	S	S	S	S	S

S-Strong M-Medium L-Low

CO-PO Mapping with program specific outcomes (Course Articulation Matrix)

Level of Correlation between PSO's and CO's

CO / PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	3	3
CO5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23SEK2	MANAGERIAL SKILL DEVELOPMENT	NME	2	-	-	-	2	2	25	75	100
Learning Objectives											
CLO1	To improve the self-confidence, groom the personality and build emotional competence										
CLO2	To address self-awareness and the assessment of core management skills such as communication, working with teams and creating a positive environment for change.										
CLO3	To assess the Emotional intelligence										
CLO4	To induce critical-thinking and analytical skills to investigate complex problems to propose viable solutions										
CLO5	To improve professional etiquettes										
UNIT	Details							No. of Hours	Learning Objectives		
I	Self: Core Competency, Understanding of Self, Components of Self— Self-identity, Self-concept, Self-confidence and Self-image. Skill Analysis and finding the right fit. Self-learning styles, attitude towards change and applications of skills							6	CLO1		
II	Self Esteem: Meaning & Importance, Components of self-esteem, High and low self-esteem, measuring our							6	CLO2		

	self-esteem and its effectiveness, Personality mapping tests, Appreciative Intelligence.		
III	Building Emotional Competence: Emotional Intelligence — Meaning, Components, Importance and Relevance, Positive and Negative Emotions., Healthy and Unhealthy expression of Emotions, The six-phase model of Creative Thinking: ICEDIP model.	6	CLO3
IV	Thinking skills: The Mind/Brain/Behavior, thinking skills, Critical Thinking and Learning, Making Predictions and Reasoning, Memory and Critical Thinking, Emotions and Critical Thinking. Creativity: Definition and meaning of creativity, The nature of creative thinking, Convergent and Divergent thinking, Idea generation and evaluation (Brain Storming), Image generation and evaluation.	6	CLO4
V	Communication related to course: How to make oral presentations, conducting meetings, reporting of projects, reporting of case analysis, answering in Viva Voce, Assignment writing Debates, presentations, role plays and group discussions on current topics. Audio and Video Recording of the above exercises to improve the non-verbal communication and professional etiquettes.	6	CLO5
Total		30	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Identify the personal qualities that are needed to sustain in the world of work.	PO1, PO2, PO6, PO7	
CO2	Explore more advanced Management Skills such as conflict resolution, empowerment, working with teams and creating a positive environment for change.	PO1, PO2, PO5	
CO3	Acquire practical management skills that are of immediate use in management or leadership positions.	PO6, PO7	
CO4	Employ critical-thinking and analytical skills to investigate complex business problems to propose viable solutions.	PO1, PO2	
CO5	Make persuasive presentations that reveal strong written and oral communication skills needed in the workplace.	PO4	
Reading List			
1.	Managerial Skill Articles		

2.	The Management Skills of SALL Managers - SiSAL Journal	
3.	Managerial Skills by Dr.K.Alex S.CHAND	
4.	Managerial Skills 2 by Cynthia Menezes Prabhu, Pen to Print Publishing LLP	
5.	Gallagher (2010), Skills Development for Business & Management Students, Oxford University Press. PROF. SANJIV	
References Books		
1.	Joshi, G. (2015), Campus to Corporate-Your Roadmap to Employability, Sage Publication	
2.	McGrath E. H. (9 Ed. 2011), Basic Managerial Skills, Prentice Hall India Learning Private Limited.	
3.	Whetten D. (e Ed. 2011), Developing Management Skills, Prentice Hall India Learning Private Limited.	
4.	P. Varshney , A. Dutta, Managerial Skill Development, Alfa Publications, 2012	
5.	EQ- soft skills for Corporate Carrer by Dr. Sumeet Suseelan	
Web Resources		
1.	https://www.ipjugaad.com/syllabus/ggsip-university-bba-4th-semester-managerial-skill-development-syllabus/63	
2.	https://www.academia.edu/4358901/managerial_skill_development_pdf	
3	https://www.academia.edu/4358901/managerial_skill_development_pdf	
4	https://rccmindore.com/wp-content/uploads/2015/06/Managerial-SkillsAll-Units-A-C.pdf	
5	https://www.aisectuniversityjharkhand.ac.in/PDFDoc/StudyNotes/MBA/SEM%201/MBA-1-MSD(Managerial%20skill%20development).pdf	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, suggest formulae, Solve problems, Observe, Explain	

Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge							
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons							
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	S	S	S	M	M	S
CO 2	M	M	S	S	S	S	S	M
CO 3	S	S	S	S	S	S	S	
CO 4	S	S	S	S	S	S	M	S
CO 5	M	M	S	S	S	M	S	S
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations							

Mapping with program outcomes

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
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CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t · H o u r s	Marks		
									C I A	E x t e r n a l	T o t a l
U23SEK3	Business Etiquette and Corporate Grooming	SEC	2	-	-	-	2	2	25	75	100
Learning Objectives											
CLO1	To impart knowledge about basic etiquettes in professional conduct										
CLO2	To provide understanding about the workplace courtesy and ethical issues involved										
CLO3	To suggest on guidelines in managing rude and impatient clients										
CLO4	To familiarize students about significance of cultural sensitivity and the relative business attire										
CLO5	To stress on the importance of attire										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction to Business Etiquette: Introduction-ABCs of etiquette- meeting andgreetingscenarios-principlesofexceptionalwork behavior-roleofgoodmannersinbusiness-professionalconduct andpersonal spacing.							6	CLO1		
II	Workplace Courtesy and Business Ethics: Workplace Courtesy- Practicing common courtesyand manners in a workplace-Etiquette at formal gatherings- Professional qualities expectedfrom an employer’s perspective - Hierarchy and Protocol. Ethical issues - preventing sexualharassment-conflictresolutionstrategies-Choos ingappropriategiftinthebusinessenvironment-real lifeworkplacescenarios –companypolicyforbusinessetiquette							6	CLO2		
III	TelephoneEtiquette,emaiiletiquetteandDisabilityEtiquette Mastering the telephone courtesy, handling rude or impatient clients -internet usage in theworkplace, email etiquette, online chat etiquette guidelines -Basic disability Etiquette practices							6	CLO3		
IV	DiversityandCulturalAwarenessatWorkplace							6	CLO4		

	Impactofdiversity-CulturalSensitivity-TaboosandPractices-I nter-CulturalCommunication		
V	BusinessAttireandProfessionalism Businessstyleandprofessionalimage-dresscode-guidelinesfo rappropriatebusinessattire-groomingfor success.	6	CLO5
	Total	30	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Describebasicconceptsofbusinessetiquetteandcorporate grooming.	PO5, PO6,	
CO2	Outlinetheetiquetteandgroomingstandardsfollowedinbu sinessenvironmentand the significance of communication	PO4, PO2, PO5, PO6	
CO3	Create culturalawarenessandmoralpracticesinreal life workplace scenarios	PO8, PO6	
CO4	Analyzeworkplacecourtesyandresolveethicalissueswith respecttoetiquetteand grooming for success	PO1, PO3, PO8, PO6	
CO5	Apply the professionalism in the workplace considering diversity and courtesy	PO3, PO8, PO6	
Reading List			
1.	Journal of Computer Mediated Communication By ICA		
2.	Business and Professional Communication by Sage Journals		
3.	Business Etiquette Made Easy: The Essential Guide to Professional Success by Myka Meier, Skyhorse		
4.	Emily Post's The Etiquette Advantage in Business: Personal Skills for Professional Success by Peggy Post and Peter Post, William Morrow		
5.	Shital Mehra, "BusinessEtiquette:AguidefortheIndianProfessional",HarperCollinsPublishe r(2012) Kakkar		
References Books			
1.	Indian Business Etiquette, Raghu Palat, JAICO Publishers		
2.	NinaKochhar, "AtEasewithEtiquette",B.jain Publisher,2011		
3.	NimeranSahukar,PremP.Bhalla, "TheBookofEtiquetteandmanners",Pustak Mahipublishers,2004		
4.	SarveshGulati(2012),CorporateGroomingand Etiquette,RupaPublications IndiaPvt. Ltd.		
5.	The Essentials of Business Etiquette: How to Greet, Eat, and Tweet Your Way to Success by Barbara Pachter , Mc Graw Hill Education		

Web Resources		
1.	http://osou.ac.in/eresources/DIM-08-BLOCK-3.pdf	
2.	https://www.columbustech.edu/skins/userfiles/files/Training%20Manual%20-%20Business%20Etiquette%20(1).pdf	
3	https://www.sbu.edu/docs/default-source/life-at-sbu-documents/professional-wardrobe-nbsp-.pdf	
4	https://www.tutorialspoint.com/business_etiquette/grooming_etiquettes.htm	
5	https://wikieducator.org/Business_etiquette_and_grooming	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	S	S	S	M	M	S
CO 2	M	M	S	S	S	M	M	S
CO 3	M	M	S	S	S	M	M	S
CO 4	M	M	S	S	S	S	M	S
CO 5	M	M	M	S	S	S	M	S

Mapping with program outcomes

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO		PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1		3	3	3	3	3
CO 2		3	3	3	3	3
CO 3		3	3	3	3	3
CO 4		3	3	3	3	3
CO 5		-	3	3	3	3
Weightage		12	15	15	15	15
Weighted Percentage of Course Contribution to Pos		2.4	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CIA	External	Total
U23SEK4	New Venture Development	SEC	1	-	-	-	1	1	25	75	100
Learning Objectives											
CLO1	To learn to generate and evaluate new business ideas										
CLO2	To learn about a business model that generates money										
CLO3	To understand how to find, evaluate and buy a business										
CLO4	To evaluate the feasibility of idea into a Venture										
CLO5	To understand sources who lend for new ventures										
UNIT	Details							No. of Hours	Learning Objectives		
I	Concept of Entrepreneurship – Evolution - importance – Importance of entrepreneurship, developing creativity and understanding innovation, stimulating creativity; Organisational actions that enhance creativity, Managerial responsibilities, Creative Teams; Sources of Innovation in Business; Managing Organizations for Innovation and Positive Creativity.							3	CLO1		
II	Developing Successful Business Ideas: Recognizing Opportunities and Generating Ideas - Entry strategies: New Product – Franchising - Buying an existing firm.							3	CLO2		
III	Feasibility Analysis: Marketing, Technical and Financial Feasibility analysis - Industry and Competitor Analysis-assessing a New Venture’s Financial Strength and Viability							3	CLO3		
IV	Moving from an Idea to a New Venture: Preparing the Proper Ethical and Legal Foundation-Building a New-Venture Team – Leadership - Corporate Entrepreneurship, Social Entrepreneurship.							3	CLO4		
V	Financing the New Venture: Financing entrepreneurial ventures - Managing growth; Valuation of a new company - - Arrangement of funds - Traditional sources of financing - Alternate Source of Funding - Start-ups, MSMEs, any new venture - rules							3	CLO5		

	and regulations governing support by these institutions.		
	Total	15	
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Understand the concept of entrepreneurship and skill sets of an entrepreneur.	PO2,PO6	
CO2	Assess new venture opportunities & analyze strategic choices in relation to new ventures	PO2, PO6	
CO3	Develop a credible business plan for real life situations.	PO1, PO2, PO5, PO6	
CO4	Coordinate a team to develop and launch and manage the new venture through the effective leadership	PO4, PO5	
CO5	Evaluate different sources for financing new venture	PO2, PO6	
Reading List			
1.	Journal of Business Venturing – Elsevier		
2.	Technology, Innovation, Entrepreneurship and Competitive Strategy, Emerald		
3.	Entrepreneurship: New Venture Creation (2016) David H. Holt, Pearson Education India,		
4.	Entrepreneurship and New Venture Creation; Arun Sahay, V. Sharma; Excel Book (2008)		
5.	Entrepreneurship ,11 th Edition , By Robert D. Hisrich, Michael P.Peters, Dean A. Shepherd , Sabyasachi Sinha , Mc Graw Hill		
References Books			
1.	New Venture Creation, Kathleen R. Allen, Cengage Publication (2013)		
2.	Essentials of Entrepreneurship and Small Business Management. Scarborough, N. M., Cornwall, J. R., & Zimmerer, T. (2016). Boston: Pearson.		
3.	Project Appraisal and Management, Agrawal, Rashmi and Mehra, Yogieta S. (2017). New Delhi. Taxmann Publications.		
4.	The Manual for Indian Start -ups Tools to Start and Scale – up Your New Venture by Vijaya Kumar Ivaturi and Meena Ganesh , Penguin Enterprise		
5.	Entrepreneurship Development , Indian Cases on Change Agents by K. Ramachandran, Mc Graw Hill Publication		
Web Resources			
1.	https://www.studocu.com/en-gb/document/university-of-aberdeen/new-venture-development/new-venture-development-lecture-notes/15212217		
2.	https://core.ac.uk/download/pdf/98660713.pdf		
3.	https://ugcmoocs.inflibnet.ac.in/download/course/curriculum/nptel/noc18-mg36.pdf		
4.	https://www.tutorialspoint.com/entrepreneurship_development/starting_a_business.htm		
5.	https://www.entrepreneur.com/starting-a-business/10-ventures-young-entrepreneurs-can-start-for-cheap-or-free/300786		
Methods of Evaluation			
Internal	Continuous Internal Assessment Test		25 Marks

Evaluation	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	S	M	S	S	S	M	M
CO 2	S	S	M	S	S	S	M	S
CO 3	S	S	M	S	S	S	S	S
CO 4	S	S	M	S	S	M	S	S
CO 5	M	S	M	S	M	S	M	M

Mapping with program outcome

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0

Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI	A	Total
U23SEK5	Computer Application in Business	SEC	1	-	1	-	2	2	25	75	100
Learning Objectives											
CLO1	To build skills in Ms-Word										
CLO2	To build skills in Ms-Excel,										
CLO3	To build skills in Ms- Power Point										
CLO4	To understand the basics of tally										
CLO5	To familiarize students with google forms for students with relevance in business scenario and its applications.										
UNIT	Details							No. of Hours	Learning Objectives		
I	Introduction, Menus, Shortcuts, Document types, working with Documents-Opening, Saving, Closing, Editing Document, Using Toolbars, Rulers, Help, Formatting Documents-Setting font, paragraph, Page Style-Setting foot notes, page break, Line break, creating sections and frames, Inserting clip arts, pictures, Setting document styles, Creating Tables-Settings, borders, alignments, Merging, splitting, sorting rows and columns, Drawing-Inserting, drawing, formatting, grouping, ordering, rotating pictures, Tools-Word completion, Spell check, Macros, Mail merge, Tracking Changes, Security, Printing Documents .							6	CLO1		
II	Introduction, Spread sheet application, Menus, Tool bars and icons, Spreadsheet-Opening, saving, closing, printing file, setting margins, Converting file to different formats, spread sheet addressing, Entering And Editing Data- Copy, cut, paste, undo, redo, find, search, replace, filling continuous rows and columns, inserting data cells, columns, rows and sheet, Computation Data-Setting formula, finding total in rows and columns, Functions Types- Mathematical, Group, string, date and							6	CLO2		

	time, Formatting Spread Sheet- Alignment, font, border, hiding, locking, cells, Highlighting values, background color, bordering and shading, Working With Sheet-Sorting, filtering, validation, consolidation, subtotals, Charts-Selecting, formatting, labeling, scaling, Tools- Error checking, spell check, formula auditing, tracking changes, customization		
III	Introduction, opening new presentation, Presentation templates, presentation layout, Creating Presentation-Setting presentation style, adding text, Formatting-Adding style, color, gradient fills, arranging objects, adding header and footer, slide background, slide layout, Slide Show, Adding Graphics-Inserting pictures, movies, tables, Adding Effects-Setting animation and transition effects, audio and video, Printing handouts.	6	CLO3
IV	Introduction to Tally - Features of tally, creation of company, Accounts only and accounts with, Get way of Tally, Accounts confiscation, Groups and Ledgers, Voucher entry with Bill wise details Interest computation, order processing. Reports - Profit and Loss A/C, Balance Sheet	6	CLO4
V	Use Google forms to develop & share questionnaire.	6	CLO5
	Total	30	

Course Outcomes

Course Outcomes	On completion of this course, students will;	Program Outcomes
CO1	Demonstrate hands on experience with Ms-word for business activities	PO1, PO2, PO6, PO7
CO2	Demonstrate hands on experience with Ms-Excel for business activities	PO1, PO2, PO6, PO7
CO3	Demonstrate hands on experience with Ms-power point for business activities	PO1, PO2, PO6, PO7
CO4	Demonstrate hands on experience with Tally for business activities	PO1, PO2, PO6, PO7
CO5	Demonstrate hands on experience with Tally for reporting in business	PO1, PO2, PO6, PO7

Reading List

1.	International Journal of Computer Applications in Technology
2.	International Journal of Computer Applications – IJCA
3.	P.Rizwan Ahmed; Computer Application in Business, Margham Publications, 2019.
4.	Computer Application in Business (Tamil Nadu) by Dr. R.Paramaeswaran
5.	Taxmann’s Basics of Computer Applications in Business by Hem Chand Jain and H.N. Tiwari, Taxmann Publications Private Limited .

References Books

1.	P.Rizwan Ahmed; Computer Application in Business and Management, Margham Publications, 2019.	
2.	Google Form Made Simple The Perfect Guide to Creating and Modifying Google Forms from Beginners to Expert by Mary Brockman	
3.	Bittu Kumar; Mastering Ms-Office, V&S Publishers, 2017.	
4.	Lisa A. Bucki, John Walkenbach, Faithe Wempen, & Michael Alexander; Microsoft Office 2013 BIBLE, Wiley, 2013.	
5.	S.S. Shrivatsava; Ms-Office, First Edition, Laxmi Publications, 2015.	
Web Resources		
1.	https://www.microsoft.com/en-us/microsoft-365/blog/	
2	https://www.ipjugaad.com/syllabus/ggsip-university-bba-1st-semester-computer-applications-syllabus/18	
3	https://byjus.com/govt-exams/microsoft-word/	
4	https://edu.gcfglobal.org/en/google-forms/	
5	https://www.tutorialkart.com/tally/tally-tutorial/	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	
Create (K6)	Check knowledge in specific or offbeat situations, Discussion, Debating or Presentations	

Mapping with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	M	M	M	M	M	S	M	M
CO 2	S	M	M	M	M	S	S	M
CO 3	M	M	M	S	M	S	M	M
CO 4	S	S	M	M	M	S	S	M
CO 5	S	S	M	S	M	S	S	M

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	-	3	3
CO 2	3	3	-	3	3
CO 3	3	3	-	3	3
CO 4	3	3	-	3	3
CO 5	3	3	-	3	3
Weightage	15	15	-	15	15
Weighted Percentage of Course Contribution to Pos	3.0	3.0	-	3.0	3.0

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t r u c t o r s H o u r s	Marks			
									C I A	E x t e r n a l	T o t a l	
U23SEK6	Tally	SEC	1	-	1	-	2	2	25	75	100	
Learning Objectives												
CLO1	To impart knowledge about basic use of Tally and its functions											
CLO2	To understand the creation of groups and Ledgers											
CLO3	To provide understanding about Data Management in Tally											
CLO4	To understand the process of GST, EPF etc.											
CLO5	To familiarize students about significance of Tally in implications in the Organizations											
UNIT	Details							No. of Hours	Learning Objectives			
I	Basic of Accounting & Fundamentals of Tally. ERP 9: Accounting Principles or Concepts, Rules for Accounting, Creation/ Setting up of Company in Tally ERP 9 and Configuration.							6	CLO1			
II	Accounting Master in Tally. ERP 9: Groups & Ledgers Creation Inventory Master in Tally. ERP 9: Creation of Stock Groups and Categories and Units of Measure.							6	CLO2			
III	Vouchers Entries & Advance Accounting in Tally. ERP 9: Types of Vouchers, Invoicing, Bill Wise Details, Cost Centers and Bank Reconciliation and Scenarios Management.							6	CLO3			
IV	Advance Inventory & Taxes in Tally. ERP 9: Order processing, Batch Wise Details, POS, TDS, TDS Returns Filing, TCS, GST Returns, EPF, ESIC & Professional Tax.							6	CLO4			
V	Technological Advantages, Payroll, Report Generations, Short Keys in Tally. ERP 9							6	CLO5			
	Total							30				
Course Outcomes												
Course	On completion of this course, students will;							Program Outcomes				

Outcomes		
CO1	To understand about the basic accounting and Tally. ERP 9	PO1
CO2	Identify the maintained of Ledger and inventory system	PO1, PO2, PO7
CO3	Creation of various vouchers and bill wise details	PO1, PO4, PO7
CO4	Understand various taxes returns and filing	PO2, PO6, PO7
CO5	Relate and infer various reports generated in Tally. ERP 9	PO2, PO7
Reading List		
1.	Journal of Emerging Technologies and Innovative Research	
2.	Global Journal for Research Analysis	
3.	Tally.ERP 9 with GST in Simple Steps by DT Editorial Services, Dreamtech Press	
4.	Vikas Gupta, Comdex Tally, ERP 9 Course Kit with GST and MS Excel, Wiley India, 2017	
5.	Official Guide To Financial Accounting Using Tally.Erp 9 With Gst by Tally Education, BPB Publications	
References Books		
1.	Shraddha Singh & Navneet Mehra, Tally. ERP 9, V & S Publishers, 2015	
2.	Official Guide to Financial Accounting using Tally. ERP 9, Fourth Revised & Updated Edition, BPB Publications	
3.	Vinod Kumar, Tally. ERP 9 Made Easy, Accounting Education	
4.	Bimlendu Shekhar, Tally Practical Work Book -1, 2 nd Edition	
5.	Asian's Quintessential Course Tally.ERP 9 with GST by Vishnu Priya Singh edition 2020	
Web Resources		
1.	https://tallysolutions.com/learning-hub/	
2.	https://www.tutorialkart.com/tally/tally-tutorial/	
3.	https://sscstudy.com/tally-erp-9-book-pdf-free-download/	
4.	https://tallysolutions.com/tally/how-to-use-gst-in-tally-erp-9/	
5.	https://www.javatpoint.com/tally	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Seminar	
	Attendance and Class Participation	
External	End Semester Examination	75 Marks

Evaluation																																																								
	Total	100 Marks																																																						
Methods of Assessment																																																								
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions																																																							
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview																																																							
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain																																																							
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge																																																							
Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons																																																							
Create (K6)	Check																																																							
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		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8																																															
	CO 1	S	M	M	M	M	S	S	M																																															
	CO 2	S	M	M	M	M	S	S	S																																															
	CO 3	S	M	M	M	M	S	S	S																																															
CO 4	M	M	M	M	M	M	S	M																																																
CO 5	M	S	M	M	S	M	S	M																																																
	knowledge in specific or offbeat situations, Discussion, Debating or Presentations																																																							

Mapping with program outcome

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	-	3	3
CO 2	3	3	-	3	3
CO 3	3	3	-	3	3
CO 4	3	3	-	3	3
CO 5	3	3	-	3	3
Weightage	15	15	-	15	15
Weighted Percentage of	3.0	3.0	-	3.0	3.0

Course Contribution to Pos					
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Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks		
									CI A	External	Total
U23SEK7	Intellectual Property Rights	SEC	2	-	-	-	2	2	25	75	100
Learning Objectives											
CLO1	To learn aspects of Intellectual Property Rights to students who are going to play a major role in development and management of innovative projects in industries.										
CLO2	To disseminate knowledge on patents, patent regime in India and abroad and registration aspects										
CLO3	To evaluate the copyright law										
CLO4	To disseminate knowledge on copyrights and its related rights and registration aspects										
CLO5	To understand about Geographical Indicators										
UNIT	Details							No. of Hours	Learning Objectives		
I	IPR Introduction: and the need for intellectual property right – IPR in India – Different Classifications – Important Principles of IP Management – Commercialization of Intellectual Property Rights By Licensing – Intellectual Property Rights in the Cyber World.							6	CLO1		
II	Introduction – Classification – Importance – Types of Patent Applications in India – Patentable Invention – Inventions Not Patentable.							6	CLO2		
III	Introduction – Fundamentals – Concept – Purpose – Functions – Characteristics – Guidelines - For Registration of Trade Mark – Kinds of TM – Protection – Non-Registrable Trademarks - Industrial Designs – Need for Protection of Industrial Designs.							6	CLO3		
IV	Introduction to Copyright – Conceptual Basis – Copy Right and Related Rights – Author & Ownership of Copyright - Rights Conferred By Copy Right- Registration – Transfer – Infringement – Copyright pertaining to Software/Internet and other Digital media.							6	CLO4		
V	GEOGRAPHICAL INDICATIONS: Concept, Protection & Significance							6	CLO5		
								30			

	Total		
Course Outcomes			
Course Outcomes	On completion of this course, students will;	Program Outcomes	
CO1	Imbibe the knowledge of IPR through various laws	PO1, PO6	
CO2	Apply the knowledge of patents	PO5, PO6	
CO3	Understand the process of acquiring a trademark	PO2, PO6	
CO4	Create an awareness about copyrights	PO6, PO8	
CO5	Understand geographical indicators	PO6, PO8	
Reading List			
1.	Journal of Intellectual Property Rights		
2.	IntellectualPropertyRightsTextandCases: DR.R.Radhakrishnan, DR.S. Balasubramanian		
3.	IntellectualPropertyPatents,TradeMarks, And Copy Rights–RichardStim		
4.	Intellectual Property Rights by Asha Vijay Durafe and Dhanashree K.Toradmalle, Wiley		
5,	Fundamentals of Intellectual Property Rights For Students, Industrialist and Patent Lawyers by Ramakrishna and Anil Kumar HS		
References Books			
1.	Landmark Judgements on Intellectual Property rights by Kush Kalra. Central Law Publishing		
2.	Intellectual Property Rights in India by V.k.Ahuja, Lexis Nexis		
3.	Introduction To Intellectual Property Rights Softbound By Singh, Phundan, Daya Publishing House		
4.	Introduction To Intellectual Property Rights by Chawkam H.S, Oxford &Ibh		
5.	Intellectual Property - Patents, Copyright, Trade Marks and Allied Rights by W Cornish and D Llewelyn and T Pain		
Web Resources			
1.	https://nptel.ac.in/courses/110/105/110105139/		
2.	https://www.wipo.int/edocs/pubdocs/en/wipo_pub_450_2020.pdf		
3.	https://ipindia.gov.in/		
4.	https://www.tutorialspoint.com/explain-the-intellectual-property-rights		
5.	https://www.icsi.edu/media/webmodules/FINAL_IPR&LP_BOOK_10022020.pdf		
Methods of Evaluation			
Internal Evaluation	Continuous Internal Assessment Test		25 Marks
	Assignments		
	Seminar		
	Attendance and Class Participation		

External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
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	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
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CO 2	M	S	M	M	S	M	S	M
CO 3	M	S	S	S	M	S	S	M
CO 4	M	M	M	M	M	M	M	M
CO 5	M	M	M	M	S	M	S	M

Mapping with program outcome

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	3	3	3	3	3
CO 3	3	3	3	3	3
CO 4	3	3	3	3	3
CO 5	3	3	3	3	3
Weightage	15	15	15	15	15

Weighted Percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0	3.0
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Subject Code	Subject Name	Category	L	T	P	O	Credits	Inst. Hours	Marks			
									CI	External	Total	
U23PCK1	Quantitative Aptitude I	PCE	1	-	-	-	1	1	25	75	100	
Learning Objectives												
CLO1	To categorize, apply and use thought process to distinguish between concepts of Quantitative methods.											
CLO2	To prepare and explain the fundamentals related to various possibilities and probabilities related to time											
CLO3	To be able to solve questions relating to percentages, Profit and loss											
CLO4	To analyze data in Charts											
CLO5	To understand the application Geometry and mensuration											
UNIT	Details							No. of Hours	Learning Objectives			
I	Numerical computation: Applications based on Numbers, Chain Rule, Ratio Proportion							6	CLO1			
II	Numerical estimation-I Applications Based on Time and work, Time and Distance							6	CLO2			
III	Numerical estimation-II Applications based on percentages, Profit Loss and Discount, Simple interest and Compound Interest Partnerships, Shares and dividends							6	CLO3			
IV	Data interpretation Data interpretation related to Averages, Mixtures and Allegations, Bar charts, Pie charts, Venn diagrams							6	CLO4			
V	Application to industry in Geometry and Mensuration							6	CLO5			
	Total							30				
Course Outcomes												
Course Outcomes	On completion of this course, students will;							Program Outcomes				
CO1	Use their logical thinking and analytical abilities to solve reasoning questions							PO1, PO6				
CO2	Solve questions related to time and distance and time and work							PO1 PO6				

CO3	Apply concept of percentages, Profit and loss, discount	PO1 PO6
CO4	Interpret data using bar charts and diagrams	PO1 PO6
CO5	Solve questions relating to Geometry and Mensuration	PO1 PO6
Reading List		
1.	Quantitative aptitude by R S Agarwal, S Chand Publication	
2.	Fast Track Objective Arithmetic by Rajesh Verma , Arihant	
3.	Quantitative Aptitude and Reasoning by R V Praveen, PHI	
4.	Essential Quantitative Aptitude for Competitive Exams - 2nd Edition by Rajat Vijay Jain , Disha Publications	
5.	Quantitative Aptitude & Data Interpretation Topic-wise Solved Papers for IBPS/ SBI Bank PO/ Clerk Prelim & Main Exam (2010-19) 3rd Edition by Disha Experts, Disha Publications	
References Books		
1.	Barron's by Sharon Welner Green and Ira K Wolf (Galgotia Publications Pvt. Ltd.)	
2.	Quantitative aptitude by Umohanrao Scitech Publications	
3.	Quantitative Aptitude by Arun Sharma McGraw – Hill Publications	
4.	Quantitative Aptitude by Abhijit Guha	
5.	Quantitative Aptitude by Pearson Publications	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	S	S	M	M
CO 2	S	M	M	M	M	S	M	M
CO 3	S	S	M	M	M	S	M	M
CO 4	S	S	M	M	S	S	M	M
CO 5	S	M	M	M	M	S	M	M

Mapping with program outcome

S-Strong M-Medium L-Low

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**

CO/PO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	-	3	3	-
CO 2	3	-	3	3	-
CO 3	3	-	3	3	-
CO 4	3	-	3	3	-
CO 5	3	-	3	3	-
Weightage	15	-	15	15	-
Weighted Percentage of Course Contribution to Pos	3.0	-	3	3.0	-

Subject Code	Subject Name	C a t e g o r y	L	T	P	O	C r e d i t s	I n s t · H o u r s	Marks			
									C I A	E x t e r n a l	T o t a l	
U23PCK1	Quantitative Aptitude II	PCE	1	-	-	-	1	1	25	75	100	
Learning Objectives												
CLO1	To categorize, apply and use thought process to distinguish between concepts of reasoning											
CLO2	To prepare and explain the fundamentals related to various possibilities and probabilities related to quantitative aptitude.											
CLO3	To explain and interpret data sufficiency											
CLO4	To analyze the applications of Base system											
CLO5	To critically evaluate numerous possibilities related to puzzles.											
UNIT	Details							No. of Hours	Learning Objectives			
I	Numerical Reasoning: Problems related to Number series, Analogy of numbers, Classification of numbers, Letter series, Seating arrangements, Directions, blood relations and puzzle test.							6	CLO1			
II	Combinatorics: Counting techniques, Permutations, Combinations and Probability							6	CLO2			
III	Syllogisms and data sufficiency							6	CLO3			
IV	Application of Base system: Clocks (Base 24), Calendars (Base 7), Cutting of Cubes and cuboids							6	CLO4			
V	Puzzle Solving & Time Management using various problems solving tools and techniques							6	CLO5			
	Total							30				
Course Outcomes												
Course Outcomes	On completion of this course, students will;							Program Outcomes				
CO1	Use their logical thinking and analytical abilities to solve reasoning questions							PO1				

CO2	Solve questions related to combinations	PO1
CO3	Solve questions based on syllogisms	PO1
CO4	Solve questions based on clocks, calendars	PO1
CO5	Solve puzzles	PO1
Reading List		
1.	Quantitative aptitude by R S Agarwal, S Chand Publication.	
2.	Puzzle stop puzzle you by Shakunataledeviorient paperback publication	
3.	Reasoning For Competitive Examinations 2019 Edition by Nishit K Sinha, PEARSON INDIA	
4.	A Modern Approach To Logical Reasoning (2 Colour Edition) by R S Agarwal, S Chand Publications	
5.	General Reasoning Ability for Competitive Exams - SSC/Banking/Defence/Railway/Insurance by Disha Experts, Disha Publications	
References Books		
1.	Barron's by Sharon Welner Green and Ira K Wolf (Galgotia Publications Pvt. Ltd.)	
2.	Quantitative aptitude by Umohanrao S Citech Publications	
3.	Quantitative Aptitude by Arun Sharma McGraw – Hill Publications	
4.	Quantitative Aptitude by Abhijit Guha	
5.	Quantitative Aptitude by Pearson Publications	
Web Resources		
1.	www.m4maths.com	
2.	www.Indiabix.com	
3.	https://www.123test.com/numerical-reasoning-test/	
4.	https://www.bankexamstoday.com/p/data-interpretation-questions-sets.html	
5.	https://playquiz2win.com/reasoning.html	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test	25 Marks
	Assignments	
	Attendance and Class Participation	
External Evaluation	End Semester Examination	75 Marks
	Total	100 Marks
Methods of Assessment		
Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
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	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	S	S	M	M	S	S	M	M
CO 2	S	M	M	M	M	S	M	M
CO 3	S	S	M	M	M	S	M	M
CO 4	S	S	M	M	S	S	M	M
CO 5	S	M	M	M	M	S	M	M

Mapping with program outcome

S-Strong M-Medium L-Low

CO/PO	PSO 1	PSO 2	PSO3	PSO 4	PSO 5
CO 1	3	-	3	3	-
CO 2	3	-	3	3	-
CO 3	3	-	3	3	-
CO 4	3	-	3	3	-
CO 5	3	-	3	3	-
Weightage	15	-	15	15	-
Weighted Percentage of Course Contribution to POs	3.0	-	3.0	3.0	-

**CO-PO Mapping with Programme Specific Outcomes (Course Articulation Matrix):
Level of Correlation between PSO's and CO's**