

**CHOICE BASED CREDIT SYSTEM - LEARNING  
OUTCOMES-BASED CURRICULUM FRAMEWORK**

**BA Economics**

**(Those who have joined in the Academic year 2023-24)**

<b>Programme:</b>	<b>B.A. Economics</b>
<b>Programme Code:</b>	
<b>Duration:</b>	<b>3 Years(UG)</b>
<b>Programme Outcomes:</b>	<p><b>PO1: Knowledge of Economics:</b> Ability to understand Economic Theories and functioning of Economic Models. To develop an adequate competency in the Economic Theory and Methods.</p> <p><b>PO2: Analytical Reasoning and Critical Thinking:</b> Critically Analyze and assess the way in which economists examine the real world to understand the current events and evaluate specific proposals.</p> <p><b>PO3: Logical Reasoning and Quantitative Ability:</b> Ability to understand how to collect and analyse data and use empirical evidence to evaluate the validity of hypothesis, using Quantitative Methodology and conduct data analysis to interpret results.</p> <p><b>PO4: Communication and Research Skills:</b> Communication and Research related skills. Developing a sense of capability for relevant/appropriate inquiry and asking questions, synthesising and articulating and reporting results and to efficiently communicate thoughts and ideas in a clear and concise manner.</p> <p><b>PO5: Gender, Environment and Sustainability:</b> Comprehend the Environmental issues and Sustainable Development and strive to achieving economic and social equity for women and be Gender Sensitive.</p> <p><b>PO6: Employability and Leadership Skills:</b> Become empowered individuals to be employed in various positions in industry, academia and research and have the potential to become Entrepreneurs and take leadership roles in their chosen occupations and communities.</p> <p><b>PO7: Social Interaction:</b> Acquire the ability to engage in relevant conversations and have the ability to understand the views of society that would help initiate policy making.</p> <p><b>PO8: Digital Literacy and Lifelong Learning:</b> Capability to use ICT tools in a variety of learning situation and use appropriate software for analysis of data - Ability to acquire Knowledge situations and skills for life through self directed learning and adapt to different learning environments.</p>

<b>Programme Specific Outcomes:</b>	<p><b>PSO1:</b> To enable students to apply basic microeconomic, macroeconomic and monetary concepts and theories in real life and decision making.</p> <p><b>PSO 2:</b> To sensitize students to various economic issues related to Development, Growth, International Economics, Sustainable Development and Environment.</p> <p><b>PSO 3:</b> To familiarize students to the concepts and theories related to Finance, Investments and Modern Marketing.</p> <p><b>PSO 4:</b> Evaluate various social and economic problems in the society and develop answer to the problems as global citizens.</p> <p><b>PSO 5:</b> Enhance skills of analytical and critical thinking to analyze effectiveness of economic policies.</p>
-------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<b>PO 1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>
<b>PSO 1</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO 2</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO3</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO 4</b>	Y	Y	Y	Y	Y	Y	Y	Y
<b>PSO 5</b>	Y	Y	Y	Y	Y	Y	Y	Y

**3 – Strong, 2- Medium, 1- Low**

**Credit Distribution for UG Programme in Economics**

Sem I	Credit	Sem II	Credit	Sem III	Credit	Sem IV	Credit	Sem V	Credit	Sem VI	Credit
1.1. Language	3	2.1. Language	3	3.1. Language	3	4.1. Language	3	5.1 Core Course – \CC IX	4	6.1 Core Course – CC XIII	4
1.2 English	3	2.2 English	3	3.2 English	3	4.2 English	3	5.2 Core Course – CC X	4	6.2 Core Course – CC XIV	4
1.3 Core Course – CC I	4	2.3 Core Course – CC III	4	3.3 Core Course – CC V	4	4.3 Core Course – CC VII Core Industry Module	4	5.3. Core Course CC -XI	4	6.3 Core Course – CC XV	4
1.4 Core Course – CC II	4	2.4 Core Course – CC IV	4	3.4 Core Course – CC VI	4	4.4 Core Course – CC VIII	4	5.3. Core Course –/ Project with viva-voce CC -XII	4	6.4 Elective -VII Generic/ Discipline Specific	3
1.5 Elective I Generic/ Discipline Specific	3	2.5 Elective II Generic/ Discipline Specific	3	3.5 Elective III Generic/ Discipline Specific	3	4.5 Elective IV Generic/ Discipline Specific	3	5.4 Elective V Generic/ Discipline Specific	3	6.5 Elective VIII Generic/ Discipline Specific	3
1.6 Skill Enhancement Course SEC-1 (NME)	2	2.6 Skill Enhancement Course SEC-2 (NME)	2	3.6 Skill Enhancement Course SEC-4, (Entrepreneurial Skill)	1	4.6 Skill Enhancement Course SEC-6	2	5.5 Elective VI Generic/ Discipline Specific	3	6.6 Extension Activity	1
		2.7 Skill Enhancement Course –SEC-3(NME)	2	3.7 Skill Enhancement Course SEC-5	2	4.7 Skill Enhancement Course SEC-7	2	5.6 Value Education	2	6.7 Professional Competency Skill	2
1.7 Ability Enhancement Compulsory Course (AECC) Soft Skill-1	2	2.8 Ability Enhancement Compulsory Course (AECC) Soft Skill-2	2	3.7 Ability Enhancement Compulsory Course (AECC) Soft Skill-3	2	4.7 Ability Enhancement Compulsory Course (AECC) Soft Skill-4	2	5.5 Summer Internship /Industrial Training	2		
1.8 Skill Enhancement - (Foundation Course)	2			3.8 E.V.S	-	4.8 E.V.S	2				
	<b>23</b>		<b>23</b>		<b>22</b>		<b>25</b>		<b>26</b>		<b>21</b>
<b>Total CreditPoints</b>											<b>140</b>

**CHOICE BASED CREDIT SYSTEM - LEARNING OUTCOMES-BASED  
CURRICULUM FRAMEWORK**

**BA Economics**

**Semester I**

Part	Courses	Subject	Code	Cr.	Hrs
I	Lang. - I	nghJj;jkpo; - I	230103101	3	6
II	Lang. - II	General English	231003101	3	4
III	CC - 1	Micro Economics - I	231503101	4	5
	CC - 2	Statistics for Economics - I	231503102	4	5
	EC - I [Any One]	1. Fundamentals of Management	231503103	3	4
	2. Introduction of Sociology	231503104			
IV	SEC -I (NME)	Demography	234603115	2	2
IV	FC	Business Communication	234403115	2	2
	AECC 1	Soft Skill - 1	236003101	2	2
	Total			<b>23</b>	<b>30</b>
<b>SEMESTER II</b>					
I	Lang. -I	nghJj;jkpo; - II	230103201	3	6
II	Lang. -II	General English	231003201	3	4
III	CC - 3	Micro Economics - II	231503201	4	5
	CC - 4	Statistics for Economics - II	231503202	4	5
	EC - II [Any One]	History of Economic Thought	231503203	3	4
	Introduction to E-Commerce	231503204			
IV	SEC -II (NME)	Economics for Investors	234603215	2	2
	SEC - III	Computer Applications in Economics	234403215	2	2
	AECC -II	Soft Skill - 2	236003201	2	2
				<b>23</b>	<b>30</b>
<b>SEMESTER III</b>					
I	Lang. -I	nghJj;jkpo; - III	230103301	3	6
II	Lang. -II	General English	231003301	3	4
III	CC - 5	Macro Economics - I	231503301	4	5
	CC - 6	Mathematics for Economics	231503302	4	5
	EC -3	1. Principles of Marketing	231503303	3	4
	2. Economics of Tourism	231503304			
IV	SEC -IV	Entrepreneurial Economics	234403315	1	1
	SEC - V	Event Management	238203315	2	2
	AECC - III	Soft Skill - 3		2	2
	EVS	Environmental Studies	234103301	1	1
				<b>23</b>	<b>30</b>

Part	Courses		Code	Cr.	Hrs
<b>SEMESTER IV</b>					
I	Lang. – I	nghJj;jkpo; - IV;	230103101	3	6
II	Lang. - II	General English	231003101	3	4
III	CC – 7	Macro Economics – II	231503401	4	5
	CC - 8	Indian Economy	231503402	4	4
	EC – IV	1. Research Methods in Economics	231503403	3	4
2. Health Economics		231503404			
IV	SEC –VI	Basic Accountancy	234403415	2	2
IV	SEC –VII	Modern Banking and Insurance	238203415	2	2
	AECC - IV	Soft Skill - 4		2	2
	EVS	Environmental Studies	234103401	1	1
	Total			<b>24</b>	<b>30</b>
<b>SEMESTER V</b>					
III	CC – 9	Monetary Economics	231503501	4	5
	CC - 10	Fiscal Economics	231503502	4	5
	CC - 11	Industrial Economics	231503503	4	5
	Core 12	Project with Viva Voce	231503504	4	4
	EC – V	1. Tamil Nadu Economy	231503505	3	5
		2. Managerial Economics	231503506		
EC – VI	Operations Research	231503507	3	5	
	Gender Economics	231503508			
IV		Value Education	234303501	1	1
		Internship/Industrial Training(carried out in II year summer vacation)30 hrs	231503509	2	
				<b>25</b>	<b>30</b>
<b>SEMESTER VI</b>					
III	CC – 13	International Economics	231503601	4	5
	CC – 14	Development Economics	231503602	4	5
	CC – 15	Agricultural Economics	231503603	4	5
	EC –7	1. Basic Econometrics	231503604	3	5
		2. Behavioural Economics	231503605		
EC - 8	1. Financial Markets and Institutions	231503606	3	5	
	2. Urban Economics	231503607			
IV	Proessional competency skill enhancement course	General Studies for Competitive Examinations	234403615	2	4
		Value Education	234303601	1	1
V		Extension Activity (outside college hrs)	231503608	1	
				<b>22</b>	<b>30</b>

Title of the Course		MICRO ECONOMICS-I						
Category	Core - 1	Year	I	Credits	4	Course Code	231503101	
		Semester	I					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
				5	-	--	5	25
Learning Objectives								
LO1	To Equip the economic behaviours of individual units of the society.							
LO2	To describes the consumer behaviour and utility analysis							
LO3	To impart knowledge on demand and supply concepts							
LO4	To identify the relevance of Production and returns to scale of Production							
LO5	To know the costs and profit maximisation							
UNIT	Details							No. of Periods for the Unit
I	<b>Basic Concepts</b> Definitions of Economics– Nature and Scope of Microeconomics –Positive and Normative Approaches- Inductive and Deductive Approaches - Consumers and Firms – Decision Making–Rationality: Self-Interest – Trade-offs – Fundamental Economic Problems -Market Mechanism and Resource Allocation.							
II	<b>Utility Analysis</b> Utility–Ordinal and Cardinal Utility–Total and Marginal Utility – Law of Diminishing Marginal Utility - Law of Equi-Marginal Utility- Indifference Curves–Properties–Marginal Rate of Substitution- Budget Line – Price and Substitution Effects-Optimal Consumer Choice – Revealed Preference Theory – Samuelson and Hicks’ Approach							
III	<b>Demand and Supply Analysis</b> Demand – Types of Goods -Law of Demand – Determinants – Exceptions – Giffen Paradox – Veblen Effect- Elasticity of Demand: Types - Engel’s Law -Supply – Law of Supply – Determinants –Elasticity of Supply and its Types- Market Equilibrium - Consumer Surplus and Producer Surplus							
IV	<b>Production Analysis</b> Production Function– Law of Variable Proportions- Laws of Returns to Scale-Iso-quant’s-Types of Production Function – Cobb -Douglas and Constant Elasticity of Substitution(CES) Production Function –Economies and Diseconomies of Scale							
V	<b>Cost and Revenue Concepts</b> Costs – Fixed and Variable Costs - Average, Marginal, and Total Costs – Short Run and Long Run Costs – Implicit, Explicit, Sunk and Imputed Cost – Revenue – Total, Average and Marginal Revenue –Relationship between AR, MR and Elasticity of Demand- Profit Maximization Rule.							

Course Outcomes	
Course Outcomes	On completion of this course, students will;
CO1	Understand the meaning of basic concepts and the need for the study of Microeconomics.

<b>CO2</b>	Evaluate the Types of Utility and Consumer Behaviour.
<b>CO3</b>	Acquire knowledge on various market equilibrium, Demand and Supply Functions
<b>CO4</b>	To understand the meaning of Production Functions
<b>CO5</b>	To understand the theory of firms, Cost and Revenue

<b>Text Books (Latest Editions)</b>	
1.	Robert Pindyck and Daniel L.Rubinfield,(2001) Micro Economics, Macmillan
2.	Hal R. Varian (2004), Intermediate Micro Economics (East-West Press: New Delhi)
3.	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
4.	Ahuja H.L (2016) Principles of Microeconomics, S.Chand
5.	Timothy Taylor,Steven A Greenlaw and David Shapiro (2017) Principles of Economics, 12 <sup>th</sup> Media Services.
<b>References Books (Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Koutsoyiannis (2003), Modern Microeconomics Palgrave Macmillan (UK) 2 <sup>nd</sup> Edition.
2.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3.	Dwivedi, D.N(2002), Microeconomics: Theory and Applications, 2 <sup>nd</sup> ed., Pearson
4.	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A)
5.	Karl E.Case and Ray C Fair (2007), Principles of Economics, Pearson Prentice Hall Inc Singapore South Asia
<b>Web Resources</b>	
1.	<a href="http://www.econlib.org/library/enc/microeconomics.html">http://www.econlib.org/library/enc/microeconomics.html</a>
2.	<a href="https://www.tutor2u.net/economics">https://www.tutor2u.net/economics</a>
3.	<a href="https://www.economicnetwork.ac.uk/">https://www.economicnetwork.ac.uk/</a>
4.	<a href="https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics">https://www.cliffsnotes.com/study-guides/economics/introduction/microeconomics</a>
5.	<a href="http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf">http://neconomides.stern.nyu.edu/networks/micnotes/micnotes.pdf</a>

**Mapping with Programme Outcomes:**

	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	2	3
<b>CO5</b>	2	2	2	2	2	3	2	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

<b>CO /PO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	2	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	3	2	2
<b>CO5</b>	3	3	3	2	2
<b>Weightage</b>	15	15	14	11	11
<b>Weighted percentage of Course Contribution to Pos</b>	3	3	2.8	2.2	2.2

Title of the Course		STATISTICS FOR ECONOMICS –I						
Part		III						
Category	Core - II	Year	I	Credits	4	Course Code	231503102	
		Semester	I					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
				5	-	--	5	25
Learning Objectives								
LO1	To know the nature and scope of statistics and its applications							
LO2	To teach students Collection, Classification, Analyzing and Presentation of data.							
LO3	To apply the measures of central tendency							
LO4	To draw measurement of dispersion and its applications							
LO5	To analyse correlation and regression and its applications							
UNIT	Details							No. of Periods for the Unit
I	<b>Introduction and Collection of Data</b> Introduction – Nature and Scope of Statistics – Uses and Limitations of Statistics – Data Collection – Primary and Secondary Data –Tools for collecting Primary Data – Requisites of Good Questionnaire – Sources of Secondary Data.							15
II	<b>Classification and Presentation of Data</b> Classification and Tabulation of Data– Types - Frequency Distribution – Cumulative Frequency Distribution- Class Interval – Diagrams – Types- Graphical Representation– Histogram – Frequency Polygon - Ogive Curve - Lorenz Curve.							15
III	<b>Measures of Central Tendency</b> Measures of Central Tendency- Requisites of a Good Average – Arithmetic Mean, Median, and Mode – Relative Merits and Demerits.							15
IV	<b>Measures of Dispersion</b> Absolute and Relative Measures of Dispersion – Range – Quartile Deviation – Mean Deviation – Standard Deviation – Variance - Coefficient of Variation –Skewness and Kurtosis.							15
V	<b>Correlation and Regression</b> Correlation – Types of Correlation – Methods -Karl Pearson’s Coefficient of Correlation – Spearman’s Rank Correlation – Regression Equations – Distinction between Correlation and Regression Analysis.							15

Course Outcomes	
Course Outcomes	On completion of this course, students will;
CO1	Understand the overview of statistics and basic knowledge of statistical tools.
CO2	Differentiate Types of Data and its Classification
CO3	Explain the concept of Averages and its application
CO4	Know the concept of Dispersion and its application
CO5	Calculate Correlation and estimate values using Regression

Text Books (Latest Editions)	
1	Gupta. S.P (2005) Statistical Methods, Sultan Chand and Sons, New Delhi.
2	Sancheti. D.C and Kapoor V.K(2005) Statistical Theory Method and Application, Sultan Chand and Sons, New Delhi.



3	Dr.T.K.V.Iyengar, Dr.B.Krishna Gandhi S.Ranganantham, Dr.M.V.S.S.N Prasad, Probability and Statistics, S.Chand and Co, 2020.
4	Prof S.G.Vekatachalapathy and Dr.H.Premraj (2018) Statistical Methods Margham Publications.
5	Dominick Salvatore and Derrick Reagle,theory and problems of statistics andeconometrics, Mc Graw Hill, (2002)
<b>References Books</b>	
<b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Saxena H.C , (2016) Elementary Statistics, S Chand and Company New Delhi.
2.	Elhance D.N, (2004), Fundamentals of Statistics Kitab Mahal, New Delhi
3.	Manoharan M (2010), “Statistical Methods”, Palani Paramount Publications, Palani.
4.	R.S.N.Pillai and V. Bagavathi(2010), Statistics, Sultan Chand and Sons, New Delhi
5.	Dr.S.Sachdeva ( 2014) Statistics -Lakshmi Narain Agarwal.
<b>Web Resources</b>	
1.	<a href="https://www.cuemath.com/data/statistics/">https://www.cuemath.com/data/statistics/</a>
2.	<a href="https://stattrek.com/statistics/resources">https://stattrek.com/statistics/resources</a>
3.	<a href="https://testbook.com/learn/maths-mean-median-mode/">https://testbook.com/learn/maths-mean-median-mode/</a>
4.	<a href="https://www.statistics.com/">https://www.statistics.com/</a>
5.	<a href="https://thisisstatistics.org/students/">https://thisisstatistics.org/students/</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	3	2	2	2	3	3	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

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	3	3	3	3

<b>Title of the Course</b>		<b>FUNDAMENTALS OF MANAGEMENT</b>						
<b>Part</b>		<b>III</b>						
<b>Category</b>	<b>Generic Elective-I</b>	<b>Year</b>	I	<b>Credits</b>	3	<b>Course Code</b>	<b>231503103</b>	
		<b>Semester</b>	I					
<b>Instructional Hours per week</b>		<b>Lecture</b>	<b>Tutorial</b>	<b>Lab Practice</b>	<b>Total</b>	<b>CIA</b>	<b>External</b>	<b>Total</b>
		4	-	--	4	25	75	100

**Learning Objectives**

<b>LO1</b>	To provide students with the basic concepts of Management.
<b>LO2</b>	To probe the planning concepts and its objectives
<b>LO3</b>	To analyze the Organizational Levels in an Organization
<b>LO4</b>	To describes the motivation and satisfaction and its elements
<b>LO5</b>	To know the importance of Quality Checks.

<b>UNIT</b>	<b>Details</b>	<b>No. of Periods for the Unit</b>
<b>I</b>	<b>Introduction</b> Management – Definition-scope – Schools of Thought in Management-Levels of Management-Role and Functions of a Manager	12
<b>II</b>	<b>Planning</b> Planning: Concept, Objectives, Nature, Limitation, Process of planning, Importance, Forms, Techniques and Process of decision making.	12
<b>III</b>	<b>Organisational Levels</b> Types of Business Organizations – Structure- Span of Control – Departmentalisation-Selection, Training and Development, Performance Management, Career Planning ,and Management	12
<b>IV</b>	<b>Directing</b> Creativity and Innovation – Motivation and Satisfaction – Organization Culture – Elements and Types of Culture – Managing Cultural Diversity.	12
<b>V</b>	<b>Controlling</b> Process of Controlling – Types of Control – Budgetary and non-budgetary, Control Techniques – Managing Productivity – Cost Control – Purchase Control –Maintenance Control – Quality Control – Planning Operations.	12

**Course Outcomes**

<b>Course Outcomes</b>	On completion of this course, students will;
<b>CO1</b>	Understand the foundations and importance of Management.
<b>CO2</b>	Demonstrate an understanding of Planning
<b>CO3</b>	Analyze the organisational levels and Process of selection
<b>CO4</b>	Discuss the relevance of Organizational Culture
<b>CO5</b>	Examine the importance of quality control

**Text Books (Latest Editions)**

1.	Stephen A. Robbins & David A. Decenzo & Mary Coulter,(2011) “Fundamentals of Management” 7th Edition, Pearson Education
2.	Tripathy PC & Reddy PN,(1999) “Principles of Management”, Tata McGraw Hill.
3.	Pillai R.S.N and Kala .S (2013) Principles And Practice Of Management S.Chand& Co andCompany.
4.	Ricky Griffin, “Fundamentals of Management”, Cengage Learning, (2016)
5.	Pardeep Kumar and Amanjot Sachdeva, “Fundamentals of Management”,S. Chand Publishing, (2012)

<b>References Books</b>	
<b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Dr. C.B. Gupta and Dr. Shruti Mathur (2022) Management Principles and Applications, Scholar Tech Press
2.	Neeru Vasisth and Vibhuti Vasishth(2019)Principles of Management Text & Cases, Taxman Publication
3.	R.C Bhatiya, “Fundamentals of Management”, S.K Kataria & Sons, 2013
4.	L.M Prasad, “Principles and Practice of Management, 2021
5.	Dr.N.Mishra and Dr.O.P.Gupta, “Fundamentals of Management”, SBPD Publishing House, 2022
<b>Web Resources</b>	
1.	<a href="http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf">http://www.mim.ac.mw/books/Fundamentals%20of%20Management.pdf</a>
2.	<a href="https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-management-introduction-and-concepts/">https://theintactone.com/2019/09/18/fom-u1-topic-1-fundamentals-of-management-introduction-and-concepts/</a>
3.	<a href="https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf">https://rccmindore.com/wp-content/uploads/2015/06/Fundamentals-of-Management.pdf</a>
4.	<a href="https://in.sagepub.com/en-in/sas/journal-of-management/journal201724">https://in.sagepub.com/en-in/sas/journal-of-management/journal201724</a>
5.	<a href="https://www.managementstudyhq.com/evolution-management-thought-theories.html">https://www.managementstudyhq.com/evolution-management-thought-theories.html</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	3	3
CO5	3	2	3	2	3	2	3	3

**3 – Strong, 2 – Medium, 1 - Low**

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	2
CO2	3	3	3	2	3
CO3	3	3	3	2	3
CO4	3	3	2	2	2
CO5	3	3	3	3	3
<b>Weightage</b>	15	15	14	11	13
<b>Weighted percentage of Course Contribution to Pos</b>	3	3	2.8	2.2	2.6

Title of the Course		INTRODUCTION TO SOCIOLOGY						
Part		III						
Category	Generic Elective- I	Year	I	Credits	3	Course Code	231503104	
		Semester	I					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
		4	-	--	4	25	75	100
Learning Objectives								
LO1	To understand the nature and scope of sociology and its development							
LO2	To identify the origin and development of sociology and its basic concepts							
LO3	To evaluate stages and agencies of socialization							
LO4	To understand social stratification and its determinants							
LO5	To know the social change, evolution and revolution							
UNIT	Details							No. of Periods for the Unit
I	<b>Introduction</b> Definition – Nature and Scope of Sociology –Origins and development of Sociology – Founding fathers and their contributions: Auguste Comte, Herbert Spencer, Karl Marx, Emile Durkheim and Max Weber –Sociology and other social sciences							12
II	<b>Basic Concepts of Sociology</b> Society, Community, Institutions, Association, Social Structure, Status – Role, Norms, and Values; Folkways and Mores, Associative and Dissociative processes – Cooperation- Assimilation-Accommodation- Competition and Conflict							12
III	<b>Individual and Society</b> Individual and Society- Socialization- Stages and Agencies of Socialization- Types of Groups – Primary and Secondary Groups, In-Group and Out-group, Reference Group.							12
IV	<b>Social Stratification</b> Social Stratification: Meaning, Definition and Dimensions –Social mobility and its determinants.							12
V	<b>Social Change</b> Meaning and Types: Evolution and Revolution, Progress and Development — Factors of Social Change-Culture and Civilization							12
Course Outcomes								
Course Outcomes	On completion of this course, students will;							
CO1	Understand the contributions of sociologists in the field of sociology							
CO2	Understand the basic aspects of Sociology							
CO3	Examine the impact of individuals, groups and society							
CO4	Understand the dimensions of social stratification							
CO5	Analyze and design Policy for social change							

Text Books (Latest Editions)	
1	Bottomore, T.B. (1972). Sociology: A guide to problems and literature. Bombay.
2	Jayaram, N. (1988). Introductory sociology. Madras: Macmillan India.
3	Sachdeva Vidya Bhushan D.R.(2020) An Introduction to Sociology, Kitab Mahal
4.	John.J.Macionis, “Sociology”, Pearson, 17 <sup>th</sup> edition, 2018
5.	C.N Shankar Rao, “Sociology: Principles of Sociology with an Introduction to Sociology Thought”, S.Chand Publication, 2019

<b>References Books</b>	
<b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	George Allen and Unwin (India). Harlambos, M. (1998). Sociology: Themes and perspectives. New Delhi: Oxford University Press.
2.	Inkeles, Alex. (1987). What is sociology? New Delhi: Prentice-Hall of India.
3.	Johnson, Harry M. (1995). Sociology: A systematic introduction. New Delhi: Allied Publishers.
4.	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
5.	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York
<b>Web Resources</b>	
1.	<a href="https://data.worldbank.org/indicator/SP.POP.TOTL">https://data.worldbank.org/indicator/SP.POP.TOTL</a>
2.	<a href="https://www.iom.int/">https://www.iom.int/</a>
3.	<a href="https://libguides.humdolt.edu">https://libguides.humdolt.edu</a>
4.	<a href="https://openstax.org/books/introduction-sociology-3e/">https://openstax.org/books/introduction-sociology-3e/</a>
5.	<a href="https://www.sociologygroup.com/important-books-free-notes-sociology-optional/">https://www.sociologygroup.com/important-books-free-notes-sociology-optional/</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	2	3
<b>CO5</b>	2	3	3	2	3	2	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	3	2
<b>CO3</b>	2	3	3	3	2
<b>CO4</b>	3	3	2	3	3
<b>CO5</b>	3	3	3	3	2
<b>Weightage</b>	15	15	14	15	11
<b>Weighted percentage of Course Contribution to Pos</b>	3	3	2.8	3	2.2

Title of the Course		DEMOGRAPHY						
Part		IV						
Category	SEC-I NME	Year	I	Credits	2	Course Code	234603115	
		Semester	I					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
				2	-	--	2	25
Learning Objectives								
LO1	To understand the meaning and scope of demography							
LO2	To discuss the basic concepts of demographic measurements.							
LO3	To describes the concepts of urbanisation and migration							
LO4	To evaluate the international aspects of population growth and tis environment							
LO5	To analyse the trends in population policy in India							
UNIT	Details							No. of Periods for the Unit
I	<b>Introduction</b> Meaning Scope of Demography – Components of Population Growth – Theories of Population: Malthusian Theory, Optimum Theory and Theory of Demographic Transition.							6
II	<b>Birth Rate, Death Rate and Fertility</b> Census Data - Life Tables: Meaning and Uses – Reproductive and Child Health in India – Temporal and Spatial Variation in Sex Ratios – Crude Birth and Death Rate- Age Specific Birth and Death Rates – Standardized Birth and Death Rates –Fertility – Total Fertility Rate – Gross Reproduction Rate – Net Reproduction Rate							6
III	<b>Migration and Urbanisation</b> Migration and Urbanisation – Concept - Types of Migration- Effects of Migration and Urbanisation on Population— Recent Trends in Migration.							6
IV	<b>Population Trends</b> Population Trends– International Aspects of Population Growth and Distribution – Population and Environment Pattern of Age and Sex Structure in Developed and Developing Countries – Age Pyramids and Projections.							6
V	<b>Population Policy in India</b> Population Policy in India and its Evaluation – Population and Strategies for Human Development of Different Social Groups – National Population Commission – Demographic Dividend – National Youth Policy.							6
Course Outcomes								
Course Outcomes	On completion of this course, students will;							
CO1	Describe the various theories of Population Growth							
CO2	Understand Demographic Indicators							
CO3	Assess the causes and impact of Migration on rural-urban population distribution							
CO4	Analyse the major demographic trends and their determinants							
CO5	Evaluate Population Policy of India and analyse recent trends.							
Text Books (Latest Editions)								
1	Jhingan, M. L, B.K. Bhatt, J.N. Desan (2003) Demography, Vrinda Publications, New Delhi							
2	Rajendra K. Sharma (2007), Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.							

3.	Jennifer Hickeys Lundquist, Douglas L. Anderton and David Yaukey, “Demography: The Study of Human Population”, Waveland Press Inc, 2015
4.	Dudley L. Poston, Jr. and Leon F. Bouvier, “Population and Society: An Introduction to Demography”, Cambridge University Press, 2015
5.	Richard.K Thomas, “Concepts, Methods and Practical Applications in Applied Demography”, Springer,2018
<b>References Books</b>	
<b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Agarwala S.N. (1985), India’s Population Problem, Tata McGraw-Hill, Bombay.
2.	Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
3.	Bogue, D.J. (1969), Principles of Demography, John Wiley, New York
4.	Sarah Harper (2018), Demography: A Very Short Introduction, Oxford Press 2018.
5.	Peter R. Cox, Demography- 5 <sup>th</sup> Edition, Cambridge University Press.
<b>Web Resources</b>	
1.	<a href="https://data.worldbank.org/indicator/SP.POP.TOTL">https://data.worldbank.org/indicator/SP.POP.TOTL</a>
2.	<a href="https://www.iom.int/">https://www.iom.int/</a>
3.	<a href="https://censusindia.gov.in">https://censusindia.gov.in</a>
4.	<a href="https://www.nationalgeographic.org/encyclopedia/demography/">https://www.nationalgeographic.org/encyclopedia/demography/</a>
5.	<a href="https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/">https://www.nature.com/scitable/knowledge/library/introduction-to-population-demographics-83032908/</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	2	3
<b>CO5</b>	3	3	3	2	3	2	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	2	2	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	14	14	13	13
<b>Weighted percentage of Course Contribution to Pos</b>	3	2.8	2.8	2.6	2.6

Title of the Course		BUSINESS COMMUNICATION						
Part		IV						
Category	FC	Year	I	Credits	2	Course Code	234403115	
		Semester	I					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
				2	-	--	2	25
Learning Objectives								
LO1	To know the meaning objectives and role of communication and media							
LO2	To understand the need and importance of communication in management							
LO3	To apply the need and function of business letter							
LO4	To study the business correspondents with insurance and other organisation							
LO5	To understand the meaning and importance of report writing							
UNIT	Details							No. of Periods for the Unit
I	<b>Communication</b> Communication: Meaning and Definition - Objectives - Role of Communication – Process and Elements of Communication - Communication Networks - Types and Media of Communication – Barriers to Communication - Characteristics for Successful Communication							6
II	<b>Communication in Management</b> Management and Communication: Need and Importance of Communication in Management – Corporate Communication - Communication Training for Managers - Communication Structure in an Organization.							6
III	<b>Business Letters</b> Business Letter: Need – Functions – Kinds – Essentials of effective Business Letter - Language and Layout – Planning, Enquiries and Replies - Sales Letter - Orders, Tender and Notice - Complaints - Letter of Appointment.							6
IV	<b>Correspondence</b> Correspondence: Bank Correspondence - Insurance Correspondence – Agency Correspondence - Import-Export Correspondence							6
V	<b>Report Writing</b> Report Writing: Meaning and Importance - Purpose - Types of Business Reports - Characteristics of a Good Report - Report Preparation - Report by Individual and Committees - Agenda and Minutes of Meeting.							6
Course Outcomes								
Course Outcomes	On completion of this course, students will;							
CO1	Understand the basics of communication and its Process, Elements, and its importance.							
CO2	Acquire communication skills.							
CO3	Employ the art of report preparation and writing Business Letters							
CO4	Use appropriate technology for business presentations and digital communication and write E-mails in a structured pattern.							
CO5	Employ the art of report preparation							
Text Books (Latest Editions)								
1.	Korlahalli, J. S., & Pal, R. (1979) Essentials of Business Communication. S. Chand, New Delhi.							



2.	Kaul A, ( 2015 ) Effective Business Communication. Second Edition Prentice Hall India Learning Private Limited.
3.	Raymond Lesikar and John Pettit, Jr.(2016) Report Writing for Business Mc Graw Hill Education
4.	Scott Mclean,"Business Communication for Success", Flat World Knowledge, 2010
5.	Virander K. Jain, "Business Communication", S. Chand Limited, 2008
<b>References Books</b> <b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Kumar, R. (2010). Basic Business Communication. Excel Books India.
2.	Bovee, C. L. (2008). Business Communication today. Pearson Education India.
3.	Lesikar, R. V., & Pettit, J. D. (1989). Business communication: Theory and application. Irwin Professional Publishing.
4.	Mary Ellen Guffy and Dana Loewy (2012) Essentials of Business Communication Cengage Learning
5.	C.B.Gupta (2019) Essentials of Business Communication Cengage Learning India Pvt. Ltd
<b>Web Resources</b>	
1.	<a href="https://www.managementstudyguide.com/business_communication.htm">https://www.managementstudyguide.com/business_communication.htm</a>
2.	<a href="https://studiousguy.com/business-communication/">https://studiousguy.com/business-communication/</a>
3.	<a href="https://www.indeed.com/career-advice/resumes-cover-letters/business-communication-skills">https://www.indeed.com/career-advice/resumes-cover-letters/business-communication-skills</a>
4.	<a href="https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php">https://www.softskillsaha.com/what-is-meaning-of-business-communication-skills.php</a>
5.	<a href="https://www.mindtools.com/page8.html">https://www.mindtools.com/page8.html</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	2	3
<b>CO5</b>	3	3	3	2	3	2	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	3	2	3	3
<b>CO2</b>	2	2	3	3	3
<b>CO3</b>	3	2	2	3	3
<b>CO4</b>	2	2	3	2	2
<b>CO5</b>	2	2	3	3	3
<b>Weightage</b>	11	11	13	14	14
<b>Weighted percentage of Course Contribution to Pos</b>	2.2	2.2	2.6	2.8	2.8

<b>Title of the Course</b>		<b>MICRO ECONOMICS-II</b>						
<b>Part</b>		<b>III</b>						
<b>Category</b>	Core 3	<b>Year</b>	I	<b>Credits</b>	4	<b>Course Code</b>	<b>231503201</b>	
		<b>Semester</b>	II					
<b>Instructional Hours per week</b>		<b>Lecture</b>	<b>Tutorial</b>	<b>Lab Practice</b>	<b>Total</b>	<b>CIA</b>	<b>External</b>	<b>Total</b>
		5	-	--	5	25	75	100
<b>Learning Objectives</b>								
<b>LO1</b>	To equip the students to gain knowledge on the market structures							
<b>LO2</b>	To analyse the monopoly and price discrimination in the market							
<b>LO3</b>	To probe the monopolistic and oligopoly competitions and its operation							
<b>LO4</b>	To enrich the students about the Theories of Distribution							
<b>LO5</b>	To understand the concepts of Welfare Economics							
<b>UNIT</b>	<b>Details</b>							<b>No. of Periods for the Unit</b>
<b>I</b>	<b>Perfect Competition</b> Features of Perfect Competition – Equilibrium of the firm and the industry in the Short Run - Long-Run Equilibrium in Perfect Competition- Time Element Analysis.							
<b>II</b>	<b>Monopoly and Price Discrimination</b> Definition of Monopoly–Demand and Marginal Revenue - Equilibrium under Monopoly– Dead Weight Loss -Policies to Control Monopoly – Price Discrimination–First Degree, Second Degree and Third-Degree Price Discrimination – Dumping.							
<b>III</b>	<b>Monopolistic and Oligopoly Competition</b> Monopolistic Competition–Features– Product Differentiation–Market Equilibrium and Short Run and Long Run- Barriers to Entry – Group and Industry Equilibrium– Excess Capacity - Oligopoly – Kinked Demand Curve – Collusion – Cartels and Price Leadership –Game Theory – Minimax – Maximin – Nash Equilibrium.							
<b>IV</b>	<b>Distribution Theory</b> Functional and Personal Distribution – Marginal Productivity Theory of Distribution – Product Exhaustion Theorem - Concepts of VMP and MRP.							
<b>V</b>	<b>Welfare Economics and General Equilibrium</b> Welfare Criteria – Adam Smith – Edgeworth – Pareto - Kaldor – Market Failure – Externalities – Walrasian General Equilibrium – Static Properties for Consumption, Production, and Distribution.							

<b>Course Outcomes</b>	
<b>Course Outcomes</b>	On completion of this course, students will;
<b>CO1</b>	Understand the equilibrium conditions in Perfect Competition.
<b>CO2</b>	Analyze the equilibrium conditions under Monopoly Market Structure.
<b>CO3</b>	Describe the Market Equilibrium under Monopolistic and Oligopoly Market.
<b>CO4</b>	Know the importance of theories of Distribution.
<b>CO5</b>	Evaluate the aspects of Welfare Economics and General Equilibrium.

<b>Text Books (Latest Editions)</b>	
1.	Robert Pindyck and Daniel L. Rubinfeld, (2001) Micro Economics, Macmillan.
2.	Hal R. Varian (2004), Intermediate Micro Economics East-West Press: New Delhi.
3.	Walter Nicholson and Christopher Snyder, Micro Economic Theory - Basic Principles and Extensions, Cengage Learning India Pvt, Ltd, 12th Edition, 2016.
4.	Paul Krugman and Robin Wells, Micro Economics, Worth Publishers, 2020.
5.	Timothy Taylor, Steven A Greenlaw and David Shapiro (2017) Principles of Economics, 12 <sup>th</sup> Media Services.
<b>References Books (Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Koutsoyiannis (2003), Modern Microeconomics, Palgrave Macmillan (UK) 2 <sup>nd</sup> Edition.
2.	Gregory Mankiw (2012), Principles of Microeconomics Cengage India.
3.	Case & Fair, Principles of Economics Myeconlab series 8 <sup>th</sup> Edn.
4.	Mansfield, Edwin and Yohe, Gary (2010): Microeconomics 4 <sup>th</sup> ed, Viva-Norton Indian Edition
5.	Ferguson C.E. (1970), Micro Economic Theory, (Homewood, U.S.A)
<b>Web Resources</b>	
1.	<a href="https://open.umn.edu/opentextbooks/subjects/economics">https://open.umn.edu/opentextbooks/subjects/economics</a>
2.	<a href="https://global.oup.com">https://global.oup.com</a>
3.	<a href="https://www.economicsnetwork.ac.uk">https://www.economicsnetwork.ac.uk</a>
4.	<a href="https://edge.sagepub.com/sextonmicro8e">https://edge.sagepub.com/sextonmicro8e</a>
5.	<a href="https://www.aeaweb.org/resources/students">https://www.aeaweb.org/resources/students</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	2	3	2	3
CO5	2	3	2	3	3	2	3	3

3 – Strong, 2 – Medium, 1 - Low

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	3	2
CO2	3	3	3	2	2
CO3	3	3	3	2	3
CO4	3	3	3	2	2
CO5	3	3	3	3	3
Weightage	15	15	15	12	12
Weighted percentage of Course Contribution to Pos	3	3	3	2.4	2.4

Title of the Course		STATISTICS FOR ECONOMICS-II						
Part		III						
Category	Core IV	Year	I	Credits	4	Course Code	231503202	
		Semester	II					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
		5	-	--	5	25	75	100
Learning Objectives								
LO1	To understand the various methods of index numbers and its applications							
LO2	To analyse the components and measurement of time series data							
LO3	To know the theories of probability and its applications							
LO4	To probe the research design and sampling methods							
LO5	To acquire knowledge on the application of test of Hypotheses in Research							
UNIT	Details							No. of Periods for the Unit
I	<b>Index Numbers</b> Index Numbers – Methods – Unweighted and Weighted Index Numbers – Aggregate and Relative Index Numbers – Chain and Fixed based Index Numbers – Test of Adequacy of Index Numbers – Wholesale Price Index – Consumer Price Index – Cost of Living Index.							15
II	<b>Time Series Analysis</b> Definition– Components and Measurement– Graphic Method - Methods of Semi Average, Moving Averages and Method of Least Squares – Uses of Time Series Analysis.							15
III	<b>Theory of Probability</b> key Concepts of Probability – Importance – Theorems of Probability: Addition, Multiplication and Bayes’ Theorem - Discrete and Continuous Random Variables – Theoretical Distributions – Binomial, Poisson and Normal – Properties- Uses and Applications.							15
IV	<b>Sampling</b> Sampling – Census and Sample Method – Theoretical Basis of Sampling – Methods of sampling – Random and Non –Random Sampling - Size of Sample – Merits and Limitations of Sampling – Sampling and Non- Sampling Errors.							15
V	<b>Testing of Hypothesis</b> Hypothesis Testing – Meaning, Types, Sources and Functions of Hypothesis – Test: Null and Alternative Hypothesis – Type – I and Type – II Errors– ‘t’ Test – Paired ‘t’-test – Chi –Square test, ‘F’ test – Analysis of Variance - One way and Two-way ANOVA.							15

Course Outcomes	
Course Outcomes	On completion of this course, students will;
CO1	Gain Knowledge on the Index Numbers
CO2	Analyze the importance of Time Series Data and its measurement
CO3	Understand the concept of Probability
CO4	Identify the various Sampling Methods
CO5	Acquire Knowledge on Hypothesis Testing

Text Books (Latest Editions)	
1	S.P Gupta, (2017) “Statistical Methods”, Sultan Chand & Sons.
2	Anderson, Sweeney and Williams(2012), “Statistics for Business and Economics Cengage,2012.
3	Pillai R.S.N. &BagavathiV (2012) “Statistics :Theory and Practice” S.Chand&CompanyLtd. New Delhi.

4.	Dr.T.K.V.Iyengar, Dr.B.Krishna Gandhi S.Ranganantham, Dr.M.V.S.S.N Prasad, Probability and Statistics, S.Chand and Co, 2020.
5.	Prof S.G.Vekatachalapathy and Dr.H.Premraj (2018) Statistical Methods Margham Publications.
<b>References Books</b>	
<b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Anderson, David Ray, “Statistics for Business and Economics”, South-Western Pub,2001.
2.	Sancheti and Kapoor, Statistics, (2015) Sultan & Sons New Delhi.
3.	Gupta S.C. Statistical Methods (2015) Sultan & sons New Delhi.
4.	Monga G.S. “Mathematics and Statistics for Economics” (2001), Vikas Publishing House Pvt.Ltd New Delhi.
5.	Dominick Salvatore and Derrick Reagle,theory and problems of statistics and econometrics, Mc Graw Hill, (2002)
<b>Web Resources</b>	
1.	<a href="https://stattrek.com/statistics/resources">https://stattrek.com/statistics/resources</a>
2.	<a href="https://www.cuemath.com/data/f-test/">https://www.cuemath.com/data/f-test/</a>
3.	<a href="https://www.statistics.com/">https://www.statistics.com/</a>
4.	<a href="https://thisisstatistics.org/students/">https://thisisstatistics.org/students/</a>
5.	<a href="https://oli.cmu.edu/courses/probability-statistics-open-free/">https://oli.cmu.edu/courses/probability-statistics-open-free/</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	2	3
<b>CO5</b>	3	2	2	2	3	2	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

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

Title of the Course		HISTORY OF ECONOMIC THOUGHT						
Part		III						
Category	Generic Elective-II	Year	I	Credits	3	Course Code	231503203	
		Semester	II					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
		4	-	--	4	25	75	100
Learning Objectives								
LO1	To explain the nature and scope of economic thought and its principles							
LO2	To understand the classical economists ideology and theory of Marx							
LO3	To know the Kenesian revolution and its analysis							
LO4	To build the Marginalism Revolution and its operations							
LO5	To describes the thoughts of various Nobel laureates in economics							
UNIT	Details							No. of Periods for the Unit
I	<b>Pre-Classical Thought</b> Nature and Scope of Economic Thought-Mercantilism: Growth of Mercantilism- Main Principles – Important Mercantilists- Physiocracy - Main concepts - Important Physiocrats							12
II	<b>Classical Economists and Karl Marx</b> Adam Smith- Division of Labour- Theory of Value- Laissez Faire- Canons of Taxation - Ricardo: Theory of Rent - Comparative Advantage Theory of Trade- Malthus-Theory of Population –Theory of Gluts –Karl Marx-Theory of Surplus Value -Breakdown of the Capitalist System							12
III	<b>Neo-Classical and Institutional Thought</b> The Marginalist Revolution- Marshall: Value and Role of Time – Marginal Utility and Consumer’s Surplus – Distribution – Marshallian Concepts – Representative Firm, Economies of Scale, Quasi-Rent- Institutional Economics – Veblen – Mitchell –J.R.Commons.							12
IV	<b>Keynesian Revolution and Modern Thought</b> Keynes – Psychological law of Consumption- Effective Demand- Theory of Employment-- Schumpeter’s Theory of Innovation - Hicks theory of Trade Cycle- New Keynesian Economics- New classical Economics –Rational Expectation Hypothesis.							12
V	<b>Nobel Laureates in Economics and Indian Economic Thought</b> Nobel Laureates in Economics – Paul A Samuelson – Kuznets – Hicks – Myrdal – Milton Friedman – Recent Nobel Laureates (Last Three Years)- Indian Economic Thought – DadabhaiNaoroji- Mahatma Gandhi-B.R. Ambedkar – Amartya Sen – Sen’s Capability Approach – Poverty and Inequality.							12
Course Outcomes								
Course Outcomes	On completion of this course, students will;							
CO1	Acquire knowledge on the subject matter of History of Economic Thought.							
CO2	Understand the contributions of the Classical Ideas of Economics.							
CO3	Describe Neo Classical and Institutional Economic Ideas							
CO4	Examine the Keynesian School and Modern Economic Ideas							
CO5	Understand the contribution of Nobel Laureates and Indian Economic Ideas							

<b>Text Books (Latest Editions)</b>	
1	Lokanathan, V, History of Economic Thought, S Chand & Co Ltd.
2	Bhatia, H.L. (2018), History of Economic Thought, S Chand & Co Ltd.
3	Srivastava S.K (2002) History of Economic Thought, S.Chand Publication.
4	M.L Jhingan ,M.Girija , L.Sasikala “History of Economic Thought” 3rd Edition, Virnda Publication 2014.
5	R.R.Paul “History of Economic Thought” ,Kalyani Publisher,2018.
<b>References Books (Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Amartya Sen (1982), Welfare and Measurement, Oxford University Press, New Delhi.
2.	Gandhi, M.K. (1938), Economics of Village Industries, Navjivan Publishers, New Delhi.
3.	T.N.Hajela, (2015), History of Economic Thought Ane Students Edition 18 <sup>th</sup> Edition.
4.	Gide and Rist,(2014) , A History of Economic Doctrines, Nabu Press.
5.	V.Lokanathan (2009) “A History of Economic Thought: S.Chand& Co Limited.
<b>Web Resources</b>	
1	<a href="https://www.hetwebsite.net/het/">https://www.hetwebsite.net/het/</a>
2.	<a href="https://thoughteconomics.com/">https://thoughteconomics.com/</a>
3.	<a href="https://www.nobelprize/economic-sciences/">https://www.nobelprize/economic-sciences/</a>
4.	<a href="https://www.aeaweb.org/resources/students">https://www.aeaweb.org/resources/students</a>
5.	<a href="https://sites.google.com/site/maeconomicsku/home">https://sites.google.com/site/maeconomicsku/home</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	3	3
<b>CO5</b>	2	2	2	2	3	2	3	3

3 – Strong, 2 – Medium , 1 - Low

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	3	3	3	3
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	15	15	14	12	12
<b>Weighted percentage of Course Contribution to Pos</b>	3	3	2.8	2.6	2.6

<b>Title of the Course</b>		<b>INTRODUCTION TO E-COMMERCE</b>						
<b>Part</b>		<b>III</b>						
<b>Category</b>	<b>Generic Elective -II</b>	<b>Year</b>	I	<b>Credits</b>	3	<b>Course Code</b>	231503204	
		<b>Semester</b>	II					
<b>Instructional Hours per week</b>		<b>Lecture</b>	<b>Tutorial</b>	<b>Lab Practice</b>	<b>Total</b>	<b>CIA</b>	<b>External</b>	<b>Total</b>
		4	-	--	4	25	75	100
<b>Learning Objectives</b>								
<b>LO1</b>	To learn the nature and concepts of E-commerce in India							
<b>LO2</b>	To understand the various business models for E-Commerce and its uses							
<b>LO3</b>	To analyse the Various on line business transactions and its applications							
<b>LO4</b>	To explain the E-Promotion and consumer protection and its latest amendments							
<b>LO5</b>	To update the students on various methods of E-payment systems and tis risks.							
<b>UNIT</b>	<b>Details</b>							<b>No. of Periods for the Unit</b>
<b>I</b>	<b>Introduction</b> Meaning – Nature – Concepts – advantages and disadvantages – online Transaction - Types of E-Commerce - Growth of E-Commerce in India.							12
<b>II</b>	<b>Business Models for E-commerce</b> E-commerce Models - Business-to-Business (B2B) – Business– to-Consumer (B2C) - Consumer-to-Consumer (C2C) - Consumer-to-Business (C2B) - Direct to Customer (D2C) – Peer-to-Peer (P2P) - Brokerage Model - Aggregator Model.							12
<b>III</b>	<b>Online Business Transactions</b> E-Commerce Applications in Various Industries- Banking, Insurance, Payment Of Utility Bills - Online Marketing /E-Tailing (Popularity, Benefits, Problems and Features) -Online Services (Financial, Travel and Career) /Auctions, Online Portal, Online Learning - Publishing and Entertainment - Online Shopping							12
<b>IV</b>	<b>E-Promotion and Consumer Protection</b> E-Advertising techniques: Banners, Sponsorships, Portals, and online coupons-Role of Influencers in Social Media- Marketing-Porters Value Chain Model-E- Commerce and consumers-Consumer Protection (E-Commerce) Rules 2020 and Latest Amendments							12
<b>V</b>	<b>E- Payment System</b> Models and Methods of e–Payments (Debit Card, Credit Card, Smart Cards, e-money) - Digital Signatures (procedure, working and legal position) - Payment Gateways - Online Banking: Meaning, Concepts, Importance, Electronic Fund Transfer - Automated Clearing House - Automated Ledger posting - Risks involved in e-payments.							12

<b>Course Outcomes</b>	
<b>Course Outcomes</b>	On completion of this course, students will;
<b>CO1</b>	Understand the pros & cons of E-commerce.
<b>CO2</b>	Analyze the various models of E-commerce.
<b>CO3</b>	Understand the online business transaction and their impact on related service providers.
<b>CO4</b>	Understand the e-marketing mix and be familiar with consumer protection.
<b>CO5</b>	Know the mechanism of E- payment and its operations.

<b>Text Books (Latest Editions)</b>	
1	Bajaj K.K and Debjani Nag ( 2017 ), E-commerce, McGraw Hill Educatio
2	Chhabra T.N , Suri and Sanjiv Varma ( 2005) E-Commerce, Dhanpat Rai & Co



3	Dr.K. Abirami Devi and Dr.M. Alagammal, “E- Commerce”, Margaham Publication,
4	Amir Manzoor, “E- Commerce: An Introduction”, Lambert Academic Pubishing,2010
5	Dr. Shivani Arora, “E-Commerce”, Taxmann Publishing, 2017
<b>References Books</b> <b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Pandey ( 2013 ) Ecommerce and its Applications , S.K. Kataria& Sons
2.	Kenneth C. Laudon and Carlo Guercio Traver(2020 ) , E-Commerce, Pearson Education.
3.	Pralok Gupta (2020) E-commerce in India: Economic and Legal Perspectives, SAGE Publications India Pvt Ltd
4.	David Whitley (2017) E - Commerce: Strategy, Technologies and Applications,
5.	Joseph P.T ., S.J (2019) “E-Commerce : An Indian Perspective” PHI Learning Pvt. Ltd.
<b>Web Resources</b>	
1.	<a href="https://ecommerce-platforms.com/resources">https://ecommerce-platforms.com/resources</a>
2.	<a href="https://ecommerceguide.com">https://ecommerceguide.com</a>
3.	<a href="https://www.bigcommerce.com/resources/">https://www.bigcommerce.com/resources/</a>
4.	<a href="https://www.cloudways.com/blog/top-ecommerce-websites/">https://www.cloudways.com/blog/top-ecommerce-websites/</a>
5.	<a href="https://www.indiafilings.com/learn/how-to-start-an-ecommerce-business-in-india/">https://www.indiafilings.com/learn/how-to-start-an-ecommerce-business-in-india/</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	3	3
<b>CO5</b>	2	2	3	3	3	2	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	2	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	3	2	2	3	3
<b>CO4</b>	3	2	2	3	3
<b>CO5</b>	3	2	2	3	3
<b>Weightage</b>	15	12	12	14	14
<b>Weighted percentage of Course Contribution to Pos</b>	3	2.6	2.6	2.8	2.8

Title of the Course		ECONOMICS FOR INVESTORS						
Part		IV						
Category	SEC-2 NME	Year	I	Credits	2	Course Code	234603215	
		Semester	II					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
				2	-	--	2	25
Learning Objectives								
LO1	To understand concepts of saving and investments							
LO2	To probe the various investment avenue and its practice applications							
LO3	To enables various investment markers and its features							
LO4	To Know the economic fundamentals and the Business Environment							
LO5	To understand various investment methods and its strategies							
UNIT	Details							No. of Periods for the Unit
I	<b>Introduction</b> Saving and Investments – Meaning – Types - Importance – Role of Savings and Investment on the development of Individuals- Distributional Role of Investment – Income and Wealth – Equitable Distributional Role							6
II	<b>Investment Avenues</b> Traditional Investment – Cash, Deposits, Gold, Silver, Commodities Real Estates. Modern Investment – Direct Investment – Portfolio Investment -Insurance -Mutual Funds -Traded Funds.							6
III	<b>Investment Markets</b> Capital Market – Share Market – Primary and Secondary – Bond Markets- Money Market – Metal Market - Commodities Markets – Foreign Exchange Market - Hedging - Futures and Options							6
IV	<b>Economic fundamentals for Investors</b> Domestic Economic Environment: Economic Growth and Development – National Income – Per Capita Income, Unemployment – Taxes, Trade Cycle – Infrastructure – Physical and Economic. Political and Social Environment- International Economic Environment: International Economic Growth and Development, Trade, Foreign Exchange - Global Recession- Oil Market – War Between Countries							6
V	<b>Investment Methods and Strategies.</b> Cash Flow – Capital Gain – Risk Rewarding – Asset Accumulation - Risk Distribution – Asset Management.							6

Course Outcomes	
Course Outcomes	On completion of this course, students will;
CO1	Describe the types and importance of savings and investments.
CO2	Explain the available for investment avenues
CO3	Understand the operations of different types of investment markets.
CO4	Evaluate the economic fundamentals and information.
CO5	Construct objective enabling investment plans, strategy, evaluate and restructure if required.

Text Books (Latest Editions)	
1	Ken McElroy, (2004) The ABCs of Real Estate Investing, Hachette Book Group USA
2	Esme Faerber (2013), All about Stocks ,TataMGrav Hill, New Delhi
3	Christopher D. Piros, Jerald E. Pinto(2013), “Economics for Investment Decision Makers:Micro, Macro, and International Economics, Workbook”, Wiley, 2013
4.	John Calverley, “The Investor's Guide to Economic Fundamentals”, Wiley, 2003

5	Howards Marks, Mastering The Market Cycle: Getting the Odds on Your Side”, John Murray Press, 2018
<b>References Books</b> (Latest editions, and the style as given below must be strictly adhered to)	
1.	Robert T. Kyosaki,(2014) Guide To Investing Business Plus ISBN: 9780446589161
2.	Benjamin Graham(1949), The Intelligent Investor, Harper&Brothers
3.	Mary Buffett and David Clark(2002), The New Buffettology (Simon and Schuster)
4.	John C Bogle(2017) The Little Book of Common Sense Investing:The Only Way to Guarantee Your Fair Share of Stock Market Returns, Wiley Publications
5.	William J. O’ Neil (2009) How to Make Money in Stocks: A Winning System in Good Times and Bad, Fourth Edition McGraw Hill Education
<b>Web Resources</b>	
1.	<a href="https://www.capitalmarket.com/">https://www.capitalmarket.com/</a>
2.	<a href="https://www.icmagroup.org/">https://www.icmagroup.org/</a>
3.	<a href="https://www.nseindia.com">https://www.nseindia.com</a>
4.	<a href="https://www.stockbrokers.com/guides/beginner-investors">https://www.stockbrokers.com/guides/beginner-investors</a>
5.	<a href="https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners">https://www.nasdaq.com/articles/10-best-stock-trading-websites-for-beginners</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	3	3
<b>CO5</b>	2	2	3	3	3	2	3	3

**3 – Strong, 2 – Medium , 1 - Low**

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	3	3	3	3	2
<b>CO2</b>	3	3	3	2	2
<b>CO3</b>	2	2	3	3	3
<b>CO4</b>	3	3	2	2	2
<b>CO5</b>	2	2	3	3	3
<b>Weightage</b>	13	13	14	13	12
<b>Weighted percentage of Course Contribution to Pos</b>	2.6	2.6	2.8	2.6	2.4

Title of the Course		COMPUTER APPLICATIONS IN ECONOMICS						
Category	SEC- III	Year	I	Credits	2	Course Code	234403215	
		Semester	II					
Instructional Hours per week		Lecture	Tutorial	Lab Practice	Total	CIA	External	Total
		2	-	--	2	25	75	100
<b>Learning Objectives</b>								
LO1	To know the basic concepts of Computer Applications							
LO2	To apply the MS office and its basic operations							
LO3	To describes the data processing techniques using various MS office operations							
LO4	To gain knowledge on application of MS Excel							
LO5	To know mathematical and statistical functions for Economic Analysis							
UNIT	Details							No. of Periods for the Unit
I	<b>Introduction to Computers</b> Computer and Peripherals: Meaning, Types, Features and Limitations– Basic Components – Input and Output Devices – Primary Memory and Secondary Storage – Computer Software– Types – Malicious Software –Operating Systems: Functions and Types.							15
II	<b>MS Office</b> Windows Explorer - MS Word: Basic Operations in Word – Editing– Formatting – Text Creation of Tables and Volumes - MS Power Point Presentation- Creating, Opening and Saving Slideshow and Animations - MS Excel: Work Sheet and Work Book- Opening and Formatting.							15
III	<b>Data Processing</b> Data Processing Techniques using MS Excel: Concept of Data – Record and File – Types of Data – Data Entry – File Handling and Operations–Opening, Appending and Cascading – Closing and Attribute Controls – Data Storage and Retrieval.							12
IV	<b>Introduction to MS Excel</b> Calculation Operators: Arithmetic Operators – Comparison Operators – Logical Operations- Excel Tool Bars- Formatting of Text, Tables and Graphs.							15
V	<b>Application of MS Excel in Statistics and Economics</b> Descriptive Statistics: Mean, Median, Mode and Standard Deviation Variance- Index Numbers and Growth Rates - Demand Function - Supply Function, Production Function and Consumption Function - Demand for and Supply of Money- Correlation – Regression.							18

Course Outcomes	
Course Outcomes	On completion of this course, students will;
CO1	Understand basic components of Computer and its functions.
CO2	Gain Knowledge of MS Office.
CO3	Outline data processing techniques of MS Excel.
CO4	Understand basic Operation in MS Excel.
CO5	Apply MS Excel in Statistics and Economics.

Text Books (Latest Editions)	
1	Hem Chand Jain and H.N.Tiwari (2019) Computer Applications In Business ,5 <sup>th</sup> Edition Taxmann Publication.
2	Dhanasekaran.K( 2010) Computer Applications In Economics Vrinda Publications.
3	Asthana and Braj Bhushan (2007):Statistics for Social Sciences (with SPSS Applications).

4.	Dan Kookin, “Word for Dummies”, Wiley, 2021
5.	Joseph Muller, “Statistical Analysis with Excel For Dummies”, Wiley, 2008
<b>References Books</b> <b>(Latest editions, and the style as given below must be strictly adhered to)</b>	
1.	Oscar Afonso , Paulo B. Vasconcelos, Computational Economics: A Concise Introduction, Routledge; 1 <sup>st</sup> Edition
2.	Alexis Leon and Mathews Leon; (2001), Introduction to Computers with Ms-Office 2000.McGraw Hill Education
3.	Greg Harvey, PhD, (2007) Microsoft Office Excel 2007 For Dummies, Wiley Publishing.
4.	Kerns (1992) Essentials of Microsoft Windows, Word and Excel, Prentice Hall
5.	Kavindra Kumar Singh (2014) Computer Applications in Management DreamTech
<b>Web Resources</b>	
1.	<a href="https://www.excel-easy.com/basics.html">https://www.excel-easy.com/basics.html</a>
2.	<a href="https://excelchamps.com/excel-basics/">https://excelchamps.com/excel-basics/</a>
3.	<a href="https://edu.gcfglobal.or/en/topics/excel/">https://edu.gcfglobal.or/en/topics/excel/</a>
4.	<a href="https://trumpexcel.com/learn-excel/">https://trumpexcel.com/learn-excel/</a>
5.	<a href="https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup">https://www.simplilearn.com/learn-ms-excel-free-training-course-skillup</a>

**Mapping with Programme Outcomes:**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
<b>CO1</b>	3	3	3	3	3	3	3	3
<b>CO2</b>	3	3	3	3	3	3	3	3
<b>CO3</b>	3	3	3	3	3	3	3	3
<b>CO4</b>	3	3	3	3	2	3	3	3
<b>CO5</b>	3	2	2	3	3	3	3	3

3 – Strong, 2 – Medium , 1 - Low

**Mapping with Programme Specific Outcomes:**

CO /PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	2	2	2	3	3
<b>CO2</b>	2	2	2	3	3
<b>CO3</b>	2	2	2	3	3
<b>CO4</b>	2	2	2	3	3
<b>CO5</b>	3	3	3	3	3
<b>Weightage</b>	11	11	11	15	15
<b>Weighted percentage of Course Contribution to Pos</b>	2.2	2.2	2.2	3	3