



HAJEE KARUTHA ROWTHER HOWDIA COLLEGE

(An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai.)

Re-Accredited with A++ Grade by NAAC (3rd Cycle)

Uthamapalayam - 625 533.

DEPARTMENT OF ECONOMICS

BACHELOR OF ARTS - ECONOMICS

SYLLABUS

Choice Based Credit System – CBCS

With

Outcome Based Education (OBE)

(Academic Year 2026 - 2027 onwards)

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College Vision and Mission

Vision

Our vision is to provide the best type of higher education to all, especially to students hailing from minority Muslim community, rural agricultural families and other deprived, under privileged sections of the society, inculcating the sense of social responsibility in them. Our college is committed to produce talented, duty-bound citizens to take up the challenges of the changing times.

Mission

Our mission is to impart and inculcate social values, spirit of service and religious tolerance as envisioned by our beloved Founder President Hajee Karutha Rowther.

The Vision beckons the Mission continues forever.

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Department Vision and Mission

Vision

- Education in Economics for the inclusive and sustainable development of the nation by promoting employable skills.

Mission

- To provide quality instruction to students to prepare them for successful careers.
- To equip the student's to contribute positively to the economic and social well-being of the society.
- *To stimulate the academic environment to promote excellence in higher education*

Programme Educational Objectives (PEO)

Our graduates will be progressive, efficient, value based, academically excellent, creative, collaborative, empowered and globally competent literates with the skills required for societal change.

They will demonstrate

PEO1	Comprehensive knowledge and expertise, employability, the acumen of creative and critical thinking, the spirit of enquiry and professional attitude required for a successful career
PEO2	Accountability, linguistic competence, and communication skills in the work environment and beyond
PEO3	Perseverance, effective collaboration, team spirit, leadership, and problem-solving skills
PEO4	Keen sense of civility, professional ethics, receptivity, and moral righteousness
PEO5	Commitment to address social and environmental threats and to act as responsible service-minded, duty-bound global citizens

Programme Outcomes (PO)

On completion (after three years) of B.A. Economics programme, the students are able to

PO1	Develop the ability to explain the key economic terms, concepts, and
PO2	Apply methods in the analysis of economic data and models through statistical and econometric tools.
PO3	Analyse the regional, national and global issues from economic
PO4	To know how to make a rational choice using economic principles.
PO5	To help the students to prepare for competitive examinations

Programme Specific Outcomes (PSO)

A graduate of B.A. Economics after completion of three years' will

PSO1	Utilise the Economic concepts in the day to day life for better living
PSO2	Apply the Economic theories in the work places and the homes to make better decisions and choices
PSO3	Use Entrepreneurial skills with communication to excel their
PSO4	Show continuous improvement in their professional career through life-long learning, appreciating human values and ethics
PSO5	Develop the teamwork and leadership skills acquired through life-training to improve their efficiency

Programme Scheme

Eligibility

Passed in H.Sc., or any other Examination accepted by the Syndicate as Equivalent.

For Programme Completion

A Candidate shall complete:

- Part I - Language Courses – Tamil/Arabic/Malayalam in semesters I, II, III and IV respectively
- Part II - Language Courses - English in semesters I, II, III, IV respectively
- Part III - Core Courses in semesters I, II, III, IV, V and VI respectively
- Part III - Generic Elective Courses in semesters I, II, III and IV respectively
- Part III - Discipline Elective Courses in semesters IV, V and VI respectively
- Part IV - Foundation Course (Skill Enhancement Course) in Semester I
- Part IV - Entrepreneurial Skills (Skill Enhancement Course) Course in Semester III
- Part IV - Professional Competency Skill (Skill Enhancement Course) Course in Semester V
- Part IV – Non Major Elective (Skill Enhancement Course) Courses in Semesters V and VI respectively
- Part IV - Environmental Studies Course in semester I
- Part IV - Value Education Course in semester III
- Part IV - Summer Internship/Industrial Training Course in semester V
- Part V - Extension activity in semester IV

Scheme of Examinations under Choice Based Credit System

Term End Examinations (TEE)	- 75 Marks
Continuous Internal Assessment Examinations (CIAE)	- 25 Marks
Total	- 100 Marks

Pattern of Continuous Internal Assessment Examinations (CIAE)

Average of Two Internal Tests (each 20 marks)	- 20 Marks
Assignment	- 05 Marks
Total	- 25 Marks

Pattern of Term End Examinations

(Max. Marks: 75 / Time: 3 Hours)

External Examinations Question Paper Pattern for Part I & III and Part IV (Non- Major Elective & Skill based Subject)

Section – A (5 X 1 = 5 Marks)

Answer ALL questions.

- Questions 1 - 5
- One question from each unit
- Multiple choice questions and each question carries Four choices

Section – B (5 X 2 = 10 Marks)

Answer ALL questions.

- Questions 6 - 10
- One question from each unit
- Short Answer (Definition)

Section – C (5 X 6 = 30 Marks)

Answer any ALL questions (Choose either a or b).

- Questions 11 - 15
- One question from each unit
- Paragraph

Section - D (3 X 10 = 30 Marks)

Answer any THREE out of five questions.

- Questions 16 - 20
- One question from each unit
- Essay type

**External Examinations Question Paper Pattern for Part IV-
Foundation Course**

- MCQ Pattern (1 X 75 = 75 Marks)

**External Examinations Question Paper Pattern for Part IV-
Environmental Studies and Value Education**

Section - A: (5 X 6 = 30 Marks)

Answer ALL questions choosing either A or B.

- Questions 1 - 5
- Two questions from each unit (either.... or.... type)
- Paragraph

Section - B (3 X 15 = 45 Marks)

Answer any THREE out of five questions.

- Questions 6 - 10
- One question from each unit
- Easy type

Part V (Extension Activities) - 13 Activities

- Internal Evaluation

Passing Marks

Minimum 27 for External Exam

Eligibility for the degree - passing minimum is **40%**

Practical Examination

Internal - 40 marks

External - 60 marks (24 mark is mandatory)

Total - 100 marks

Passing minimum is **40%**

Weightage

Weightage for Bloom's Taxonomy	Percentage	Marks	
		CIAE	TEE
Knowledge (Remembering) - K1	15	4	11
Understanding - K2	20	5	15
Applying - K3	25	6	19
Analyzing - K4	40	10	30
Gross Total	100	25	75

Assessment

Distribution of questions and marks for Continuous Internal Assessment Examinations

Bloom's Taxonomy	Section A	Section B	Section C	Section D	Total
Knowledge(K1)	2(2)	2(2)	-	-	25 marks
Understanding(K2)	Assignment (5)				
Apply(K3)	-	-	2(6)	-	
Analyzing (K4)	-	2(2)	-	1(8)	

Distribution of questions and marks for Term End Examinations.

Bloom's Taxonomy	Section A	Section B	Section C	Section D	Total
Knowledge(K1)	1(1)	2(4)	1(6)	-	Total 75 Marks
Understanding(K2)	1(1)	1(2)	2(12)	-	
Apply(K3)	3(3)	2(4)	2(12)	-	
Analyzing (K4)	-	-	-	3(30)	

Note: Figures in parenthesis are Marks

Credits Distribution

S.No	Part	Category	No of Courses	No of Credits
1	Part - I	Language	4	12
2	Part - II	English	4	12
3	Part - III	Core (Theory / Practical / Project)	17	69
		Discipline Elective (Theory / Practical)	4	14
		Generic Elective (Theory / Practical)	6	16
4	Part - IV (AEC)	Foundation Course	1	2
		EVS	1	2
		Value Education	1	2
		NME	2	4
5	Part - IV (SEC)	Entrepreneurial Skills	1	2
		Professional Competency	1	2
		Internship	1	2
6	Part - V	Extension Activity	1	1
Total			44	140

B.A., ECONOMICS

Details of Course Category, Code, Credits & Title

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester - I							
Part - I							
Language - I	26UTALL11	பொதுத்தமிழ் - I	6	25	75	100	3
	26UARLL11	Introduction to Arabic Language - I					
	26UMMLL11	History of Malayalam Literature					
Part - II							
English - I	26UENLL11	General English - I	6	25	75	100	3
Part - III							
Core - I	26UECCC11	Micro Economics - I	5	25	75	100	4
Core - II	26UECCC12	Economic Statistics - I	5	25	75	100	4
Generic Elective - I	26UHIGE11	Freedom Struggle in India	4	25	75	100	3
Part - IV							
Foundation Course (SEC)(MCQ)	26UECFN11	Elementary Economics	2	25	75	100	2
EVS	26UGEVS11	Environmental Studies	2	25	75	100	2
TOTAL			30				21

Course Category	Course Code	Course Title	Hrs	CIAE	TEE	Max. Marks	Credits
Semester - II							
Part - I							
Language - II	26UTALL21	பொதுத்தமிழ் - II	6	25	75	100	3
	26UARLL21	Introduction to Arabic Language - II					
	26UMMLL21	Prose, Composition & Translation					
Part - II							
English - II	26UENLL21	General English - II	6	25	75	100	3
Part - III							
Core - III	26UECCC21	Micro Economics - II	4	25	75	100	4
Core - IV	26UECCC22	Economic Statistics - II	4	25	75	100	4
Core - V	26UECCC23	Principles of Management	4	25	75	100	4
Generic Elective - II	26UHIGE21	Constitution of India	4	25	75	100	3
Generic Elective - III	26UECGE21	Computer Application in Economics	2	25	75	100	2
TOTAL			30				23

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECCC11	MICRO ECONOMICS - I	Core	5	4	25	75	100

Course Objectives		
To enable the students to understand and comprehend the basic concepts of economics and economic theories		
UNIT	Contents	No. of Hours
I	INTRODUCTION Definitions–Scope of Economics–Subdivisions– Economics as Science or Art–Positive or Normative Science–Deductive and Inductive Analysis.	15
II	DEMAND AND SUPPLY ANALYSIS Meaning–Law of demand – Demand Schedule - Demand curve - Reasons for the downward slope of the demand curve - Types of Demand-Determinants of Demand and Exceptional Demand Curve - Law of Supply	18
III	ELASTICITY OF DEMAND Meaning – Types of Elasticity of Demand: Income, Price and Cross Elasticity of demand - Measurement: Percentage Method, Total Outlay Method, Point elasticity and Arc elasticity–Factors Determining elasticity of demand.	15
IV	CONSUMPTION ANALYSIS Cardinal Utility Approach: Law of Diminishing Marginal Utility – Law of Equi-Marginal Utility–Consumer’s Surplus. Ordinal Utility Approach: Indifference Curve Analysis-Properties – Consumer’s Equilibrium	15
V	PRODUCTION ANALYSIS Meaning of Production – Land, Labour, Capital and Organization and their Features –Division of Labour – Functions of Entrepreneur – Law of Variable Proportions – Law of Return to Scale.	12
Total		75
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Understand the meaning of basic concepts and the need for the study of Microeconomics.	K1,K2,K3,K4
2	Evaluate the Types of Demand and Consumer Behaviour.	K1,K2,K4
3	Acquire knowledge on Market Elasticity	K1,K2,K3
4	Know the meaning of Consumer’s Equilibrium	K1,K3,K4
5	Explain the Features of Factors of Production	K2,K3
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Textbooks		

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.	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 th Media Services.
Reference Books	
1.	Micro economic Theory and Policy - Cauvery and others (S.Chand & Co), New Delhi
2.	Micro economics - M. John Kennedy (Himalaya Publishing House)
3.	Modern Economic Theory - K.K.Dewett (S. Chand & Co) New Delhi
4.	Micro economic Theory - M.L.Jhingan (Vikas Publishing House) New Delhi
e-Resources	
1.	http://www.econlib.org/library/enc/microeconomics.html

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	3	3	3
C02	3	3	3	3	3
C03	3	3	3	3	3
C04	3	3	3	3	2
C05	2	2	2	2	2

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	3	3	3	2	2
C02	3	3	2	2	2
C03	3	3	3	3	3
C04	3	3	3	2	2
C05	3	3	3	2	2

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Introduction to Economics	3
1.2	Definition of Economics	4
1.3	Nature and Scope of Economics	4

1.4	Basic concepts	4
UNIT - II		
2.1	Meaning of Demand	2
2.2	Law of demand	2
2.3	Reasons for the downward Slope of the demand curve	3
2.4	Exceptional Demand Curve	3
2.5	Determinants of Demand	3
2.6	Consumer's Surplus	3
2.7	Law of Supply	2
UNIT - III		
3.1	Types of Elasticity of Demand	5
3.2	Method of Measuring Elasticity of Demand	5
3.3	Factors Determining Elasticity of Demand.	5
UNIT - IV		
4.1	Cardinal Utility Approach: Law of Diminishing Marginal Utility	3
4.2	Cardinal Utility Approach	3
4.3	Ordinal Utility Approach	3
4.4	Properties of Indifference Curve	3
4.5	Consumer's Equilibrium	3
UNIT - V		
5.1	Features of Factors of Production	3
5.2	Functions of Entrepreneur	3
5.3	Laws of Returns	3
5.4	Law of Variable Proportions.	3
Total		75

Course Designer

Name: Dr.G. RAMANAN

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECCC12	ECONOMIC STATISTICS - I	Core	5	4	25	75	100

Course Objectives		
To enable the students to understand and comprehend the basic concepts of statistics and its application in economics		
UNIT	Contents	No. of Hours
I	STATISTICS Meaning-Definition-Characteristics-Importance-Functions-Statistics and Economics – Limitations	15
II	SAMPLING Meaning - Essentials - Methods of Sampling - Merits and Demerits of Sampling – Sampling errors - Census Vs Sampling Methods.	15
III	MEASURES OF CENTRAL TENDENCY OF AVERAGES Characteristics of a Good Average - Arithmetic Mean - Median- Mode.	15
IV	MEASURES OF DISPERSION Range-Quartile Deviation-Mean Deviation-Standard Deviation - Variance.	15
V	SKEWNESS Meaning of Skewness Measurement-Coefficient of Skewness-Karl Pearson's Method, Bowley's Method and Kelly's Method. Kurtosis: Meaning – Measurement of Kurtosis (Formula Only).	15
Total		75
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Understand fundamentals of statistics and basic knowledge of Statistical tools.	K1,K2
2	Differentiate types of sampling techniques and know the practical difficulties in sampling studies	K2
3	Explain the concept of Averages and its application	K1,K2,K4
4	Know the concept of Dispersion and its applications	K1,K2, K3,K4
5	Define Skewness and Kurtosis	K1,K2, K3
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Textbooks		
1.	Pillai R.S.N.& Bhagavati V. <i>Statistics Theory and Practice</i> ,Chand &CoLtd., New Delhi, 2015	
2.	Gupta G.P. - <i>Statistical Methods and Applications</i> , Sultan Chand and sons, New Delhi 2015	
Reference Books		
1.	D.C. Sanchati & V.K.Kapoor, <i>Statistics, Methods and Application</i> –Sultan Chand & Sons 2015	
2.	R.S.N.Pillai & Bhagavathi, <i>Statistics</i> , S.Chand & co. 2016	

3.	S.P.Gupta, Statistical Methods , Sultan Chand & Sons, 2016
e-Resources	
1.	https://www.cuemath.com/data/statistics/

Mapping with Programme Outcomes:

CO /PO	PO1	PO2	PO3	PO4	PO5
CO1	3	3	1	3	3
CO2	3	3	1	3	3
CO3	3	3	2	3	3
CO4	3	3	2	3	3
CO5	3	3	2	3	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	3
CO2	3	3	1	3	3
CO3	3	3	2	3	3
CO4	3	3	2	3	3
CO5	3	3	2	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Meaning and Definition of Statistics	3
1.2	Characteristics	3
1.3	Importance	2
1.4	Functions	2
1.5	Statistics and Economics	3
1.6	Limitations	2
UNIT - II		
2.1	Sampling and Essentials	3
2.2	Objectives	3
2.3	Methods of Sampling	3
2.4	Merits and Demerits of Sampling	2
2.5	Sampling errors	2
2.6	Census Vs Sampling Methods	2
UNIT - III		
3.1	Measures of Central Tendency or Averages	5

3.2	Arithmetic Mean	4
3.3	Median and Mode	6
UNIT - IV		
4.1	Measures of Dispersion- Range	3
4.2	Quartile Deviation	4
4.3	Mean Deviation	3
4.4	Standard Deviation	3
4.5	Variance	2
UNIT - V		
5.1	Meaning of Skewness	2
5.2	Coefficient of Skewness	2
5.3	Karl Pearson`s Method	2
5.4	Bowley`s Method	2
5.5	Kelly`s Method	2
5.6	Meaning of Kurtosis	2
5.7	Measurement of Kurtosis(Formula Only).	3
Total		75

Course Designer

Name: Dr.M. NIZAM MYDEEN

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UHIGE11	FREEDOM STRUGGLE IN INDIA	Generic Elective - I	4	3	25	75	100

Course Objectives		
To make the students to understand the Nature and Growth of the Nationalism in India and different phases of Indian National Movement.		
UNIT	Contents	No. of Hours
I	South Indian Rebellion (1800 - 1801) – Vellore Mutiny (1806) – The Great Revolt of 1857 – Queen’s Proclamation – Transfer of Power from Company to Crown – Socio-Religious Reforms Movements: Brahmo Samaj – Aarya Samaj – Prarthana Samaj – Ramakrishna Mission.	12
II	Indian National Congress – Moderates – Extremists – Partition of Bengal – Swadeshi Movement – Birth of Muslim League – Surat Split – Minto – Morely Reforms – Communal Electorate – Home Rule Movement – Montague – Chelmsford Reforms – Dyarchy.	12
III	Jallianwala Bagh Massacre – Non-Cooperation Movement – Swaraj Party – Simon Commission – Civil – Disobedience Movement – Gandhi – Irwin Pact – Round Table Conference – Communal Award – Act of 1935 – Provincial Autonomy – 1937 Election – Cripps Mission – Quit India Movement	12
IV	Rise and Growth of Revolutionary Movements in 19th Century – Bhagat Singh – Chandrashekar Azad – Ramprasad Bismil – Role of Communists.	12
V	Subash Chandra Bose and Indian National Army – Simla Conference – Cabinet Mission – Mountbatten Plan – Partition of India	12
Total		60
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Explain the early rebellion movements and the Socio-Religious Reforms Movements in India.	K1, K2,K3, K4
2	Compare the contrast between the Moderates and Extremists.	K1, K2,K3, K4
3	Elucidate Gandhi’s leadership and transforming India’s freedom struggle based on Mass Movements.	K1, K2,K3, K4
4	Describe the importance of the revolutionaries in the Freedom Movement in India.	K1, K2,K3, K4
5	Discuss the importance of INA and consequences of partition of India	K1, K2,K3, K4
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Textbooks		
1.	Bipan Chandra., <i>History of Modern India</i> , Orient Black Swan Publications, New	

	Delhi, 2012.
2.	Bipan Chandra., <i>Nationalism and Colonialism in Modern India</i> , New Delhi: Orient Blackswan Private Limited, New Delhi, 1981.
3.	Bipan Chandra., <i>Amales Tripathi and Barun De., Freedom Struggle</i> , National Book Trust, New Delhi, 2011
4.	Bipan Chandra., <i>India's Struggle for Independence</i> , Penguin Random House, India,2016.
5.	Kenneth W. Jones (eds)., <i>The New Cambridge History of India:III Socio Religious reform Movements in British India</i> , Cambridge University Press,1989.
6.	Ranjan Chakrabarti., <i>A New History of Modern India: An Outline</i> , Surjeeth Publications, 2019.
7.	Sumit Sarkar., <i>Modern India 1885-1947</i> , Macmillan India Limited, New Delhi, 2000
8.	M.P. Sivagananam., <i>Viduthali Poratathil Tamilagam</i> , 2 Volumes (in Tamil).
9.	G. Venkatesan., <i>History of Freedom Struggle</i> , V.C. Publications, 2018
Reference Books	
1.	AparnaBasu., <i>Essays in the History of Indian Education</i> , Concept Publishing Co., New Delhi, 1982.
2.	Bala Jeyaraman., <i>Periyar: A Political Biography of EV Ramasamy</i> , Rupa and Co.,2013.
3.	Judith Margaret Brown., <i>Gandhi's Rise to Power</i> , Cambridge University Press, Cambridge,1972.
4.	Mushirul Hasan., <i>India's Partition: Process, Strategy and Mobilisation. (Themes in Indian History)</i> , Oxford University Press, New Delhi,1997.
5.	Percival Spear., <i>The Oxford History of Modern India 1740-1947</i> , Clarendon Press, Oxford, 1965.
6.	Shekhar Bandyopadhyay., (ed)., <i>Nationalist Movement in India: A Reader</i> , Oxford University Press, New Delhi, 2008.
7.	Sugata Bose and Ayesha Jalal., <i>Modern South Asia: History, Culture, Political Economy</i> , Routledge, London, 2011.

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	2	3	3	1	3
C02	3	3	2	3	3
C03	3	2	3	3	1
C04	1	3	3	2	3
C05	3	3	1	3	2

Strong-3

Medium-2

Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	3	1	3
CO2	3	3	2	3	3
CO3	3	2	3	3	1
CO4	1	3	3	2	3
CO5	3	3	1	3	2

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	South Indian Rebellion (1800 - 1801) – Vellore Mutiny (1806)	3
1.2	The Great Revolt of 1857	3
1.3	Queen's Proclamation – Transfer of power from Company to Crown	3
1.4	Socio-Religious Reforms Movements: Brahmo Samaj – Aarya Samaj – Prarthana Samaj – Ramakrishna Mission.	3
UNIT - II		
2.1	Indian National Congress – Moderates – Extremists	3
2.2	Partition of Bengal – Swadeshi Movement	3
2.3	Birth of Muslim League – Surat Split – Minto – Morely Reforms – Communal Electorate	3
2.4	Home Rule Movement – Montague – Chelmsford Reforms – Dyarchy.	3
UNIT - III		
3.1	Jallianwala Bagh Massacre – Non-Cooperation Movement	3
3.2	Swaraj Party – Simon Commission – Civil – Disobedience Movement	3
3.3	Gandhi – Irwin Pact – Round Table Conference – Communal Award	3
3.4	Act of 1935 – Provincial Autonomy – 1937 Election – Cripps Mission - Quit India Movement	3
UNIT - IV		
4.1	Rise and Growth of Revolutionary Movements in 19 th Century	4
4.2	Bhagat Singh – Chandrashekar Azad – Ramprasad Bismil	4
4.3	Role of Communists.	4
UNIT - V		

5.1	Subash Chandra Bose and Indian National Army	4
5.2	Simla Conference – Cabinet Misson	4
5.3	Mountbatten Plan – Partition of India	4
Total		60

Course Designer

Name: Mr. F. MOHAMED KHAN

Assistant Professor of History

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECFN11	ELEMENTARY ECONOMICS	Foundation Course (SEC)(MCQ)	2	2	25	75	100

Course Objectives		
To produce graduates with broad knowledge in economics and expose the students with the economic way of thinking		
UNIT	Contents	No. of Hours
I	INTRODUCTION Economics – Meaning and Definition – Economics is an Art or Science – Scope of Economics – Basic concepts: Wants, Utility, Wealth	6
II	DEMAND AND SUPPLY Demand – Meaning, Types – Law of Demand – Elasticity of Demand. Supply – Meaning - Law of Supply	6
III	NATIONAL INCOME National Income – Meaning – Concepts: GDP, GNP, NNP, PCI Methods of Measuring National Income – Difficulties of Measuring National Income.	6
IV	MONEY Money – Meaning and Definition – Evaluation of money – Functions of money – Types of money – Inflation and Deflation.	6
V	ECONOMIC SYSTEMS Capitalism – Meaning – Features – Merits and demerits. Socialism - Meaning – Features – Merits and demerits - Mixed economic system.	6
Total		30
Course Outcomes		Knowledge Level
CO	On completion of this course, students will be able to	
1	Understanding the basic concepts in Economics	K1,K2,K3,K4
2	Gain the knowledge of Demand and supply function	K1,K2,K3,K4
3	Understand and analyzing the national income and its calculation	K1,K2,K3,K4
4	Gain the knowledge of money and its function	K1,K2,K3,K4
5	Understand and evaluate the economic systems	K1,K2,K3,K4
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Text books		
1.	Modern Micro Economics – M.L.Jhingan	
2.	Macro Economics – M.L.Jhingan	
3.	Indian Economy – Aswin Magajan and Guarau Datt	
Reference Books		
1.	Hai. R. Varian, Intermediate Micro Economics – Modern Approach, W.W.Narton & Company	

2.	Dwivedi, Micro Economic Theory and Applications, Pearson
3.	Macro Economics - M.L. Jing an, Konark Publishers Pvt.Ltd, New Delhi
4.	Economics of development and Planning- M.L.Taneja and R.M. Myer,Vishal Publication co.

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	3	2	1
C02	3	2	3	1	3
C03	2	3	1	3	3
C04	3	2	3	3	1
C05	3	2	3	1	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	3	2	2	3	3
C02	3	1	2	3	2
C03	2	3	1	2	3
C04	2	3	3	2	1
C05	3	3	2	2	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Economics – Meaning and Definition	2
1.2	Economics is an Art or Science – Scope and Importance of Economics	2
1.3	Basic concepts: Wants, Utility, Wealth	2
UNIT - II		
2.1	Meaning and Types of Demand	2
2.2	Law of Demand and Elasticity of Demand.	2
2.3	Meaning and Law of Supply	2
UNIT - III		
3.1	Meaning of National Income	2
3.2	Methods of Measuring National Income	2
3.3	Difficulties of Measuring National Income	2
UNIT - IV		

4.1	Meaning and definition of Money	2
4.2	Evaluation of money and Functions of money	2
4.3	Types of money and Inflation and Deflation	2
UNIT - V		
5.1	Features, Merits and demerits of Capitalism	2
5.2	Features, Merits and demerits of Socialism	2
5.3	Mixed economic system	2
Total		30

Course Designer

Name: Dr.V. PARAMASIVAN

Assistant Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECCC21	MICRO ECONOMICS - II	Core - III	4	4	25	75	100

Course Objectives

The emphasis will be on giving conceptual clarity to the student. It covers cost and revenue analysis, imperfect markets and theories of factor pricing

UNIT	Contents	No. of Hours
I	COST AND REVENUE ANALYSIS Meaning of Cost–Cost Concepts: AC,MC,TC–Fixed Cost and Variable Cost–Short-run and Long-run Cost Curve–Relationships between Total Cost, Average cost and Marginal Cost - Meaning of Revenue – Total Revenue, Average Revenue and Marginal.	12
II	PRICING UNDER PERFECT COMPETITION AND MONOPOLY Perfect Competition – Meaning– Features of Perfect competition– Price and Output determination under perfect competition. Monopoly - Meaning – Features – Price determination under Monopoly – Price discrimination.	12
III	PRICING UNDER MONOPOLISTIC COMPETITION AND OLIGOPOLY Monopolistic Competition: Meaning – Features – Price and Output determination under Monopolistic competition– Product differentiation. Oligopoly: Meaning–Features of Oligopoly– Kinked Demand Curve.	12
IV	DISTRIBUTION-I Meaning of Distribution– General Theory of Distribution – Ricardian Theory of Rent– Quasi rent– Meaning of Wage– Subsistence Theory - Wage Fund theory, Trade union and wages	12
V	DISTRIBUTION-II Meaning of Interest–Loanable Fund Theory–Liquidity Preference Theory–Meaning of Profit–Risk, Uncertainty and Innovation theories of Profit	12
Total		60

Course Outcomes

Knowledge Level

CO	On completion of this course, students will	Knowledge Level
1	Understand the equilibrium conditions in Perfect Competition.	K1,K2,K3
2	Analyze the equilibrium conditions under Monopoly Market Structure.	K1,K3,K4
3	Describe the Market Equilibrium under Monopolistic and meaning of Oligopoly Market.	K1,K2,K4
4	Know the importance of theories of Rent and Wages	K1,K2,K3,K4
5	Outline the importance of theories of Interest and Profit	K1,K2,K3

K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze	
Textbooks	
1.	Microeconomics – Maria John Kennedy(Himalaya Publications)
2.	Principles of Economics – S.Loganathan (S. chand &Co)
3.	Walter Nicholson and Christopher Snyder, Micro Economic Theory - Basic Principles And Extensions, Cengage Learning India Pvt Ltd,12 th Edition, 2016.
4.	Paul Krugman and Robin Wells, Microeconomics ,Worth Publishers,2020.
5.	Timothy Taylor, Steven A Green law and David Shapiro(2017) Principles of Economics ,12 th Media Services.
Reference Books	
1.	Koutsoyiannis (2003), Modern Microeconomics , Palgrave Macmillan (UK) 2 nd Edition.
2.	Gregory Mankiw(2012), Principles of Microeconomics Cengage India.
3.	Case & Fair, Principles of Economics , Myeconlabseries 8 th Edn.
4.	Modern Economic Theory – Dewett, K.K.(S. Chand & Co)
5.	Advanced Economic Theory –H.L. Ahuja (S. Chand &Co)
e-Resources	
1.	https://open.umn.edu/opentextbooks/subjects/economics

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	3	3	3
C02	3	3	3	3	3
C03	3	3	3	3	3
C04	3	3	3	3	2
C05	2	3	2	3	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
C01	3	3	3	3	2
C02	3	3	3	2	2
C03	3	3	3	2	3
C04	3	3	3	2	2
C05	3	3	3	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Meaning of Cost and Cost Concepts: AC, MC, TC	2
1.2	Fixed Cost and Variable Cost	2
1.3	Short-run and Long-run Costcurve	2
1.4	Relationships between Average Cost and Marginal Cost	3
1.5	Total Revenue, Average revenue, and Marginal Revenue under perfect Competition and Imperfect Competition.	3
UNIT - II		
2.1	Perfect competition and its features	1
2.2	Price and Output determination under Perfect Competition	2
2.3	Equilibrium of the firm and industry in the short-run and long-run	2
2.4	Meaning of Monopoly	1
2.5	Tyes of Monopoly	2
2.6	Price and Output determination under Monopoly	2
2.7	Price Discrimination	2
UNIT - III		
3.1	Features of Monopolistic Competition	3
3.2	Price determination under Monopolistic Competition	3
3.3	Characteristics of Oligopoly	3
3.4	Kinked Demand Curve Model	3
UNIT - IV		
4.1	General theory of Distribution	2
4.2	Ricardian theory of Rent	2
4.3	Quasi Rent	2
4.4	Subsistence Theory	2
4.5	Wage Fund Theory	2
4.6	Trade Union and Wage	2
UNIT - V		
5.1	Lonable fund Theory	3
5.2	Liquidity Preference Theory of Interest	3
5.3	Risk and Uncertainty theory of Profit	3
5.4	Innovation theory of Profit	3
Total		60

Course Designer

Name: Dr.G. RAMANAN

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECCC22	ECONOMIC STATISTICS - II	Core - IV	4	4	25	75	100

Course Objectives		
To enable the students to understand and comprehend the basic concepts of statistics and its application in economics.		
UNIT	Contents	No. of Hours
I	CORRELATION Meaning - Types - Methods of Measuring Correlation: Scatter diagram - Karl Pearsons's Coefficient of Correlation (Algebraic Method) - Spearman's Rank method - Concurrent deviation method.	12
II	REGRESSION Meaning - Difference between Correlation and Regression - Regression lines - Regression Equation - Regression Co-efficient.	12
III	INDEX NUMBER Meaning - Definition - Uses - Types - Methods of constructing Index numbers - Tests of Consistency of Index numbers - Time Reversal Vs Factor Reversal Test - Fixed base Vs Chain base Index number - Cost of living Index number: Meaning - Uses - Methods of its Construction.	12
IV	TIME SERIES Meaning - Uses - Components - Methods of measuring Secular trend - Graphic method - Semi Average method - Moving Average Method - Merits and Demerits of Trend.	12
V	ASSOCIATION OF ATTRIBUTES Difference between Correlation and Association of attributes - Association Vs Disassociation - Co-efficient of Association : Yule's Co-efficient of Association	12
Total		60
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Calculate and interpret the Correlation between two variables	K1,K2,K4
2	Estimate the values using regression analysis	K1,K2,K3
3	Identify the various methods of Index numbers	K1,K2, K3,K4
4	Gain knowledge about various measurement of trend like Semi average, Moving average and Least square	K1,K2, K3
5	Understand the association between the attributes.	K1,K2, K3
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Textbooks		
1.	Pillai R.S.N.& Bhagavati V. <i>Statistics Theory and Practice</i> , Chand &Co Ltd., New Delhi, 2015	

2.	Gupta G.P. Statistical Methods and Applications , Sultan Chand and sons, New Delhi 2014
Reference Books	
1.	R.S.N.Pillai&Bhagavathi, Statistics ,S.Chand&co.2016
2.	B.N. Asthana, Elements of Statistics , Chaithanya publishing House, Allahabad.2015
3.	S.P.Gupta, StatisticalMethods ,Sultan Chand & Sons,2016
4.	D.C.Sanchati&V.K.Kapoor, Statistics,Methods and Application ,Sultan Chand &Sons 2015
e-Resources	
1.	https://stattrek.com/statistics/resources

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	2	3	3	3
C02	3	3	1	2	1
C03	1	3	2	3	3
C04	3	2	1	1	3
C05	2	3	2	3	2

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PS01	PS02	PS03	PS04	PS05
C01	2	3	2	2	2
C02	2	2	1	3	2
C03	2	2	3	2	2
C04	2	3	1	2	2
C05	3	2	3	2	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Meaning and Types	2
1.2	Scatter diagram	2
1.3	Karl Pearson's Co efficient of Correlation(Algebraic Method)	4
1.4	Spearman's Rank method.	2
1.5	Concurrent deviation method	2
UNIT - II		
2.1	Meaning of Regression	2

2.2	Difference between Correlation and Regression	2
2.3	Regression lines	2
2.4	Regression Equation	3
2.5	Regression Co-efficient	3
UNIT - III		
3.1	Meaning- Definition	1
3.2	Uses and Types	1
3.3	Methods of constructing Index numbers	2
3.4	Tests for index numbers – Time Reversal Vs Factor Reversal Test	2
3.5	Fixed base Vs Chain base index number	2
3.6	Cost of living index number: Meaning	2
3.7	Uses-Methods of its Construction.	2
UNIT - IV		
4.1	Time Series: Meaning	2
4.2	Components	3
4.3	Methods of measuring secular trend	5
4.4	Merits and demerits of Trend	2
UNIT - V		
5.1	Association Of Attributes	4
5.2	Association Vs Disassociation	4
5.3	Yule's Co-efficient of Association.	4
Total		60

Course Designer

Name: Dr.M. NIZAM MYDEEN

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECCC23	PRINCIPLES OF MANAGEMENT	Core - V	4	4	25	75	100

Course Objectives		
To understand the basic management concepts of planning , decision making , organization structure		
UNIT	Contents	No. of Hours
I	INTRODUCTION TO MANAGEMENT Meaning- Definitions – Nature and Scope - Levels of Management – Importance - Management Vs. Administration – Management: Science or Art –Evolution of Management Thoughts – F. W. Taylor, Henry Fayol, Peter F.Drucker –Functions of Management- Managers – Qualification – Duties & Responsibilities.	12
II	PLANNING PROCESS Planning – Meaning – Definitions – Nature – Scope and Functions – Importance and Elements of Planning – Types –Planning Process – Tools and Techniques of Planning–Management by Objective(MBO).	12
III	ORGANIZING FRAME Organization - Meaning - Definitions - Nature and Scope – Characteristics – Importance – Types - Formal and Informal Organization –Organization Structure: Meaning and Types- Departmentalization– Authority and Responsibilities.	12
IV	STAFFING RECRUITMENT Introduction - Concept of Staffing- Staffing Process – Recruitment – Sources of Recruitment – Modern Recruitment Methods - Selection Procedure – Test- Interview– Training: Need - Types– Promotion – Performance Appraisal.	12
V	CO- ORDINATION AND CONTROL Leadership –Nature –TypesandTheoriesofLeadership–QualitiesofaGoodLeader–Co-ordinationandControl: Co-ordination – Meaning - Techniques of Co-ordination- Control - Characteristics - Importance – Stages in the Control Process.	12
Total		60
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Demonstrate the importance of principles of management	K1,K2,K3,K4
2	Paraphrase the importance of planning functions and planning, types, process	K1,K2,K3,K4
3	Comprehend the concept of organization, nature, scope, characteristics and organization structure	K1,K2,K3,K4
4	Enumerate the staffing, meaning and process. Methods, procedure, performance appraisal	K1,K2,K3,K4

5	Demonstrate the notion of co-coordination and control in the management, types, theories	K1,K2,K3,K4
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Textbooks		
1.	Gupta.C.B, - <i>Principles of Management</i> -L.M. Prasad, S.Chand& Sons Co. Ltd, New Delhi.	
2.	DinkarPagare, <i>Principles of Management</i> , Sultan Chand & Sons Publications, New Delhi.	
3.	P.C. Tripathi & P.N Reddy, <i>Principles of Management</i> . Tata McGraw, Hill, Noida	
4.	L.M. Prasad, <i>Principles of Management</i> , S.Chand&Sons Co. Ltd, New Delhi	
5.	R.K. Sharma, Shashi K. Gupta, Rahul Sharma, <i>Business Management</i> , Kalyani Publications, New Delhi.	
Reference Books		
1.	K Sundhar, <i>Principles Of Management</i> , Vijay Nichole Imprints Limited, Chennai	
2.	Harold Koontz, Heinz Weirich, <i>Essentials of Management</i> , McGraw Hill, Sultan Chand and Sons, New Delhi	
3.	Griffin, <i>Management principles and applications</i> , Cengage learning, India	
e-Resources		
1.	https://www.wordstream.com/learn	

Mapping with Programme Outcomes:

CO /PO	PO1	PO2	PO3	PO4	PO5
C01	3	2	2	3	3
C02	3	2	3	3	2
C03	3	2	2	3	2
C04	3	2	2	3	2
C05	3	2	3	3	2

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	3	2	2	3	3
C02	3	2	3	3	2
C03	3	2	2	3	2
C04	3	2	2	3	2
C05	3	2	3	3	2

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Meaning- Definitions – Nature and Scope	2
1.2	Levels of Management – Importance	2
1.3	Management Vs. Administration – Management: Science or Art	2
1.4	Evolution of Management Thoughts	2
1.5	F. W. Taylor, Henry Fayol, Peter F.Drucker –Functions of Management	2
1.6	Managers – Qualification– Duties & Responsibilities.	2
UNIT - II		
2.1	Planning – Meaning – Definitions – Nature – Scope and Functions	3
2.2	Importance and Elements of Planning	2
2.3	Types –Planning Process	2
2.4	Tools and Techniques of Planning	3
2.5	Management by Objective (MBO).	2
UNIT - III		
3.1	Meaning - Definitions - Nature and Scope – Characteristics	4
3.2	Importance – Types - Formal and Informal Organization	4
3.3	Organization Structure: Meaning and Types- Departmentalization– Authority and Responsibilities	4
UNIT - IV		
4.1	Introduction - Concept of Staffing- Staffing Process	2
4.2	Recruitment – Sources of Recruitment	2
4.3	Modern Recruitment Methods - Selection Procedure	3
4.4	Test- Interview– Training: Need	2
4.5	Types– Promotion –Performance Appraisal	3
UNIT - V		
5.1	Leadership –Nature	2
5.2	Type and Theories of Leadership–Qualities of a Good Leader	2
5.3	Co-ordination and Control. Co-ordination – Meaning	2
5.4	Techniques of Co-ordination	2
5.5	Control-characteristics - Importance	2
5.6	Stages in the control process	2
Total		60

Course Designer

Name: Dr.A. ABDUL HAMEED

Associate Professor of Economics

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UHIGE21	CONSTITUTION OF INDIA	Generic Elective - II	4	3	25	75	100

Course Objectives

The course has been designed to cover the journey of India to emerge as a Republic and to enable the students to familiarize the key concepts of Indian Constitution and Political Institutions that are operated under the Indian Constitution.

UNIT	Contents	No. of Hours
I	Introduction: Constitutional Making – Constituent Assembly – Composition – Constitution – Preamble – Salient features.	12
II	Rights and Duties: Fundamental Rights – Fundamental Duties – Directive Principles of State Policy – Lok Sabha – Rajya Sabha.	12
III	Union and State Governments: President – Prime Minister – Council of Ministers – Governor – Chief Minister – Council of Ministers (State)	12
IV	Judiciary: Supreme Court – High Court – Composition – Powers and Functions – Collegium – Judicial Review – Judicial Activism	12
V	Electoral Process and Commissions: Election Commission – Composition – Powers and Functions – Electoral Reforms – National Human Rights Commission – Comptroller and Auditor General of India	12
Total		60

Course Outcomes

Knowledge Level

CO	On completion of this course, students will	Knowledge Level
1	Understand the various features of Indian Constitution	K1, K2, K4
2	Explain the nature of rights and duties of Indian citizens	K1, K3
3	Analyse the functions of Union and State Governments	K1, K2, K4
4	Describe the importance of Judicial system in India	K1, K2
5	Measure the functions of Election Commission of India	K1, K2, K3

K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze

Textbooks

1.	Durga Das Basu, <i>Introduction to the Constitution of India</i> , Gurgaon; Lexis Nexis, (23 rd edn.) 2018.
2.	M.V.Pylee, <i>India's Constitution</i> , New Delhi; S.Chand Pub., (16 th edn.) 2017.
3.	J.N.Pandey, <i>The Constitutional Law of India</i> , Allaha bad ; Central Law Agency, (55 th edn.) 2018.

Reference Books

1.	K. Sharma, <i>Introduction to the Constitution of India</i> , Prentice Hall of India, New Delhi, 2002.
2.	P.M. Bakshi, <i>Constitution of India</i> , Universal Law Publishing House, New

	Delhi,1999.
3.	D.C.Gupta, <i>Indian Government and Politics</i> ,Vikas publishing House, New Delhi, 1975.
4.	S.N.Jha, <i>Indian Political System,: Historical Developments</i> , Ganga Kaveri Publishing House, Varanasi,2005.
5.	Arora&Mukherji, <i>Federalism in India, Origin and Developments</i> ,VikasPublishingHouse,New Delhi,1992

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	2	3	1
C02	3	1	3	3	2
C03	3	3	3	2	3
C04	2	3	1	3	3
C05	3	2	3	1	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	3	2	3	1
C02	3	2	3	1	2
C03	3	3	3	3	3
C04	3	1	3	3	3
C05	1	3	3	2	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Introduction: Constitutional Making	3
1.2	Constituent Assembly	2
1.3	Composition	2
1.4	Constitution - Preamble	3
1.5	Salient features	2
UNIT - II		
2.1	Rights and Duties: Fundamental Rights	3
2.2	Fundamental Duties	3
2.3	Directive Principles of State Policy	3
2.4	Lok Sabha - Rajya Sabha.	3
UNIT - III		

3.1	Union and State Governments: President	3
3.2	Prime Minister – Council of Ministers	3
3.3	Governor	3
3.4	Chief Minister – Council of Ministers (State)	3
UNIT - IV		
4.1	Judiciary: Supreme Court - High Court – Composition	3
4.2	Powers and Functions	3
4.3	Collegium	3
4.4	Judicial Review – Judicial Activism	3
UNIT - V		
5.1	Electoral Process and Commissions: Election Commission – Composition	3
5.2	Powers and Functions – Electoral Reforms	3
5.3	National Human Rights Commission	3
5.4	Comptroller and Auditor General of India	3
Total		60

Course Designer

Name: Dr. M. AMZAD ALI

Assistant Professor of History

Course Code	Course Title	Category	Hours	Credits	Marks		
					CIAE	TEE	Total
26UECGE21	COMPUTER APPLICATION IN ECONOMICS	Generic Elective - III	2	2	25	75	100

Course Objectives		
To Understand basic components of Computer and its functions		
UNIT	Contents	No. of Hours
I	INTRODUCTION TO COMPUTER Basic Computer Terminology, Generations of Computer - Components of Computer	6
II	MS WORD AND MS POWERPOINT MS Word: Editing - Formatting – Creation of Tables, Inserting Page Numbers and Footnotes. MS Power Point: Creating and Saving - Slide Show and Animations	6
III	MS EXCEL Creation of Worksheets- Data Entry-Formatting – Operators: Arithmetic, Comparison and Logical Operators – Formatting of Text, Tables and Graphs	6
IV	DESCRIPTIVE STATISTICS USING EXCEL Mean, Media and Mode – Standard Deviation – Variance	6
V	CORRELATION AND REGRESSION USING EXCEL Application of Simple and Partial Correlation and Multiple Correlation- Regression	6
Total		30
Course Outcomes		Knowledge Level
CO	On completion of this course, students will	
1	Understand basic components of Computer and its functions.	K1,K2
2	Gain Knowledge of MS Office.	K1,K2,K3
3	Understand basic Operation in MS Excel.	K1,K2, K3
4	Apply MS Excel in Statistics	K1,K2, K3,K4
5	Apply SPSS Descriptive in Correlation and Regression	K1,K2, K3,K4
K1-Knowledge, K2-Understand, K3-Apply, K4- Analyze		
Textbooks		
1.	Hem Chand Jain and H.N.Tiwari (2019) <i>Computer Applications In Business</i> , 5th Edition Taxmann Publication.	
2.	Dhanasekaran.K (2010) <i>Computer Applications In Economics</i> , Vrinda Publications.	
3.	Asthana and Braj Bhushan (2007): <i>Statistics for Social Sciences</i> (with SPSS Applications).	
4.	Dan Kookin, “ <i>Word for Dummies</i> ”, Wiley, 2021	
5.	Joseph Muller, “ <i>Statistical Analysis with Excel For Dummies</i> ”, Wiley,2008	
Reference Books		

1.	Oscar Afonso , Paulo B. Vasconcelos, Computational Economics: A Concise Introduction , Routledge; 1 st 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 , Dream Tech

Mapping with Programme Outcomes:

CO /PO	P01	P02	P03	P04	P05
C01	3	3	3	3	3
C02	3	3	3	3	3
C03	3	3	3	3	3
C04	3	3	3	3	2
C05	3	2	2	3	3

Strong-3 Medium-2 Low-1

Level of Correlation between PSO's and CO's

CO /PSO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	2	2	3	3
C02	2	2	2	3	3
C03	2	2	2	3	3
C04	2	2	2	3	3
C05	3	3	3	3	3

Strong-3 Medium-2 Low-1

COURSE CONTENTS AND LECTURE SCHEDULE

Module No.	Topic	No. of Lectures
UNIT - I		
1.1	Introduction to Computer Fundamental: Basic Computer Terminology	3
1.2	Generations of Computer, Components of Computer	3
UNIT - II		
2.1	MS Word: Editing - formatting - creation of tables, inserting page Numbers and footnotes.	3
2.2	MS Power point: Creating and saving - slide show and animations	3
UNIT - III		

3.1	Creation of Worksheets- Data Entry-Formatting	2
3.2	Operators: Arithmetic, Comparison and Logical Operators	2
3.3	Formatting of text, tables and graphs	2
UNIT - IV		
4.1	Mean, Media and Mode	2
4.2	Standard Deviation	2
4.3	Variance	2
UNIT - V		
5.1	Application of simple and partial correlation and Multiple correlation	3
5.2	Regression	3
Total		30

Course Designer

Name: Dr.M. NIZAM MYDEEN

Associate Professor of Economics