DEPARTMENT NAME : ECONOMICS

Programme Name: MSC ECPNOMICS

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VISION

- To emerge as a centre of excellence in economic education and research, fostering analytical thinking, quantitative skills, and policy understanding
- To nurture socially responsible economists and researchers equipped to address national and global economic challenges through innovation and evidence-based solutions
- To promote interdisciplinary learning, inclusive growth, and sustainable development through academic rigor, research, and community engagement.

MISSION

- To impart high-quality education in economics that blends theoretical foundations with practical applications, preparing students for academia, industry, and public policy.
- To promote research and innovation through rigorous training, critical inquiry, and collaboration at national and international levels.
- To develop ethical, analytical, and globally aware graduates committed to contributing toward equitable and sustainable economic development

PROGRAMME EDUCATIONAL OBJECTIVES:

PEO 1: Academic and Professional Excellence

Graduates will demonstrate advanced knowledge of economic theories, quantitative tools, and analytical methods to address real-world economic issues across diverse sectors such as policy, finance, and international trade.

PEO 2: Ethical and Sustainable Leadership

Graduates will apply ethical principles and sustainability perspectives in decision-making, leading teams and institutions responsibly while promoting equity, accountability, and environmental stewardship.

PEO 3: Research and Innovation for Societal Impact

Graduates will engage in independent and collaborative research, leveraging technology and critical thinking to generate innovative solutions that contribute to economic advancement

PROGRAM SPECIFIC OUTCOME (PSOs)

PSO1: **Advanced Economic Theory Application**

Demonstrate the ability to apply advanced economic theories and models to real-world scenarios, utilizing quantitative and qualitative analysis to inform decisions in public policy, international trade, and other sectors.

PSO2: **Analytical Skills Development**

Exhibit strong analytical skills by critically evaluating complex economic issues, synthesizing diverse information sources, and formulating evidence-based arguments that contribute to the understanding of economic policies and practices.

PSO3 : **Ethical and Responsible Economics**

Integrate ethical considerations into economic analysis and decision-making, assessing the social and environmental impacts of economic practices and advocating for policies that promote equity and social welfare.

PROGRAMME OUTCOMES:

. **PO1:Domain Knowledge**

Demonstrate a comprehensive understanding of advanced economic theories, models, and their real-world applications. Analyse economic data and trends to inform decision-making in various sectors, including public policy and international trade.

PO2: Critical Thinking

Evaluate complex economic issues using quantitative and qualitative analysis, fostering an ability to synthesize information from multiple sources. Formulate well-reasoned arguments and critiques of economic policies and practices, supported by empirical evidence.

PO3: Ethical Decision-Making

Apply ethical principles to economic practices, ensuring responsible decision-making that considers social welfare and equity. Assess the implications of economic decisions on different stakeholders, promoting accountability and transparency in economic governance.

PO4:Leadership Skills

Cultivate leadership capabilities to effectively manage teams and projects within economic contexts, fostering collaboration and innovation.

PO5: **Sustainability**

Integrate principles of sustainable development into economic analysis, addressing environmental, social, and economic dimensions of sustainability. Design and evaluate policies that promote long-term economic growth while minimizing ecological impact and enhancing societal well-being.

PO6: Use of Technology

Apply advanced technological tools and software for data analysis, economic modeling, and research, enhancing analytical capabilities. Stay informed about emerging technologies in economics, including data science and digital finance, to innovate and improve economic practices.

PO7: Research Proficiency

Conduct independent research that contributes to the field of economics, demonstrating proficiency in research methodologies and techniques. Present research findings effectively in written and oral formats, contributing to academic discourse and informing policy decisions.

Credit Definition

Type	Duration (in hours)	Credit
Lecture (L)	1	1
Tutorial (T)	1	1
Practical (P)	2	1

Total Credit Distribution for the Entire Programme

Semester	Credits						Credits/Semester
	CC	DSE	Project /Dissertation	GE	SEC	USC	
1	20	0	0	0	1	2	23
2	16	4	0	4	1	2	27
3	16	4	0	0	1	2	23
4	8	4	8	0	0	2	22
Credits/Course	**72**	**20**	**12**	**20**	**12**	**8**	**95**

Category Definition

Definition of Category/Type	Abbreviation
Core Compulsory	**CC**
Discipline Specific Elective	**DSE**
Project/ Dissertation	
Skill Enhancement Courses	**SEC**
Generic Elective	**GE**
University Specific Courses	**SEC**

FIRST YEAR

SEMESTER-I

Sl No	Course Title	Code	Type	Credit	Type		
					L	T	P
1	Advanced Microeconomics		CC	4	3	1	0
2	Advanced Macroeconomics		CC	4	3	1	0
3	History of Economic Thought		CC	4	3	1	0
4	Mathematical Economics		CC	4	3	1	0
5	Contemporary Indian Economy		CC	4	3	1	0
6	Mentored Seminar I		SEC	1	1	0	0
7	Foreign Language I		USC	2	2	0	0
Total Credits				23 Credits			

SEMESTER-II

Sl No	Course Title	Code	Type	Credit	Type		
					L	T	P
1	Economic Growth and Development		CC	4	3	1	0
2	Public Economics		C C	4	3	1	0
3	Basic Econometrics		CC	4	3	1	0
4	Advanced International Trade		CC	4	3	1	0
5	Basic Financial Economics/ Business Analytics/Health Economics		DSE	4	3	1	0

6	Mentored Seminar II		SEC	1	1	0	0
7	Foreign Language II		USC	2	2	0	0
Total Credits				23 Credits			

SECOND YEAR

SEMESTER-III

Sl No	Course Title	Code	Type	Credit	Type		
					L	T	P
1	Software Packages for Economics		CC	4	3	1	0
2	Money & Banking		CC	4	3	1	0
3	Research Methodology for Social Science		CC	4	3	1	0
4	International Finance		CC	4	3	1	0
5	Advance Financial Economics / Advanced Econometrics and Game theory/Health Economics-II		DSE	4	3	1	0
6	Mentored Seminar III		SEC	1	1	0	0
7	Foreign Language III		USC	2	2	0	0
Total Credits				23 Credits			

SEMESTER-IV

Sl No	Course Title	Code	Type	Credit	Type		
					L	T	P
1	Behavioural Economics		CC	4	3	1	0
2	Economics of Social Sector		CC	4	3	1	0
3	Dissertation/Project/Project		Dissertation	8	2	0	0
4	Introduction to Data Science/ Corporate Finance/Environmental Economics		DSE	4	4	0	0
5	Foreign Language IV		SCC	2	2	0	0
Total Credits				22 Credits			

SEMESTER-I

COURSE 1: ADVANCED MICROECONOMICS

COURSE OUTCOMES:

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Summarise advanced microeconomic concepts about the behaviour of economic agents.
(Bloom's Level 2: Understand)

CO2. Implement cost and production theories to solve practical problems across different market models.
(Bloom's Level 3: Apply)

CO3. Differentiate between traditional and modern theories of the firm.
(Bloom's Level 4: Analyse)

CO4. Critique the limitations of neo-classical theory.
(Bloom's Level 5: Evaluate)

CO5. Formulate models to predict economic outcomes under uncertainty, risk, and information asymmetry.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	2	3	2	3	1	2	2	2	1	1
CO2	2	1	1	3	2	2	2	1	3	1
CO3	1	3	2	2	2	1	1	1	1	2
CO4	2	2	2	3	1	2	3	3	1	2
CO5	3	1	3	1	1	2	2	2	2	3

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 2 : ADVANCED MACROECONOMICS

At the end of this course, the students should be able to

CO1. Explain key indicators of macroeconomic activity and the functional relationship between macro variables.
(Bloom's Level 2: Understand)

CO2. Use classical theory to determine equilibrium output.
(Bloom's Level 3: Apply)

CO3. Differentiate between different types of employment under different economic perspectives.
(Bloom's Level 4: Analyse)

CO4. Critique the theories of demand for money under the classical, Keynesian, and Post-Keynesian perspectives.
(Bloom's Level 5: Evaluate)

CO5. Design a macroeconomic stabilisation policy to address economic challenges.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	3	3	2	2	1	1	2	2	3
CO2	3	3	1	2	3	3	3	3	3	1

CO3	2	3	3	1	3	1	3	2	1	2
CO4	1	3	2	1	1	1	1	1	3	1
CO5	1	3	2	2	1	3	3	1	3	1

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 3 : HISTORY OF ECONOMIC THOUGHT

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Recognise major economists and schools of thought.
(Bloom's Level 1: Remember)

CO2. Use historical economic models to interpret the evolution of economic thought.
(Bloom's Level 3: Apply)

CO3. Contrast the analytical foundations of classical and modern schools.
(Bloom's Level 4: Analyse)

CO4. Judge economic doctrines from historical and theoretical perspectives.
(Bloom's Level 5: Evaluate)

CO5. Compose structured arguments tracing the intellectual shifts and socio-political influences in economic thought.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	2	2	2	2	3	3	2	3	3
CO2	3	2	1	2	3	1	1	1	2	2

CO3	2	1	3	3	1	3	3	1	1	1
CO4	3	2	3	1	1	3	3	1	2	1
CO5	3	3	1	1	1	3	2	2	1	1

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 4 : MATHEMATICAL ECONOMICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Recall key mathematical tools and concepts used in economic analysis.
(Bloom's Level 1: Remember)

CO2. Execute optimisation techniques, models, and methods to solve economic problems.
(Bloom's Level 3: Apply)

CO3. Differentiate between linear and non-linear programming approaches.
(Bloom's Level 4: Analyse)

CO4. Check solution methods under varied economic conditions, including exceptions and special cases.
(Bloom's Level 5: Evaluate)

CO5. Formulate mathematical models to represent strategic decision-making problems.
(Bloom's Level 6: Create)

CO5. Formulate mathematical models to represent strategic decision-making problems.
(Bloom's Level 6: Create)

CO4. Check solution methods under varied economic conditions, including exceptions and special cases.
(Bloom's Level 5: Evaluate)

CO5. Formulate mathematical models to represent strategic decision-making problems.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	1	1	3	1	2	1	1	2	2
CO2	3	3	3	1	3	1	1	3	1	3
CO3	2	3	3	1	1	3	3	1	2	2
CO4	1	3	3	3	2	3	3	2	3	1
CO5	3	2	3	1	2	1	2	3	3	1

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 5 : CONTEMPORARY INDIAN ECONOMY

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Identify key structural changes and policy shifts in the Indian economy.
(Bloom's Level 1: Remember)

CO2. Illustrate the usage of relevant economic frameworks to examine fiscal and infrastructural challenges across central and state levels.
(Bloom's Level 3: Apply)

CO3. Compare competing viewpoints on policy and reform using regional and sectoral data.
(Bloom's Level 4: Analyse)

CO4. Appraise the impact of economic reforms on welfare outcomes through case studies and evidence-based tools.
(Bloom's Level 5: Evaluate)

CO5. Produce economic solutions and policy suggestions to address challenges.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	3	1	2	3	2	3	3	3	1
CO2	1	3	2	3	2	3	2	1	1	2
CO3	3	2	2	3	2	2	2	2	3	3
CO4	2	1	2	3	3	1	3	3	3	1
CO5	2	3	1	2	2	2	2	1	3	2

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 6 : Mentored Seminar I

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Identify and select relevant economic themes and research areas for academic discussion.
(Bloom's Level 2: Understand)

CO2. Demonstrate comprehension of key theoretical and empirical literature related to chosen seminar topics.
(Bloom's Level 3: Apply)

CO3. Develop analytical and presentation skills through structured academic discussions and reviews.
(Bloom's Level 4: Analyse)

CO4. Engage in critical dialogue, providing and receiving constructive feedback on economic research.
(Bloom's Level 5: Evaluate)

CO5. Prepare and present a well-organized seminar paper reflecting independent thought and scholarly rigor.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**	**PSO3**
CO1	1	2	3	2	3	2	1	3	3	2
CO2	2	3	2	3	3	1	2	1	3	1
CO3	3	2	2	1	3	2	3	2	1	1
CO4	3	3	3	1	2	1	1	3	3	2
CO5	1	2	1	2	2	1	1	3	2	3

SEMESTER-II

COURSE1: ECONOMIC GROWTH AND DEVELOPMENT

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the evolution of development thought through major classical and neoclassical growth theories.
(*Bloom's Level 2: Understand*)

CO2. Employ trade and development frameworks to interpret the experiences of developing economies.
(*Bloom's Level 3: Apply*)

CO3. Investigate the functioning of factor markets.
(*Bloom's Level 4: Analyse*)

CO4. Assess the sectoral contributions of agriculture, industry, and services to economic development.
(*Bloom's Level 5: Evaluate*)

CO5. Construct inclusive development strategies.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	3	3	2	1	2	2	1	1	3
CO2	2	3	3	3	2	2	2	1	1	2
CO3	3	2	3	1	2	2	1	2	3	3
CO4	2	2	1	2	1	1	3	1	3	2
CO5	1	3	2	3	3	3	1	2	1	3

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 2: PUBLIC ECONOMICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the role and functions of government in addressing market failures.
(*Bloom's Level 2: Understand*)

CO2. Demonstrate the use of public choice frameworks in public decision-making.
(*Bloom's Level 3: Apply*)

CO3. Examine theories of public expenditure, taxation, and public debt.
(*Bloom's Level 4: Analyse*)

CO4. Assess the effectiveness of fiscal policies, budgetary practices, and intergovernmental transfers.
(*Bloom's Level 5: Evaluate*)

CO5. Design policy recommendations for improving fiscal governance.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**

CO1	3	1	3	3	2	3	3	3	3	3
CO2	3	2	1	3	1	2	2	2	3	3
CO3	3	1	3	3	1	1	1	3	2	1
CO4	2	2	1	3	3	3	2	1	2	1
CO5	2	1	3	2	1	3	2	3	1	3

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 3: BASIC ECONOMETRICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain assumptions, estimation techniques, and properties of the simple classical linear regression model.
(*Bloom's Level 2: Understand*)

CO2. Compute estimators and conduct hypothesis testing for single and multiple regression models.
(*Bloom's Level 3: Apply*)

CO3. Investigate the consequences and remedies for econometric issues.
(*Bloom's Level 4: Analyse*)

CO4. Assess the suitability and performance of qualitative response models.
(*Bloom's Level 5: Evaluate*)

CO5. Construct empirical models using real-world datasets.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	3	2	2	1	2	1	2	2	1
CO2	2	1	3	1	2	1	1	3	2	2

CO3	2	1	2	1	2	2	3	3	3	1
CO4	2	3	1	2	1	2	2	2	1	2
CO5	1	3	1	3	2	1	1	2	3	2

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 4: ADVANCED INTERNATIONAL TRADE

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the fundamental theories of international trade within the classical, neoclassical, and modern frameworks.
(*Bloom's Level 2: Understand*)

CO2. Compute the effects of trade policies.
(*Bloom's Level 3: Apply*)

CO3. Investigate the mechanisms of economic integration and regional cooperation.
(*Bloom's Level 4: Analyse*)

CO4. Appraise the role of global trade institutions.
(*Bloom's Level 5: Evaluate*)

CO5. Develop trade strategies that promote economic development and address the challenges faced by developing nations.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**	**PSO3**
CO1	2	2	3	3	3	1	3	1	2	3
CO2	3	2	3	1	1	2	1	2	3	3
CO3	3	2	3	1	1	1	3	1	3	3
CO4	1	3	2	3	3	2	2	1	1	1
CO5	2	2	1	1	3	2	1	2	3	3

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 5: BASIC FINANCIAL ECONOMICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Describe the structure and functioning of financial markets and the classification of financial assets.
(*Bloom's Level 2: Understand*)

CO2. Compute security values using fundamental and technical analysis techniques.
(*Bloom's Level 3: Apply*)

CO3. Investigate the validity of the Efficient Market Hypothesis.
(*Bloom's Level 4: Analyse*)

CO4. Assess portfolio construction models and capital market theories.
(*Bloom's Level 5: Evaluate*)

CO5. Formulate strategies for investment and foreign exchange management.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	2	1	3	1	3	2	2	2	2
CO2	2	2	3	3	2	3	1	1	2	3
CO3	3	3	2	2	2	2	3	3	1	1
CO4	2	2	2	3	1	2	1	1	2	2
CO5	3	2	3	2	2	2	2	1	2	1

1. LOW 2. MODERATE 3. SUBSTANTIAL

COURSE 6: BUSINESS ANALYTICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the fundamental concepts of business analytics, data types, and analytical tools.
(*Bloom's Level 2: Understand*)

CO2. Compute descriptive and inferential statistics, probabilities, and forecasting measures.
(*Bloom's Level 3: Apply*)

CO3. Examine econometric, time-series, and optimization models.
(*Bloom's Level 4: Analyse*)

CO4. Appraise business decisions.
(*Bloom's Level 5: Evaluate*)

CO5. Develop data-driven business strategies and solutions.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	3	1	3	3	2	2	3	2	2
CO2	3	1	3	2	1	1	1	2	1	3
CO3	3	3	2	1	1	2	2	1	1	1
CO4	1	3	1	1	1	1	3	1	3	1
CO5	2	2	2	3	1	2	3	2	3	3

COURSE 7: HEALTH ECONOMICS I

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the scope, nature, and significance of health economics.
(*Bloom's Level 2: Understand*)

CO2. Interpret the demand and supply of healthcare.
(*Bloom's Level 3: Apply*)

CO3. Investigate various health financing mechanisms and insurance systems.
(*Bloom's Level 4: Analyse*)

CO4. Assess the effectiveness of national and international health policies.
(*Bloom's Level 5: Evaluate*)

CO5. Formulate strategic policy recommendations to address global and national health challenges.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	3	1	1	3	3	1	1	3	3
CO2	3	2	3	1	2	2	3	3	1	1
CO3	2	3	3	2	1	3	2	1	3	2
CO4	1	3	1	2	1	3	2	2	1	1
CO5	2	2	1	1	3	1	3	2	2	2

COURSE 8: MENTORED SEMINAR II

COURSE OUTCOMES:
At the end of this course, the students should be able to

CO1. Understand specialized economic topics through extensive literature review and critical synthesis.
(Bloom's Level 4: Analyse)

CO2. Apply advanced research methodologies and data interpretation techniques in seminar presentations.
(Bloom's Level 3: Apply)

CO3. Evaluate diverse economic perspectives and policy implications presented in academic discussions.
(Bloom's Level 5: Evaluate)

CO4. Integrate theoretical knowledge with empirical evidence to strengthen analytical arguments.
(Bloom's Level 5: Evaluate)

CO5. Formulate and present original research insights or policy recommendations demonstrating scholarly independence.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**	**PSO3**
CO1	1	2	3	2	3	2	1	3	3	2
CO2	2	3	2	3	3	1	2	1	3	1
CO3	3	2	2	1	3	2	3	2	1	1
CO4	3	3	3	1	2	1	1	3	3	2
CO5	1	2	1	2	2	1	1	3	2	3

SEMESTER-III

COURSE 1: SOFTWARE PACKAGES FOR ECONOMIC RESEARCH

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Classify the functions and features of statistical packages, and software relevant to economic analysis.
(Bloom's Level 2: Understand)

CO2. Demonstrate basic data handling, representation, and trend forecasting using spreadsheets and statistical tools.
(Bloom's Level 3: Apply)

CO3. Differentiate among diagnostic tests in econometric modelling.
(Bloom's Level 4: Analyse)

CO4. Verify the appropriateness of software tools for statistical and econometric tasks.
(Bloom's Level 5: Evaluate)

CO5. Construct well-structured presentations and data-driven models to support economic decision-making.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	3	2	2	3	2	3	3	3	**1**
CO2	3	2	2	3	1	2	2	3	3	**3**
CO3	1	1	2	3	1	2	1	1	2	**3**
CO4	1	2	3	3	1	3	1	2	1	**1**
CO5	2	3	3	3	2	2	2	1	1	**1**

COURSE 2: MONEY AND BANKING

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain key concepts related to the classical, Keynesian, and monetarist theories of money.
(Bloom's Level 2: Understand)

CO2. Illustrate the working of monetary policy tools and the functioning of financial institutions and markets.
(Bloom's Level 3: Apply)

CO3. Distinguish between competing theories of money demand and supply.
(Bloom's Level 4: Analyse)

CO4. Appraise the role and effectiveness of central and commercial banks across different economic systems.
(Bloom's Level 5: Evaluate)

CO5. Compile a comprehensive list of financial sector reforms.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	3	1	2	1	3	2	3	2	2
CO2	1	3	2	3	2	1	3	3	1	1
CO3	2	3	2	2	2	1	2	2	2	2
CO4	1	3	1	2	3	2	2	1	1	1
CO5	1	1	1	3	3	1	2	3	3	1

COURSE 3: RESEARCH METHODOLOGY FOR SOCIAL SCIENCE

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Identify various research designs, data types, and methods of data collection relevant to social science research.
(Bloom's Level 1: Remember)

CO2. Utilise descriptive statistical tools to organize research data.
(Bloom's Level 3: Apply)

CO3. Integrate different models used in analytical statistics.
(Bloom's Level 4: Analyse)

CO4. Monitor the appropriateness of statistical softwares, sampling techniques, and hypothesis tests in different contexts.
(Bloom's Level 5: Evaluate)

CO5. Produce a structured research report using ethical guidelines.

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	2	3	1	2	2	3	2	3	1	1
CO2	1	2	3	2	3	2	3	3	1	1
CO3	1	3	3	3	2	3	3	3	1	1
CO4	3	3	2	1	3	1	3	3	3	2
CO5	3	3	1	2	2	2	3	1	3	3

COURSE 4: INTERNATIONAL FINANCE

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. List the key components of international finance.
(Bloom's Level 1: Remember)

CO2. Demonstrate the use of macroeconomic models to analyse the functioning of foreign exchange markets and policy adjustments in an open economy.
(Bloom's Level 3: Apply)

CO3. Compare different exchange adjustment mechanisms
(Bloom's Level 4: Analyse)

CO4. Appraise the effectiveness of monetary systems and macroeconomic policy tools in managing external imbalances.
(Bloom's Level 5: Evaluate)

CO5. Combine financial strategies to address international issues as per global best practices.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs

COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	1	3	3	3	3	2	2	1	3
CO2	3	3	1	1	3	2	3	2	2	2
CO3	2	1	3	2	2	1	3	2	1	1
CO4	2	3	1	2	1	1	3	2	2	2
CO5	2	2	1	1	1	1	2	2	3	2

COURSE 5: ADVANCED FINANCIAL ECONOMICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Describe key concepts related to advanced financial economics.
(Level 2 – Understand)

CO2. Execute techniques for managing risk and evaluating portfolio performance.
(Level 3 – Apply)

CO3. Differentiate among types of financial instruments and pricing models.
(Level 4 – Analyse)

CO4. Monitor techniques in managing risks and speculation.
(Level 5 – Evaluate)

CO5. Construct strategies using financial tools and pricing.
(Level 6 – Create)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	PROGRAMME OUTCOMES							PROGRAMME SPECIFIC OUTCOMES		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	1	2	1	3	3	2	2	2	3
CO2	1	2	3	1	3	2	2	1	1	2

CO3	3	1	1	2	2	2	3	3	1	3
CO4	2	1	1	3	1	2	2	2	3	1
CO5	3	3	3	2	1	3	1	1	2	2

COURSE 6: ADVANCED ECONOMETRICS AND GAME THEORY

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain advanced econometric concepts.
(*Bloom's Level 2: Understand*)

CO2. Compute estimators for simultaneous and dynamic models.
(*Bloom's Level 3: Apply*)

CO3. Examine the structure of strategic interactions through the frameworks of non-cooperative and cooperative game theory.
(*Bloom's Level 4: Analyse*)

CO4. Assess the efficiency and stability of equilibrium outcomes in games.
(*Bloom's Level 5: Evaluate*)

CO5. Construct integrated econometric and game-theoretic models to simulate real-world policy.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	3	1	3	1	1	3	1	2	1
CO2	2	3	3	2	1	2	1	3	1	1
CO3	3	2	1	2	1	1	3	2	3	1
CO4	1	3	1	3	3	3	1	3	3	1
CO5	3	3	2	2	3	1	1	3	1	1

COURSE 7: HEALTH ECONOMICS II

COURSE OUTCOMES:
At the end of this course, the students should be able to

CO1. Examine the role of economic evaluation methods such as cost-benefit, cost-effectiveness, and cost-utility analyses in healthcare decision-making.
(Bloom's Level 4: Analyse)

CO2. Evaluate the efficiency and equity of healthcare delivery systems in developed and developing countries.
(Bloom's Level 5: Evaluate)

CO3. Apply econometric and statistical tools to assess healthcare outcomes and policy interventions.
(Bloom's Level 3: Apply)

CO4. Critically assess the impact of public–private partnerships and technological innovations on healthcare accessibility and affordability.
(Bloom's Level 5: Evaluate)

CO5. Design evidence-based policy solutions for improving health system performance and achieving universal health coverage.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	3	1	1	3	3	2	1	3	3
CO2	3	2	3	1	2	2	3	3	2	1
CO3	2	3	2	2	1	3	2	1	3	2
CO4	1	3	1	2	2	3	2	2	1	2
CO5	2	2	1	1	3	1	3	2	2	2

COURSE 8: MENTORED SEMINAR III

COURSE OUTCOMES:
At the end of this course, the students should be able to

CO1. Critically review and synthesize advanced theoretical and empirical research in specialized areas of economics.
(Bloom's Level 5: Evaluate)

CO2. Apply advanced quantitative and qualitative tools to investigate complex economic issues.
(Bloom's Level 3: Apply)

CO3. Assess the quality, validity, and relevance of research methodologies and findings presented in seminars.
(Bloom's Level 5: Evaluate)

CO4. Develop well-structured seminar papers demonstrating originality, clarity, and scholarly rigor.
(Bloom's Level 6: Create)

CO5. Lead academic discussions with confidence, articulating nuanced arguments and providing insightful peer feedback.
(Bloom's Level 6: Create)

COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**	**PSO3**
CO1	2	3	2	3	1	2	2	2	1	1
CO2	2	1	1	3	2	2	2	1	3	1
CO3	1	3	2	2	2	1	1	1	1	2
CO4	2	2	2	3	1	2	3	3	1	2
CO5	3	1	3	1	1	2	2	2	2	3

SEMESTER-IV

COURSE 1: BEHAVIOURAL ECONOMICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the foundational principles of behavioural economics.
(*Bloom's Level 2: Understand*)

CO2. Demonstrate behavioural models that interpret individual decision-making and social preferences.
(*Bloom's Level 3: Apply*)

CO3. Investigate the concept of bounded rationality.
(*Bloom's Level 4: Analyse*)

CO4. Assess behavioural macroeconomic frameworks.
(*Bloom's Level 5: Evaluate*)

CO5. Formulate behaviourally informed strategies and interventions aimed at improving policy outcomes.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	1	2	3	2	2	3	3	2	2
CO2	1	2	1	1	3	3	1	1	2	2
CO3	1	1	3	2	3	2	2	3	2	3
CO4	3	2	1	2	1	2	1	3	1	2
CO5	2	1	2	1	3	1	3	2	2	2

COURSE 2: ECONOMICS OF SOCIAL SECTOR

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the goals of economic systems and the concepts of efficiency and equity. (*Bloom's Level 2: Understand*)

CO2. Illustrate the organization and functioning of insurance markets. (*Bloom's Level 3: Apply*)

CO3. Examine the role of government intervention in healthcare and education. (*Bloom's Level 4: Analyse*)

CO4. Assess the costs and benefits of investments in education. (*Bloom's Level 5: Evaluate*)

CO5. Design sustainable models for financing and pricing education and healthcare. (*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**	**PSO3**
CO1	2	3	1	3	3	3	2	1	1	3
CO2	3	2	1	1	3	3	2	1	3	2
CO3	3	3	2	2	3	3	3	3	2	1
CO4	1	2	2	2	3	3	2	3	3	3
CO5	3	1	1	3	1	1	3	2	2	1

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**	**PSO3**
CO1	2	3	1	3	3	3	2	1	1	3
CO2	3	2	1	1	3	3	2	1	3	2
CO3	3	3	2	2	3	3	3	3	2	1
CO4	1	2	2	2	3	3	2	3	3	3
CO5	3	1	1	3	1	1	3	2	2	1

COURSE 3: INTRODUCTION TO DATA SCIENCE

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the evolution, roles, and applications of data science across various disciplines. (*Bloom's Level 2: Understand*)

CO2. Demonstrate methods of data collection and preparing datasets for analysis. (*Bloom's Level 3: Apply*)

CO3. Investigate datasets using descriptive statistics and visualization techniques. (*Bloom's Level 4: Analyse*)

CO4. Assess appropriateness of statistical inference techniques. (*Bloom's Level 5: Evaluate*)

CO5. Compile comprehensive analytical reports. (*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	1	1	1	1	1	2	3	2	1
CO2	3	2	1	2	2	1	2	1	1	2
CO3	2	2	1	3	3	1	3	3	3	1
CO4	3	2	2	1	2	3	1	1	2	1
CO5	1	2	1	2	1	2	2	3	2	2

COURSE 4: CORPORATE FINANCE

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the objectives, scope, and significance of corporate finance. (*Bloom's Level 2: Understand*)

CO2. Demonstrate how capital structure and cost of capital influence corporate financing decisions.
(*Bloom's Level 3: Apply*)

CO3. Investigate the relationship between corporate debt and dividend policy.
(*Bloom's Level 4: Analyse*)

CO4. Assess the Modigliani–Miller propositions and subsequent extensions.
(*Bloom's Level 5: Evaluate*)

CO5. Design comprehensive corporate risk management frameworks.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	1	3	3	1	1	2	3	3	2	1
CO2	1	1	3	1	3	2	3	1	3	3
CO3	3	3	3	2	3	2	2	3	2	3
CO4	3	1	1	3	3	3	1	2	2	1
CO5	3	3	2	3	1	1	3	3	2	1

COURSE 5: ENVIRONMENTAL ECONOMICS

COURSE OUTCOMES:

At the end of this course, the students should be able to

CO1. Explain the scope and significance of environmental economics.
(*Bloom's Level 2: Understand*)

CO2. Demonstrate how economic principles can be used to quantify environmental costs and benefits.
(*Bloom's Level 3: Apply*)

CO3. Examine the interaction between economic growth and environmental degradation.
(*Bloom's Level 4: Analyse*)

CO4. Assess environmental policies and regulatory mechanisms.
(*Bloom's Level 5: Evaluate*)

CO5. Formulate sustainable development strategies.
(*Bloom's Level 6: Create*)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	2	3	2	1	2	2	3	3	1	1
CO2	2	2	3	2	2	1	1	3	2	3
CO3	1	3	2	2	3	2	1	2	2	1
CO4	1	2	1	3	1	2	1	2	2	3
CO5	2	2	1	3	1	2	2	2	1	3

COURSE 6: DISSERTATION

CO1. Identify a relevant and researchable problem in the field of economics through comprehensive literature review.
(Bloom's Level 3: Apply)

CO2. Design and implement an appropriate research methodology, incorporating quantitative and/or qualitative techniques.
(Bloom's Level 4: Analyse)

CO3. Critically evaluate empirical data, interpret findings, and relate them to theoretical frameworks.
(Bloom's Level 5: Evaluate)

CO4. Develop a coherent and well-structured dissertation demonstrating originality and academic rigor.
(Bloom's Level 6: Create)

CO5. Present and defend research findings effectively through written and oral communication.
(Bloom's Level 6: Create)

MAPPING OF COs WITH POs AND PSOs										
COURSE OUTCOMES	**PROGRAMME OUTCOMES**							**PROGRAMME SPECIFIC OUTCOMES**		
	PO1	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO 1**	**PSO 2**	**PSO 3**
CO1	3	2	2	3	2	2	3	3	3	2
CO2	3	3	2	2	2	3	1	3	3	2
CO3	3	3	2	1	3	2	1	3	3	3
CO4	3	3	3	3	1	2	1	3	3	2
CO5	2	2	1	3	2	2	2	2	2	3