



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(AUTONOMOUS)

Reaccredited With A++ Grade by NAAC

College with Potential for Excellence, Linguistic Minority Institution,

Affiliated to University of Madras, Arumbakkam, Chennai - 600 106



LEARNING OUTCOME-BASED CURRICULUM FRAMEWORK (LOCF)

For

**POST GRADUATE AND RESEARCH DEPARTMENT OF
ECONOMICS**



**Effective for M.A.Economics students admitted in
the Academic Year 2025 onwards**

**POST GRADUATE AND RESEARCH DEPARTMENT OF
ECONOMICS**



**M.A Economics (Shift I)
ACADEMIC YEAR 2025-2026 I – II Semesters
SCHEME AND SYLLABUS**

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INSTITUTION

VISION

To impart value-based quality academia; to empower students with wisdom and to charge them with rich Indian traditions and culture; to invoke the self, to broaden the same towards nation building, harmony and Universal brotherhood.

MISSION

To ensure sustained progress and development in imparting quality education, to pioneer new avenues of teaching and research and to emerge as an institution with potential for excellence.

Post Graduate and Research Department of Economics

VISION

To excel in both, the science and art of economics education, social science research and analysis by empowering students with strong theoretical and practical knowledge.

MISSION

1. To educate students with the foundation principles of core and allied disciplines of Economics.
2. To provide practical and creative skills for problem solving and optimizing decisions in the ever-dynamic economic world.
3. To inculcate strong personal, technical, analytical, entrepreneurial and leadership skills.
4. To impart knowledge in lifelong learning, professional ethics and contribution to the society.

Programme Educational Objectives (PEOs)

The Economics Programme aims to achieve the following objectives

- Will be capable of optimizing their decisions at the individual, household, industry and government level.

- Will be able to pursue research in fields such as developmental economics, marketing, finance and human resource development.
- Will be able to exhibit team spirit and ethical values throughout their professional career.

PROGRAM OUTCOME FOR POST GRADUATE

At the end of the Programme the student will be able :

PO1	Problem Solving Skill: Apply knowledge of Management theories and Human Resource practices to
PO2	Decision Making Skill: Foster analytical and critical thinking abilities for data-based decision-making.
PO3	Ethical Value: Ability to incorporate quality, ethical and legal value-based perspectives to all
PO4	Employability Skill: Inculcate contemporary business practices to enhance employability skills in the
PO5	Entrepreneurial Skill: Equip with skills and competencies to become an entrepreneur.
PO6	Contribution to Society: Succeed in career endeavors and contribute significantly to society.

Mapping of POs TO PEOs

PEO/PO	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6
PEO 1	3	3	3	3	2	3
PEO 2	3	3	3	2	2	3
PEO 3	3	3	3	3	3	3

3-Strong Correlation 2- Medium Correlation 1- Low Correlation

Programme Specific Outcomes for Post Graduate Programme in Economics (PSOs)

On successful completion of the Programme the students will be able

PSO1 - To comprehend and critically analyze economic phenomena that happen at the National and Global level.

PSO2 - To apply the fundamental principles of economics for decision making at the professional and personal level.

PSO3 - To evaluate the economic eco system.

PSO4 - To compare theories of various economic thinkers, evaluate their relevance to present world situation and recommend modifications.

PSO5 - To weigh the strength and limitations of economic policies and formulate policies through data analysis.

PSO6 - To be able to pursue research in economics or in related disciplines and clear competitive examinations choosing economics as the main subject.

Mapping of PO & PSO – Post Graduate Programme

	PO1	PO2	PO3	PO4	PO5	PO6
PSO1	3	3	2	2	2	3
PSO2	3	3	2	3	3	3
PSO3	3	3	2	2	2	3
PSO4	3	2	2	3	2	3
PSO5	3	2	2	3	3	3
PSO6	3	2	2	3	2	3

Post Graduate and Research Department of Economics

ELIGIBILITY FOR ADMISSION

Candidates for admission to the first years of PG of Economics (MA.Eco) course should have a Bachelor's degree in any discipline from a recognized university. For candidates specifically applying for MA Economics, a Bachelor's degree in Economics or a related field like Commerce, Business, or Social Sciences would be preferred. However, other degrees may also be eligible, subject to the college's discretion.

DURATION OF THE COURSE

The duration of the course for two academic years consisting of four semesters and each semester comprises of 90 days.

a) Each academic year shall be divided into two semesters. The first academic year shall comprise the first and second semesters, the second academic year the third and fourth semester respectively.

b) The odd semester shall consist of the period from June to November of each year and the even semesters from December to April of each year. There shall be not less than 90 working days for each semester.

CURRICULUM

Part	Courses	Credit
I	Core courses (main subject), Elective subjects, and Project related to the main area of study	76
II	Soft Skills, SEC (Skill Enhancement Course)	15

Project

In Semester IV, students undertake a project and dissertation worth 100 marks. Each student is individually assigned to a faculty member from the department for dissertation guidance. The dissertation should follow a thesis-style format, including sections such as Introduction, Materials and Methods, Results, Discussion, and Bibliography. After conducting a plagiarism

check, the dissertation must be typewritten, properly bound, and one copy must be submitted to the Department for permanent record-keeping.

ELIGIBILITY FOR THE AWARD OF DEGREE

A candidate shall be eligible for the award of Degree only if he or she has undergone the prescribed course for a period of not less than two academic years, and passed the examinations of all Four Semesters prescribed.

SCHEME ON EXAMINATIONS

As per the University Regulation the following split up of marks are to be followed.

- i) **SPLIT UP FOR INTERNAL AND EXTERNAL MARKS FOR THEORY AND PRACTICAL PAPER:**

SL.No	Paper	Internal	External	Total
1	Theory	50	50	100

- ii) **SPLIT UP FOR INTERNAL ASSESSMENT MARKS FOR THEORY**

CIE- Continuous Internal Evaluation (50 Marks)

CIA	30
Generic Skills	15
Attendance	5
Total	50

SCHEME OF I SEMESTER MA ECONOMICS PROGRAM

SEMESTER I												
Component	Course Category	Course Code	Name of the course	Over All Credits	Hrs Distribution				Total contact Hours	Marks		
					L	T	P	S		CIA	ESE	Total
Part I	Core Course I		Micro Economic Theory - I	4	5	1			6	50	50	100
	Core Course II		Statistics for Economist	4	5	1			6	50	50	100
	Core Course III		Research Methodology	4	5	1			6	50	50	100
	Core Course IV		Health Economics	4	5	1			6	50	50	100
	Discipline Specific Elective I Employability Course I (A)		Organisation and Behavioural Economics	3	5	1			6	50	50	100
		OR										
	Discipline Specific Elective I Employability Course I (B)											
Part II	Soft Skill I		Personality Development	2								
Total				21					30			

SEMESTER II

Component	Course Category	Course Code	Name of the course	Over All Credits	Hrs Distribution				Total contact Hours	Marks		
					L	T	P	S		CIA	ESE	Total
Part I	Core Course V		Micro Economic Theory - II	4	5	1			6	50	50	100
	Core Course VI		Basics of Econometrics	4	5	1			6	50	50	100
	Core Course VII		Indian Economic Development and Policy	4	5	1			6	50	50	100
	Core Course VIII		Monetary Economics	4	5	1			6	50	50	100
	Discipline Specific Elective II Entrepreneurship Course II (A)		Managerial Economics	3	5	1			6	50	50	100
		OR										
	Discipline Specific Elective II Entrepreneurship Course II (B)											
Part II	Soft Skill II		Leadership Quality & Development	2								
Total				21					30			

Semester I

Core Course I

Course Title: MICRO ECONOMIC THEORY-I

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Studies the behaviour patterns of individuals and firms in relation to allocation of limited resources.
- 2) Demonstrate a deep understanding of fundamental microeconomic principles, including consumer and producer theory, market equilibrium, and welfare analysis.
- 3) Examine and compare different market structures such as perfect competition, monopoly, oligopoly, and monopolistic competition

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	Understanding the various aspects of consumer behaviour and elasticity of demand
CO2	Evaluate the working of production process in the long run and the short run
CO3	Understand the theories of cost in long run and short run period
CO4	Analyse the theory of firms under perfect competition
CO5	Understand monopoly and monopolistic competition of markets

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	2	3	3	2	3	3	2	3	3	2	3
CO2	3	3	2	3	1	3	3	3	2	3	1	3
CO3	2	3	3	2	2	3	2	3	3	2	2	3
CO4	2	2	2	3	1	3	2	2	2	3	1	3
CO5	3	3	2	3	2	3	3	3	2	3	2	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Theory of consumer behavior: The cardinal utility vs. The ordinal utility - The indifference curve theory – Revealed Preference Hypothesis – Consumer’s surplus. Elasticity of demand –Types and measurement.	15	CO1
2	The production function – Concept and Definition – Isoquants, MRTS - Laws of production: Laws of returns to scale; The Law of Variable proportions. Cob- Douglas and CES production functions – Equilibrium of the firm: Single and Multi – product firms.	15	CO2
3	Cost and Revenue Functions – Total and Marginal Approaches – The traditional theory of cost: Short – run costs; Long – run costs - ‘The Envelope curve’- Modern theory of costs: Short-run costs; Long-run costs – ‘The L-shaped’ scale curve – The relevance of the shape of cost curves in decision making.	15	CO3
4	Market structure - Perfect competition – Assumptions – Short run equilibrium, long run equilibrium of the firm and industry with normal profits, super normal profits and losses.	15	CO4
5	Monopoly – Definition – Demand and Revenue – Equilibrium of the monopolist – Short-run equilibrium – Long-run equilibrium – Price Discrimination- Multi – plant firm – Bilateral monopoly – Duopoly - Monopolistic competition – Product Differentiation - Selling Cost - Equilibrium of the firm – Excess Capacity.	15	CO5,

TEXT BOOKS:

- 1.H.L. Ahuja - Advanced Economic Theory: Microeconomic Analysis
- 2.Pindyck and Rubinfeld – Microeconomics
- 3.Koutsoyiannis – Modern Microeconomics
- 4.Baumol.W.J - Economic Theory and Operations Analysis.
5. Cohen.K.J And Cyret R.M - Theory of The Firm, Prentice Hall of India.
6. M.L. Jhingan - Micro Economic Theory
7. S.Sankaran Micro Economics

REFERENCE BOOKS & Links:

- 1.Ferguson, C.E - Micro Economic Theory, Cambridge University Press, London
- 2.K.E. Boulding - A reconstruction of Economics
- 3.Mankiw – Principles of Microeconomics
- 4.Varian – Intermediate Microeconomics: A Modern Approach
- 5.<https://mru.org/principles-economics-microeconomics>
- 6.<https://pwnonlyias.com/udaan/basics-of-microeconomics/>
- 7.<https://durhamtech.libguides.com/microeconomics/web>

E Resources –

- 1.<https://www.core-econ.org/ebooks/>
- 2.<https://edge.sagepub.com/sextonmicro8e>

Core Course II

Course Title: STATISTICS FOR ECONOMISTS

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand foundational statistical concepts, data collection methods, classification, and graphical representation for insightful analysis.
- 2) Apply statistical tools like measures of central tendency, dispersion, index numbers, and correlation to interpret data trends and support decision-making.
- 3) Gain proficiency in regression, time series techniques, and hypothesis testing for effective forecasting and research-based conclusions

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To explain and apply the statistical methods involved in conducting a statistical enquiry. To distinguish and apply the various methods of
CO2	To apply and evaluate the various measures of central tendency, measures of dispersion and skewness.
CO3	To illustrate the application of index numbers through different methods.
CO4	To classify the different methods of data collection and evaluate its applicability. To understand and apply the chi-square test to social science research. To evaluate the applicability of various methods of estimating correlation.
CO5	To examine the utility of regression analysis through its varied applications. To demonstrate the utility of time series in forecasting and assess the applicability of its various methods.

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Meaning – Definition, nature, significance and limitations of statistics - Collection of data – Sources of primary data – Direct personal interview, indirect oral investigation, information from correspondents, mailed questionnaire method, schedules sent through enumerators. Secondary – Classification - Types – Geographical, Chronological, Quantitative, Qualitative - Tabulation – Meaning, Parts of a table, Types of Tables, Formulation of frequency distribution - Diagrammatic and graphic representation – Bar diagram – Pie diagram – Histograms - Frequency distribution – Frequency graphs – Ogives – Lorenz Curve.	15	CO1
2	Measures of central Tendency – Requisites of good average – Types of averages – Arithmetic mean, median, mode - Measures of dispersion – Absolute and relative dispersion – Range, Inter-quartile range and quartile deviation – Merits and limitations - Mean deviation, Standard deviation, Co-efficient of variation – Measurement of skewness – Meaning - Karl Pearson and Bowley ‘s measure of skewness.	15	CO2
3	Index numbers – Meaning, Steps in the construction of index numbers – Weighted and unweighted index numbers – Simple Aggregate – Simple Average of Price Relatives – Laspeyre – Paasche – Fisher’s ideal index - – Marshal Edgeworth’s index number – Bowley’s method – Tests to be satisfied by an ideal index number (Time reversal, Factor reversal).	15	CO3
4	Sampling – Definition - Techniques – Laws on sampling – Types of sampling- Random and Non-random sampling techniques - Sampling errors - Testing of Hypotheses – Chi-square tests – Its application to research - Correlation – Types of correlation - Scatter diagram method, Graphic methods, Karl Pearson’s coefficient of correlation – Rank correlation coefficient – concurrent deviation method.	15	CO4
5	Regression – Meaning - Two variable linear regression – Regression lines – Regression equations – Regression coefficients - Time series analysis - Components of time series – Methods of measuring trend – Freehand (or) graphic method – Semi-average method – Moving average method – Method of least squares.	15	CO5

TEXT BOOKS:

1. S.P. Gupta – Statistical Methods.
2. R. G. D. Allen – Mathematics for Economists.
3. P. R. Vittal – Mathematical Statistics

REFERENCE BOOKS & Links:

1. Damodar & Gujarati – Economic Models
2. <https://openstax.org/books/introductory-statistics/pages/1-introduction>
3. <https://statistics.laerd.com/statistical-guides/pearson-correlation-coefficient-statistical-guide.php>
4. <https://www.bbc.co.uk/bitesize/guides/zcv7qty/revision/1>

5. <https://openstax.org/books/introductory-statistics/pages/2-3-measures-of-the-location-of-the-data>
6. <https://ncert.nic.in/textbook.php?leec1=5-9>

Core Course III

Course Title: RESEARCH METHODOLOGY

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand the fundamentals of social research, including research design, objectives, and data sources, to build a strong foundation for academic inquiry.
- 2) Acquire skills in data collection, hypothesis testing, and use of statistical tools to analyze and interpret research findings effectively.
- 3) Develop competence in presenting research systematically, using software tools like SPSS and Stata for quantitative analysis.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To explain the meaning of research, its aims, principles and types.
CO2	To understand the techniques of data collection
CO3	To frame hypothesis and how to test the hypothesis
CO4	To outline the steps involved in the analysis of data.
CO5	To evaluate the data through the software tools

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	3	2	3	3	2	3	3	2	3	3
CO2	2	3	3	3	3	3	2	3	3	3	3	3
CO3	2	3	3	3	3	3	2	3	3	3	3	3
CO4	2	3	3	3	3	3	2	3	3	3	3	3
CO5	2	3	3	2	3	3	2	3	3	2	3	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Meaning of Research - Nature and scope of Social Research – Aims – Objectives – Basic Principles of Research – Types of Research – Research Process -Gap -Formulation of Primary and secondary objectives-Research Design-Review of literature -precautions in the primary and secondary data.	15	CO1
2	Observation, schedule, questionnaire and interview method - Social survey - Case study, levels of measurement: nominal ordinal, interval, and ratio, Data coding -Editing, Recoding, Data entry, Exploring the data, tables and cross tables, -Descriptive statistics.	15	CO2
3	Meaning, types, sources, functions, rules, testing of hypothesis, procedure, testing of difference between means-comparing two related samples, testing of proportions, difference between proportions -correlation coefficients simple regression, (t-test, chi-square, ANOVA)	15	CO3
4	General organization of research presentation – Rules for arrangement of text, diagrams – Reference - Bibliography and footnote.	15	CO4
5	Quantative techniques-Techniques of interpretation, Application of research tools (SPSS and Stata).	15	CO5,

TEXT BOOKS:

1. C.R. Kothari & Gaurav Garg - "Research Methodology: Methods and Techniques".
2. Uma Sekaran & Roger Bougie - "Research Methods for Business: A Skill-Building Approach".
3. Alan Bryman - "Social Research Methods".
4. Cochran W.G - Sampling techniques
5. Donald R.Cooper, Pamela S. Schindler - Business - Research Methods.
6. V.Shanmugasundaram,- Methodology of Research in Social Science.

REFERENCE BOOKS:

1. Forces And Bircher- Social Research Method.
2. Basil Blackwell, Kiplinger - Foundation of Behavioural Research
4. Kurien, C.T.(Ed)- A Guide to Research in Economics- Sangampublishing house
5. Murthy, M.N - Sampling Theory and Methods – Statistical publishingsociety.
6. https://study.sagepub.com/kumar4e?utm_source=chatgpt.com
7. <https://euacademic.org/bookupload/9.pdf>

Core Course IV

Course Title: HEALTH ECONOMICS

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand the interplay between health and economic development, health indicators, and healthcare as an investment in human capital.
- 2) Analyze healthcare demand, cost-benefit evaluation techniques, and the role of insurance and medical tourism in healthcare economics.
- 3) Explore the structure, financing, and policy framework of the Indian health sector with emphasis on Tamil Nadu's initiatives.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To explain the role of health and its indicators in human and economic development
CO2	To assess the market for health services in terms of demand and supply
CO3	To evaluate health care programmes
CO4	To demonstrate the role of medical tourism and assess the health insurance
CO5	To analyse the health policy in India and Tamilnadu.

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	2	3	3	3	3	3	2	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3	3
CO3	3	3	3	2	3	3	3	3	3	2	3	3
CO4	3	3	3	2	2	3	3	3	3	2	2	3
CO5	3	3	3	2	3	3	3	3	3	2	3	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Definition – Role of health in human development – Role of economics in the health sector - Health indicators - Health status - Nutritional status - Relationship of health care with macro-economic performance - Health as an investment.	15	CO1
2	Demand for Health care services - Health inputs and health output - Efficiency of production of Health services - Choice of health care - Allopathy, Indian alternative medicines - Market for health services - Demand, supply and equilibrium.	15	CO2
3	Evaluation of Health care Programmes - Measuring cost – Measuring benefit - Cost Effectiveness - Cost Benefit analysis – Standardized measures of outcome & utility scores - Measures of QALY and DALY - Burden of Disease - Measures of health gains and utilities.	15	CO3
4	Medical Tourism - Significance and role - Uncertainty and health insurance market - Voluntary insurance - Social insurance systems – Alternative insurance mechanisms.	15	CO4
5	Health Sector in India – An overview – Health outcomes – Health systems - Health financing - Health policy in India with special reference to Tamil Nadu.	15	CO5,

TEXT BOOKS:

1. William Jack, Principles of Health Economics for Developing Countries, World Bank Institute Development Studies.
2. World Development Report, Investing in Health, The World Bank.
3. Ronald G., Ehrenberg and Robert S., Smith, Modern Labor Economics: Theory and Public Policy, Addison Wesley.
4. Jay Bhattacharya, Timothy Hyde & Peter Tu - Health Economics
5. Sherman Folland, Allen Goodman, and Miron Stano - The Economics of Health and Health Care.

REFERENCE BOOKS & Links:

1. Baru R.V: Private Health Care in India, Social Characteristics and Trends
2. Becker G.S: Human Capital (National Bureau of Economic Research, New York,
3. Berman P & Khan M.E: Paying for India's Health Care
4. Berman P (Ed): Human Health Sector Reform in Developing Countries -
5. Making Health Development Sustainable.
6. **National Health Mission (NHM)** - <https://nhm.gov.in/>
7. **NITI Aayog** - <https://www.niti.gov.in/>
8. **WHO** - <https://www.who.int/health-topics/health-financing>
9. **WHO** - <https://www.who.int/data/gho/indicator-metadata-registry/imr-details/158>
10. **MoHFW – Ministry of Health and Family Welfare Reports** - <https://main.mohfw.gov.in/>
11. TN Health Department - <https://tnhealth.tn.gov.in/>
12. **AYUSH Ministry Resources** - <https://main.ayush.gov.in/>

Discipline Specific Elective I

Course Title: ORGANISATION & BEHAVIOURAL ECONOMICS

Course Code:	Credits :3
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand individual behavior, personality traits, motivation, and learning theories to enhance workplace dynamics and employee engagement.
- 2) Analyze group behavior, leadership styles, and conflict management strategies for effective organizational communication and decision-making.
- 3) Gain insights into organizational structure, culture, and change management to adapt to evolving business environments and drive development.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To identify and develop communication techniques to resolve organizational conflicts
CO2	To evaluate motivational techniques and its relationship with individual
CO3	To identify various leadership styles and the role of leaders in decision
CO4	To explain group dynamics and the role of employees in the group.
CO5	To understand organizational culture and implementation of organizational change.

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	1	2	3	3	3	3	1	2	3	3	3
CO2	2	2	3	2	1	3	2	2	3	2	1	3
CO3	3	2	2	1	2	3	3	2	2	1	2	3
CO4	2	3	2	2	2	3	2	3	2	2	2	3
CO5	3	2	2	2	1	3	3	2	2	2	1	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Introduction to organizational behavior - Foundation of individual behavior- Personality – Perception – Learning - Values and attitudes.	15	CO1
2	Motivation – Early theories – Contemporary theories - Motivation at work - Designing motivation jobs – Case study.	15	CO2
3	Group Dynamics - Group behavior - Communication and group decision making - Inter – Group relations – Case study.	15	CO3
4	Leadership traits - Theories of X, Y, Z- Behavioral and contingency theories – Power and Politics – Transactional analysis - Work stress - Case study.	15	CO4
5	Organizational structure and design – Organizational change and development – Organizational culture and climate - Organizational conflict - Causes - Types of conflict – Management conflict – Case study - Human conflict and its impact.	15	CO5,

TEXT BOOKS:

1. Fred Luthens, Organisational Behaviour.
2. Stephen Robbins, Organisational Behaviour.
3. Khanka, Organisational Behaviour.
4. Organizational Behavior – L. M. Prasad (Sultan Chand)

REFERENCE BOOKS & Links:

1. Stephen.P.Robbins - Organisational Behaviour
2. <https://www.investopedia.com/terms/b/behavioraleconomics.asp>
3. <https://www.behavioraleconomics.com/>
4. <https://www.exploring-economics.org/en/orientation/behavioral-economics/>
5. <https://ebooks.inflibnet.ac.in/hrmp02/chapter/organization-structure/>
6. https://saylordotorg.github.io/text_organizational-behavior-v1.1/s18-organizational-structure-and-c.html

Semester – II

Core Course V

Course Title: MICRO ECONOMIC THEORY-II

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand the strategic behaviors of firms under oligopoly and modern theories of the firm to explain pricing, output decisions, and managerial goals.
- 2) Analyze factor pricing in different market conditions and evaluate general equilibrium models to assess resource allocation and market efficiency.
- 3) Evaluate welfare economics using social welfare criteria to judge policy implications and limitations in maximizing societal well-being.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	Understanding various market structures and their functions
CO2	Analysing the various managerial theories and its applicability.
CO3	Analysing product and factor pricing under perfect and
CO4	Evaluating General equilibrium and the allocation of resources
CO5	Understanding various welfare functions and its relevance.

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	3	2	3	2	3	2	3	2	3	2	3
CO2	3	2	2	3	2	3	3	2	2	3	2	3
CO3	2	2	2	3	1	3	2	2	2	3	1	3
CO4	3	3	2	2	2	3	3	3	2	2	2	3
CO5	2	3	3	2	1	3	2	3	3	2	1	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Oligopoly: Collusive oligopoly – non-collusive oligopoly – Cartels - Price leadership, Cournot model, Stackelberg model. The kinked- demand curve	15	CO1
2	Baumol's theory of the sales revenue maximization - Marris's model of the managerial enterprise - O. Williamson's model of managerial discretion - the behavioral model of Cyert and March.	15	CO2
3	Factor pricing – Perfect and imperfect markets - Product theorems - Euler's product exhaustion theorem - Walras product theorem.	15	CO3
4	Two sector model of general equilibrium: assumptions - Static properties of a general equilibrium - General equilibrium and the allocation of resources and money.	15	CO4
5	Criteria of social welfare: The Pareto - Optimality criterion – The Kaldor – Hick's compensation criterion - The Bergson criterion - Social welfare function' - Maximization of social welfare - Arrow's impossibility theorem.	15	CO5

TEXT BOOKS:

1. Dr. M.L. Seth - Micro Economics
2. H.L. Ahuja (Principles of Micro Economics)
3. M.L. Jhingan Micro Economic Theory
4. S.Sankaran Micro Economics

REFERENCE BOOKS & Links:

1. Ferguson, C.E., Micro Economic Theory, Cambridge University Press, London
2. Green, H.A.J, Consumer Theory, 2nd Edition, Macmillan.
3. Jack Hirschleifer, Price Theory and Applications, 2nd Edition Macmillan.
4. K.E. Boulding (A reconstruction of Economics)
5. Abba.P. Lerner – Micro Economic Theory.
6. <https://pwnonlyias.com/udaan/basics-of-microeconomics/>
7. <https://mru.org/principles-economics-microeconomics>
8. <https://durhamtech.libguides.com/microeconomics/web>
9. <https://www.core-econ.org/ebooks/>
10. <https://edge.sagepub.com/sextonmicro8e>

Core Course VI

Course Title: BASICS OF ECONOMETRICS

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand foundational concepts in matrix algebra, game theory, and differentiation techniques essential for economic analysis and modeling.
- 2) Gain knowledge of econometric principles, including regression models and CLRM assumptions, to analyze economic relationships.
- 3) Apply advanced econometric tools to identify and resolve issues like multicollinearity and autocorrelation, and use models such as ANOVA for empirical data interpretation.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To understand the fundamentals of Matrix Algebra, determinants and its properties.
CO2	To analyze the transpose, adjoint, rank of a matrix with inverse
CO3	To explain the meaning of game theory and its basic concepts; To understand and solve problems on differentiability of the function, second order and partial derivatives.
CO4	To discover and identify the basics of econometrics following with two variable regression model and assumptions of CLRM.
CO5	To evaluate the problems in econometric model specification, analyze the dummy variable model with application to empirical analysis.

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	3	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3	3	3	3	3

CO3	3	3	3	3	3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3	3	3	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Fundamentals of Matrix Algebra: Definitions and Rules – Basic Operations in Matrices – Types of Matrices – Determinants and its Properties – Singular, Non-singular Matrix, Minors and Co-factors.	15	CO1
2	Transpose of a Matrix – Adjoint of a matrix – Rank of a Matrix – Inverse Matrices.	15	CO2
3	Game theory: Basic concepts – Two person Zerosum game – Saddle point - Differentiability of a function – Rules – Second Order derivatives – Partial Derivatives.	15	CO3
4	Definition of Econometrics – Scope and Methodology – Basic Concepts – Two-variable regression model – Assumptions of CLRM.	15	CO4
5	Multicollinearity – Heteroscedasticity – Autocorrelation – Dummy variables – ANOVA and ANCOVA Models - Application of Regression Models in Empirical Analysis	15	CO5,

TEXT BOOKS:

1. K. Dhanasekaran, Econometrics, Vrinda Publications, .
2. Fundamentals of Econometrics B.C. Mehta, Kranti Kapoor ,Himalaya Publishing House.
3. Gujarathi. D. N. Textbook of Econometrics, McGraw-Hill, New Delhi.
4. Edward. T. Dowling., Introduction to Mathematical Economics, Third Edition, Schaum's Outlines, Tata McGraw Hill Publishing company Limited, New Delhi.

REFERENCE BOOKS & Links:

1. Damodar. N Gujarati & Sangeetha, Basic Econometrics, Tata McGraw-Hill Publishing company Limited, New Delhi.
2. https://wps.pearsoned.com/ema_us_stock_ie_3/
3. <https://ocw.mit.edu/courses/economics/14-32-econometric-data-science-spring-2020/>
4. <https://openstax.org/books/precalculus/pages/3-introduction-to-matrices-and-determinants>
5. <https://qed.econ.queensu.ca/ETM/>
6. <https://online.hbs.edu/courses/econometrics/>

Core Course VII

Course Title: INDIAN ECONOMIC DEVELOPMENT AND POLICY

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Studies the behaviour patterns of individuals and firms in relation to allocation of limited resources.
- 2) Demonstrate a deep understanding of fundamental microeconomic principles, including consumer and producer theory, market equilibrium, and welfare analysis.
- 3) Examine and compare different market structures such as perfect competition, monopoly, oligopoly, and monopolistic competition

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To be able to explain the objectives and achievements of planning and evaluate the impact of reforms like LPG and demonetisation.
CO2	To analyse the methods of measurement of poverty and assess the impact of government policies relating to poverty and unemployment.
CO3	To measure the significance of agriculture, allied sectors and agro based industries on India's economic development.
CO4	To estimate the role of the industrial sector to India's economic development in terms of regulations, modernisation and globalisation.
CO5	To assess the recent trends in India's service sector.

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	3	2	3	3	3	3	3	2	3	3
CO2	3	3	3	2	3	3	3	3	3	2	3	3
CO3	3	3	3	2	3	3	3	3	3	2	3	3
CO4	3	3	3	2	3	3	3	3	3	2	3	3
CO5	3	3	3	2	3	3	3	3	3	3	2	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Planning in India- Objectives of planning – Types of planning - Economic Reforms through Liberalization, Privatization and Globalization - Demonetisation and its impact.	15	CO1
2	Poverty - Measurement of poverty line - Planning for poverty eradication - Public policies relating to employment and poverty - MGNREGS.	15	CO2
3	Agriculture and allied sectors - Horticulture, Dairy Farming, Poultry, Fisheries- Significance of Agro Based industries- Blue Revolution, White Revolution.	15	CO3
4	Industry - Evolution of industrial policy – Licensing - Production and distribution controls- Pattern of industrial growth – Productivity trends- Modernization - Small vs. large industry – Globalization and Technology Transfer- Special Economic Zones.	15	CO4
5	Service Sector Growth - Physical and Social, Status and Policies – Infrastructure - Transport - Energy – Telecommunication – ICT - BPO – Recent trends in Health and Education.	15	CO5,

TEXT BOOKS:

1. **I.C. Dhingra's "Indian Economic Development":**
2. **T.R. Jain and V.K. Ohri's "Indian Economic Development":**
3. S. Sankaran. Indian Economy.
4. Ruddar Dutt and Sundaram (Indian Economy).

REFERENCE BOOKS & Links:

1. **Matthew McCartney's "The Indian Economy":**
2. Development issues of Indian Economy S.K.Misra and V.K.Puri Himalaya publishing house.
3. Bhagwati . J. Chakravorthy. S. (Indian Economic Analysis).
4. Dandekar. V.M. (Poverty in Indian School of Political Economy).
5. [Economic Planning Strategy in India – GKToday](#)
6. [Schemes To Systems | The Unfinished Agenda of Mahatma Gandhi Rural Employment Guarantee Scheme](#)
7. [Agriculture and Allied Sectors | NITI Aayog](#)
8. [Unit-22.pdf](#)
9. [India's Booming Business Services Sector: Key Insights & Growth](#)

Core Course VIII

Course Title: MONETARY ECONOMICS

Course Code:	Credits :4
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand key monetary concepts, functions, and practices, including the role of money in the macroeconomy through classical and modern economic perspectives.
- 2) Analyze monetary theories, demand and supply of money, and the impact of monetary policy and RBI's functions on economic development.
- 3) Evaluate domestic and international monetary systems, including challenges, reforms, and comparative frameworks like the Eurozone.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	Paraphrase concepts related to money and monetary practises currently practiced in India
CO2	Enumerate various approaches related to monetary schools of evolution
CO3	To appraise the approaches given by economists like Keynes, Baumol, Tobin and Friedman
CO4	Analyze the role of monetary policy and the role of financial institution in
CO5	Compare the monetary systems in India with that of European monetary systems

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	1	1	1	2	3	3	1	1	1	2	3
CO2	2	3	3	3	2	3	2	3	3	3	2	3
CO3	1	2	2	2	3	3	1	2	2	2	3	3
CO4	2	3	2	3	1	3	2	3	2	3	1	3
CO5	2	2	3	3	2	3	2	2	3	3	2	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	Money; Definition – Functions - Concepts - Measurement of money - Current Indian practices	15	CO1
2	Role of money in macro economy - The classical approach - The Keynesian approach – post-Keynesian developments – Classical Dichotomy – Don Patinkin’s Real Balance Effect – Pigou Effect.	15	CO2
3	The demand for money and Supply of money- The classical approach - The Keynesian approach - post-Keynesian developments – Baumol ‘s Asset demand for money – Tobin’s Portfolio Balance Approach - Friedman ‘s Restatement.	15	CO3
4	Monetary Policy – Objectives – Instruments –Role and functions of RBI - Role of RBI in economic growth and development - Financial intermediaries – NBFI - Role – Implications for monetary policy - Gurley - Shaw thesis.	15	CO4
5	Monetary system in India - A review of its working - International monetary system - Problems and prospects - The European monetary systems - European economic and monetary union - The euro and economic policy in the euro zone.	15	CO5,

TEXT BOOKS:

1. Laidler,D.E.W, The Demand For Money: Theories And Evidence Allied Publisher.
2. Pierce,D.G. - Monetary Economics:Theories, Evidence And Policy; Butter Worths.
3. Monetary Economics – M.L. Jhingan
4. Vaishney and Maheshwari – Monetary Economics.
5. Ishwar .C. Dhingra – Monetary Economics
6. Sankaran. S. – Monetary Economics.

REFERENCE BOOKS & Links:

1. Graham Bird, The International Monetary System & The Less Developed Countries,
2. Friedman, The Role Of Monetary Policy, A.E.R,
3. Johnson,H.G, Essays In Monetary Economics
4. Monetary Economics - Institutions, Theory And Policy by Suraj B Gupta.
5. An Outline of Money – Geoffrey Crowther
<https://archive.org/details/in.ernet.dli.2015.125437/page/n5/mode/1up>
6. Monetary Economics – Jagdish Handa -
https://students.aiu.edu/submissions/profiles/resources/onlineBook/L4D8t8_Monetary%20Economics.pdf
7. Reserve Bank of India - <https://www.rbi.org.in>
8. International Monetary Fund (IMF) - <https://www.imf.org/en/Topics/monetary-policy>

Discipline Specific Elective II

Course Title: MANAGERIAL ECONOMICS

Course Code:	Credits :3
L: T:P:S: 5:1:0:0	CIA Marks : 50
Exam Hours: 3	ESE Marks : 50

LEARNING OUTCOME:

- 1) Understand the principles of managerial economics, including demand forecasting, risk analysis, and decision-making strategies in business operations.
- 2) Analyze resource allocation, cost structures, pricing strategies, and capital budgeting to support efficient business planning.
- 3) Evaluate advertising effectiveness and the government's regulatory role to align business objectives with economic policy and market behavior.

Course Outcomes: At the end of the Course, the Student will be able to:

CO1	To apply the various economics concepts to understand competitive outcomes
CO2	To compare and evaluate pricing strategies for profit maximization
CO3	To identify & apply right decisions for optimal use of resources
CO4	To evaluate the types of market structures.
CO5	To examine the implications of government intervention in economic development

Mapping of Course Outcomes to Program Outcomes and Program Specific Outcome:

CO/PO	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	2	2	3	3	3	3	2	2	3	3	3	3
CO2	1	2	2	3	3	3	1	2	2	3	3	3
CO3	3	1	3	3	3	3	3	1	3	3	3	3
CO4	2	1	2	2	3	3	2	1	2	2	3	3
CO5	2	2	2	3	3	3	2	2	2	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

Sl. No.	CONTENTS OF MODULE	Hrs	Cos
1	The nature and scope of managerial economics – Role of a managerial Economist – Concepts - risk, uncertainty and probability analysis. Optimization techniques: total, average and marginal relationships. Demand forecasting techniques – Decision making and forward planning- Consumer durable and capital goods (case study analysis)	15	CO1
2	Concepts in resource allocation - Cost analysis - Short run and long run cost functions - Cost, price and output relations - Break-even analysis	15	CO2
3	Pricing- Objectives - Pricing methods – Techniques - Product line pricing, multi product pricing, differential pricing.	15	CO3
4	Capital budgeting - Capital management and financial policy- Investment appraisal and project profitability – Methods of measurement of project profitability.	15	CO4
5	Advertising – Contribution of economic theory - Methods of determining total advertising budget - Cyclical fluctuations of advertising - Measuring the economic effects of advertising - Regulatory role of the government (case study analysis).	15	CO5,

TEXT BOOKS:

1. P.L. Mehta: Managerial Economics, Analysis, Problems and Cases.
2. S. Sankaran Managerial Economics
3. M.L. Jhingan Managerial Economics.
4. Dr. Radha Managerial Economics.
5. H.L. Ahuja – Managerial Economics.

REFERENCE BOOKS & Links:

1. **Managerial Economics by S. Sachdeva.**
2. Gupta, C.B- Operations Management
3. B.M. Woli A.B. Kolkundrikar – Managerial Economics.
4. J.K. Stephen and M.L. Jhingan Managerial Economics
5. Dominick Salvatore, Managerial Economics In A Global Economy, Thomson.
6. <https://www.ebsco.com/research-starters/economics/managerial-economics>
7. <https://nibmehub.com/opac-service/pdf/read/Managerial%20Economics.pdf>
8. <https://mu.ac.in/wp-content/uploads/2025/03/Pdf-Managerial-Economics-English-version.pdf>
9. https://carlbamford.weebly.com/uploads/4/4/1/3/4413567/managerial_economics_.pdf
10. https://students.aiu.edu/submissions/profiles/resources/onlineBook/s7x3D9_Managerial_Economics_-_Organizational_Architecture_6th.pdf

**SUBJECTS FOR II YEAR ALLOTTED AS PER
THE BOS CONDUCTED IN 2023-2024**

M.A. Economics

Credits as per the BOS on 2023-2024

MA ECONOMICS (SHIFT I)

Semester	COURSE TITLE	CREDITS
I	Core Paper I – Micro Economic Theory - I	4
I	Core Paper II – Statistical Methods - I	4
I	Core Paper III – Research Methodology	4
I	Core Paper IV- Health Economics	4
I	Elective I- Organisation and Behavioural Economics	4
I	Soft Skills- I (Personality Development)	2
II	Core Paper V –Micro Economic Theory - II	4
II	Core Paper VI– Statistical Methods - II	4
II	Core Paper VII- –Indian Economic Development and Policy	4
II	Core Paper VIII- – Monetary Economics	4
II	Elective II- Managerial Economics	4
II	Soft Skills- II (Leadership Quality & Development)	2
III	Core Paper – IX- Macro Economic Theory - I	4
III	Core Paper X- Public Economics - I	4
III	Core Paper XI – International Economics - I	4
III	Core Paper XII- Financial Markets and Services -I	4
III	Elective III – Entrepreneurial Development	4
III	Soft Skills- III (Employability Skills)	2
IV	Core Paper – XIII- Macro Economic Theory - II	4
IV	Core Paper XIV- Public Economics - II	4
IV	Core Paper XV – International Economics - II	4

IV	Core Paper XVI- Financial Markets and Services -II	4
IV	Elective IV – HumanResources Management	4
IV	Elective IV – Economics of Education	
IV	Soft Skill- IV (Corporate Skills)	2
IV	Internship	3
	TOTAL CREDITS	91

M.A. Economics
Course Structure

SEMESTER – I

Part	COURSE TITLE	Subject Code	CREDITS	CIA	ESE	Total
I	Core Paper I – Micro Economic Theory - I	2431101	4	50	50	100
I	Core Paper II – Statistical Methods - I	2431102	4	50	50	100
I	Core Paper III – Research Methodology	2431103	4	50	50	100
I	Core Paper IV- Health Economics	2431104	4	50	50	100
I	Elective I- Organisation and Behavioural Economics	2431105	4	50	50	100
II	Soft Skills- I (Personality Development))	2450103	2	50	50	100
	Total		22			

SEMESTER – II

Part	COURSE TITLE	Subject Code	CREDITS	CIA	ESE	Total
I	Core Paper V –Micro Economic Theory - II	2431206	4	50	50	100
I	Core Paper VI– Statistical Methods - II	2431207	4	50	50	100
I	Core Paper VII- –Indian Economic Development and Policy	2431208	4	50	50	100
I	Core Paper VIII- – Monetary Economics	2431209	4	50	50	100
I	Elective II- Managerial Economics	2431210	4	50	50	100
II	Soft Skills- II (Leadership Quality & Development)	2450203	2	50	50	100
	Total		22			

SEMESTER – III

Part	COURSE TITLE	Subject Code	CREDITS	CIA	ESE	Total
I	Core Paper – IX- Macro Economic Theory - I	2331311	4	50	50	100
I	Core Paper X- Public Economics - I	2331312	4	50	50	100
I	Core Paper XI – International Economics - I	2331313	4	50	50	100
I	Core Paper XII- Financial Markets and Services -I	2331314	4	50	50	100
I	Elective III – Entrepreneurial Development	2331315	4	50	50	100
II	Soft Skills- III (Employability Skills)	2350305	2	50	50	100
	Total		22			

SEMESTER – IV

Part	COURSE TITLE	Subject Code	CREDITS	CIA	ESE	Total
I	Core Paper – XIII- Macro Economic Theory - II	2331416	4	50	50	100
I	Core Paper XIV- Public Economics - II	2331417	4	50	50	100
I	Core Paper XV – International Economics - II	2331418	4	50	50	100
I	Core Paper XVI- Financial Markets and Services -II	2331419	4	50	50	100
I	Elective IV – Human Resources Management	2331420 (A)	4	50	50	100
	Elective IV – Economics of Education			50	50	100
II	Soft Skill- IV (Corporate Skills)	2350406	2	50	50	100
II	Internship	2331422	3			
	Total		25			
	Elective Offered for Other Departments- Contemporary Economic Issues		4	50	50	100

EVALUATION PATTERN (FOR P.G)

INTERNAL ASSESMENT PROCEDURE

For Students Admitted from 2021 onwards

SUBDIVISION	MARKS
ATTENDANCE	5
CIA TEST	30
GENERIC SKILLS	15
TOTAL	50

MARK ALLOCATION- For Students Admitted from 2021 onwards

INTERNAL MARKS 50+ EXTERNAL MARKS 50 = TOTAL MARKS 100

QUESTION PAPER PATTERN FOR EXTERNAL EXAMINATION- 100 Marks

PART-A
(2x10=20)

PART-B
(7x5 =35)
All Questions to be Answered with Internal Choice

PART – C
(15x3=45)
Question No 16 is Compulsory. Question Nos 17& 18 to be answered with Internal Choice.

P.G

SEM-III

MACRO ECONOMIC THEORY – I

Subject code: 31311

Total hours- 90

Credits -4

UNIT-I

National Income Concepts – Components - Circular flow of income in t w o – Three and four sector economy – National Income as a measure of Economic Welfare-Meaning of social accounting - Difficulties of Social Accounting – Recent trends.

UNIT-II

Basic assumption of the classist – Classical theory of employment and output – Assumptions - Says law of market – Essential aspects - Saving and investment theory - Wage and price flexibility - Criticisms of classical theory.

UNIT-III

Keynesian theory of employment and income - The concept of under employment – Aggregate demand - Consumption function and its determinants – Hypotheses of absolute, relative, permanent incomes and life cycle.

UNIT-IV

Theory of interest – Loanable fund – Liquidity preference theory - Hicks - Hansen IS – LM model.

UNIT-V

Theory of money: Fisher's quantity theory of money - Cambridge equations - Keynesian theory of money - Modern quantity theory of money - Milton Friedman - Patinkin's real balance effect – Tobin's portfolio analysis.

Recommended Texts:

1. Ishwar.C. Dingra - Macro Economic Theory
2. S. Sankaran - Macro Economics.
3. M.L. Jhingan Macro Economics
4. Varshney and Maheshwari Macro Economic Theory.
5. Jha.R. (Contemporary Macro Economic theory and Policy.)

Reference Books:

1. K.E. Boulding- (A Reconstruction of Economics)
2. Paul. A. Samuelson (Macro Economics)
3. Edward Shapiro (Macro Economic Analysis)
4. Ackley – Macro Economic Theory
5. Blackhouse. R. and A Salansi (Macro Economics and Real World)

Course Outcomes

CO1	To have knowledge on National Income and its concept
CO2	Students familiar with the classical concept
CO3	Students study about Keynesian Macro Economics
CO4	This model examines the three-sector using IS LM curve are thought to the students
CO5	To learn about the quantity theory of money

Mapping of CO v/s PO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7
CO1	3	3	3	3	3	3	3
CO2	2	3	3	3	3	3	3
CO3	3	2	3	3	3	3	3
CO4	3	2	3	2	3	3	3
CO5	3	3	3	3	3	3	3

6. Correlation levels: 1- Weak 2-Medium 3-High

PUBLIC ECONOMICS – I

Subject code: 31312

Total hours –90

Credits - 4

Course Description- The course deals with revenue & expenditure in India.

UNIT-I:

Mixed economy - Public and Private sectors – Fiscal Responsibility and Budget Management Act - Role of public enterprises in India - Pricing Policies of public enterprises - Administered price - Peak load pricing – Marginal cost pricing.

UNIT-II

Welfare foundation of public economics - Pareto optimality - Perfect competition – Imperfect Competition – Theory of Second Best-Arrow's social welfare function - Majority rule - Intensity of preference - Transaction cost and non-market decision making – Economic Bureaucracy.

UNIT-III

Theory of Private and Social goods – Social wants – Merit wants – Externalities – External Benefits – External costs – Market failures – Causes for Market Failures – Collective Supply of public Goods – Budget Principle.

UNIT-IV

Public Revenue and Public Expenditure – Wagner's law – Peacock Wiseman Hypothesis – Prof. Musgrave's Contribution to Public Expenditure – Structure and growth of Public Expenditure in India – Principles of Debt Management and Repayment in India.

UNIT-V

Evaluation of Public Expenditure – Cost Benefit Analysis – Application of Market principle – Net Present Value Criterion – Internal Rate of return Criterion – Social Rate of Discount – Performance Budgeting – Zero Based Budgeting – Unproductive Profit - Seeking Activities.

Recommended Texts:

1. Shankar Acharya, 2005, “Thirty Years of Tax Reform in India”, EPW May, pp. 14-20.
2. Rangarajan and D.K. Srivastava, 2005, “Fiscal Deficit and Government Debt: Implications for Growth and Stabilization”, Economic and Political Weekly, July 2-8.
3. M. Govinda Rao, 2011, “Goods and Services Tax: EPW, February, pp. 12-18.
4. Report of the 13th Finance Commission, 2010-15.
5. Economic Survey, Government of India (Latest).

Reference Books:

1. Joseph E. Stiglitz, Economics of the Public Sector, W.W. Norton & Company, 3rd edition, 2000.
2. R.A. Musgrave and P.B. Musgrave, Public Finance in Theory & Practice,
3. McGraw Hill Publications, 5th edition, 1989.

Course Outcomes

CO1	To understand the role & pricing policies of public enterprises.
CO2	Analyse the welfare foundation of public economics.
CO3	To identify the causes for market failure.
CO4	To analyse the theories, structure, growth & appraisal of public expenditure policy.
CO5	Explains cost benefit analysis, performance budgeting & zero base budgeting.

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	1	3	3	3
CO2	3	2	3	2	2	3	3
CO3	2	3	3	2	3	3	3
CO4	3	3	3	2	3	3	3
CO5	2	2	1	1	2	3	3

Correlation levels: 1- Weak 2-Medium 3-High

INTERNATIONAL ECONOMICS-I

Subject code:31313

Total hours –90

Credits -4

Course Description—The course enables students to comprehend the need, causes and effects of international trade through various analytical tools.

UNIT-I

Difference between inter-regional and international trade - Theories of international trade - Classical theories - Adam Smith and David Ricardo - Basic concepts - Community indifference curves, offer curves and trade indifference curve.

UNIT-II

J.S. Mill's theory of reciprocal demand - Haberler's theory of opportunity cost advantage - Modern theory of international trade - Heckscher Ohlin –Leontief Paradox- Samuelson's Factor price equalization theorem.

UNIT-III

New theories of international trade - Posner's imitation gap or technological gap theory - Vernon's product cycle theory - Kravis theory of availability – Kennan's theory of human capital.

UNIT-IV

Effect of Growth on trade- Effect of growth on Production, Trade, Welfare and Terms of Trade of a Small Country – Effects of Growth on Production, Trade and Welfare of a large country – Immiserising growth – Prebisch Singer Thesis – Impact of demonetization on international trade.

UNIT-V

International Cartels – Meaning, Objectives - Price, output and profit determination in a cartel – Case for and against cartel – Economic Integration – Types – Benefits – Problems – The Theory of customs Union and its effects.

Recommended Texts:

1. M.L. Jhingan – International Economics
2. Midhani - International Economics
3. S. Sankaran International Economics
4. M.C. Vaish and Sudhama – International Economics.
5. Dr. Radha – International Trade.

Reference Books:

1. B.O. Sodersten – International Economics
2. Kindleberger. C.P. International Economics
3. Paul. R. Krugman – International Economics theory and Policy.
4. Mudell Robert. A. International Economics
5. B.J. Cohen, Balance of Payments Policy 1969.

Course Outcomes

CO1	To understand the nature of international economics through various concepts and tools.
CO2	To compare and evaluate the classical and neo classical theories of international trade.
CO3	To understand and apprise the modern theories of international trade.
CO4	To analyse the effect of trade on growth.
CO5	To understand and evaluate the need for collusion and integration in international trade.

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	3	2	2	3	3
CO2	2	2	1	3	2	3	3
CO3	2	2	1	3	2	3	3
CO4	3	3	2	3	3	3	3
CO5	3	3	2	3	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

FINANCIAL MARKETS AND SERVICES- I

Subject code: 31314

**Total hours – 90
Credits -4**

Course Description- The course deals with the functioning of financial markets.

UNIT-I

Introduction to Indian Financial System- Financial institutions- Financial market- Capital and Money markets- Foreign exchange market – Financial instruments- Financial services- Importance and components of Financial Services.

UNIT-II

Legal and regulatory Frame work governing financial services- Financial sector reform – SEBI and SCRA. Various segments of financial markets.

UNIT-III

Stock Exchange in India – Organization, Structure, and Function- Present position of stock exchange- Need to control stock exchange- Steps taken by government to promote capital market in India.

UNIT-IV

International Financial market – International Capital market – Euro Currency market – Important international capital markets.

Unit-V

Online trading system – SEBI guidelines for capital issue – Pricing – Insider trading – Investor protection.

Recommended Text:

1. Prasanna Chandra : Fundamentals of Financial Management, Tata McGraw Hill
2. Dr. S.Guruswamy (2009): Financial Management.
3. B. Santanam - Financial Markets and Services

Reference Books:

1. Financial Management, Indian Institute of Banking and Finance(IIBF)
2. I.M. Pandey, Financial Management
3. Schall and Hataey, Introduction to Financial Management.
4. Khan and Jain, Financial Management
5. S.N. Maheshwari, Financial Management Sulthan Chand Publication.

Course Outcomes

CO1	Demonstrate comprehensive knowledge of Indian Financial Markets and Services.
CO2	Possess knowledge of legal and Regulatory frame work governing Financial Markets and Services.
CO3	Ability to analyze and interpret the working, Organization, and Functions of SEBI, and online trading
CO4	To understand the benefits and impact of International Financial and Capital Market in India.
CO5	Competence to excel in competitive Civil Services and SET, NET, Ph.D examinations

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	3	3	3
CO2	3	3	2	3	3	3	3
CO3	3	3	2	3	3	3	3
CO4	2	3	2	3	3	3	3
CO5	1	2	2	3	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

ENTREPRENEURIAL DEVELOPMENT

Subject code: 31315

Total hours – 90

Credits -4

Course Description- To transform potential entrepreneurs into actual entrepreneurs

UNIT-I

The entrepreneur – Definition – Classification – Start Ups – Characteristics of Entrepreneurs - Functions of entrepreneur – Role of entrepreneur in economic development

UNIT-II

Economic development and entrepreneurial growth - Entrepreneurial Development Programmes (EDP) - Role of government – Role of financial institution – Project Report – Project Appraisal – EFM Analysis (Economic, Financial and Market).

UNIT-III

Entrepreneurial scenes in India – NABARD, SIDBI, DIC, SFC, MSME Policy – Challenges faced by them.

UNIT-IV

Organization structure - Production planning - Project counselling – Capital– Role of banks – Women Entrepreneur – Self Help Groups – Schemes for Women Entrepreneur (Union & State Governments).

UNIT-V

Rural Entrepreneurship – Schemes for Rural Entrepreneurs (Union & State Governments) - New product ideas and evolution of market methods - Pricing policy – Distribution -.

Recommended Books:

1. Srinivasan N.P. & C.B. Gupta Entrepreneurial Development.
2. Dr. V. Radha Entrepreneurial Development.
3. Jayashree Suresh - Entrepreneurial Development.
4. C.B. Gupta and Khanka - Entrepreneurship and small Business Management.
5. Prassanna Chandra - Entrepreneurial Development

Reference Books:

1. Vasanth Desai Problems & Prospects of small industries in India.
2. Khan - Management of small-scale industries.
3. Dr. N. Premavathy - Entrepreneurial Development
4. J.M. Parkin - How to Finance small Business Enterprises.

5. K.K. Menon – Handbook of small Industries Management

Course Outcomes

CO1	To understand the basic concept of entrepreneurship
CO2	To assess the role of entrepreneur in public and private sector
CO3	To outline the various entrepreneurial development programmes in India with special reference to women
CO4	To analyze the role and effectiveness of banks in promoting entrepreneurship
CO5	To understand the various concepts related to pricing and distribution

Correlation levels: 1- Weak 2-Medium 3-High

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	1	2	2	3	3	3
CO2	3	3	3	2	2	3	3
CO3	3	1	1	1	3	3	3
CO4	1	3	3	1	2	3	3
CO5	2	1	2	2	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

P.G

SEM-IV

MACRO ECONOMIC THEORY – II

Subject code: 31416

**Total hours - 90
Credits -4**

Course Description- The course deals with an understanding of multiplier, accelerator, inflation and business cycles.

UNIT-I

Investment function - Types of investment –Determinants - Marginal efficiency of capital - Marginal efficiency of investment- Multiplier analysis- Accelerator and investment behavior concept of super multiplier.

UNIT-II

Supply of money - A behavioral model of money supply - Determinants of money supply- RBI approach to money supply- High powered money and money multiplier- Money supply in open economy-Control of money supply.

UNIT-III

Theory of inflation: Concepts – Demand pull & cost push inflation - Inflationary gap - Wage push and profit push inflation - Phillips curve controversy - Tobin's modified Philips curve - Policies to control inflation.

UNIT-IV

Business cycle - Theories of Schumpeter, Kaldor, Samuelson and Hicks - Control of business cycles - Relative efficiency of monetary and fiscal policies.

UNIT-V

Macroeconomics in open economy - Mundell Fleming model – Macro Economic policy goals - Full employment – Price stability - Monetary and fiscal mechanisms in the Indian context.

Recommended Texts:

1. Ishwar.C. Dingra - Macro Economic Theory
2. S. Sankaran - Macro Economics.
3. M.L. Jhingan - Macro Economics
4. Varshney and Maheshwari - Macro Economic Theory.
5. Jha.R. - Contemporary Macro Economic theory and Policy.

Reference Books:

1. K.E. Boulding - A Reconstruction of Economics
2. Paul. A. Samuelson (Macro Economics)
3. Edward Shapiro (Macro Economic Analysis)
4. Ackley – Macro Economic Theory
5. Blackhouse. R. and A Salansi (Macro Economics and Real World)

Course Outcomes

CO1	They can have clear idea on investment, multiplier, accelerator & super multiplier.
CO2	They can gain a full knowledge about liquidity aspects of money supply in the open economy
CO3	They can differentiate a normal verses galloping price level in the economy and also familiar with controlling techniques of inflation
CO4	To understand volatilities in the business
CO5	They can easily differentiate monetary verses fiscal policy & they have clear idea about macroeconomics goals

Correlation levels: 1- Weak 2-Medium 3-High

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	3	3	3	3	3
CO2	3	3	3	2	3	3	3
CO3	3	3	3	3	3	3	3
CO4	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

PUBLIC ECONOMICS-II

Subject code: 31417

**Total hours - 90
Credits - 4**

Course Description- The course explains the tax structure, public debt, and federal finance in India.

UNIT-I

Taxation - Theories of taxation - Benefit and Ability to pay principles - Concept of excess burden of taxes - Classical and modern views - Tax structure in India - Particular taxes - Personal income tax - Corporation tax - Capital gains tax - Union excise duties - Tax evasion - Tax reforms - State taxes - Appraisal of tax policies of India – Four Pillars of GST.

UNIT-II

Public debt - Theories of public debt - Classical and Modern theories - Concept of burden of public debt - Growth and Composition of public debt in India – Views of Debt, Burden of Debt, Debt Management and implication on growth.

UNIT-III

Fiscal policy - Classical concept – Modern Concept – Instruments of Fiscal Policy – Role in developed and Under developed economies – Built – In Stabilizers – Rules vs Discretion - Budgetary, fiscal deficit and its measurement – Fiscal policy with Special reference to Under-developed and Developing countries.

UNIT-IV

Fiscal federalism - Principle of federal finance - Fiscal federalism in India - Assignment of functions and sources of revenue Criteria for resource transfer from Centre to State.

UNIT-V

Finance commission and planning commission - Report of latest finance commission in India – Trend and composition of Revenue and Expenditure - Backwardness and other criteria - Union state financial relations - Problems of state indebtedness. Local finance - Finance for local bodies-

Recommended Texts:

1. Shankar Acharya, 2005, “Thirty Years of Tax Reform in India”, EPW May, pp. 14-20.
2. Rangarajan and D.K. Srivastava, 2005, “Fiscal Deficit and Government Debt: Implications for Growth and Stabilization”, Economic and Political Weekly, July 2-8.
3. M. Govinda Rao, 2011, “Goods and Services Tax: EPW, February, pp. 12-18.
4. Report of the 13th Finance Commission, 2010-15.
5. Economic Survey, Government of India (Latest).

Reference Books:

1. Joseph E. Stiglitz, Economics of the Public Sector, W.W. Norton & Company, 3rd edition, 2000.
2. R.A. Musgrave and P.B. Musgrave, Public Finance in Theory & Practice, McGraw Hill Publications, 5th edition, 1989.
3. John Cullis and Philip Jones, Public Finance and Public Choice, Oxford University Press, 1st edition, 1998.

Course Outcomes

CO1	Understand the tax structure & policies in India
CO2	Identify the growth & composition of public debt in India.
CO3	Analyse & understand the instruments of fiscal policy.
CO4	Understand the principles of federal finance.
CO5	Discuss the problems of state indebtedness & recommendations of latest finance commission.

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	2	2	3	3	3
CO2	3	3	2	1	3	3	3
CO3	3	2	3	2	3	3	3
CO4	2	3	3	2	3	3	3
CO5	3	3	3	2	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

INTERNATIONAL ECONOMICS-II

Subject code: 31418

**Total hours – 90
Credits-4**

Course Description –The course enhances students' knowledge of understanding the nuances of trade relationship between countries in the form of exchange rate determination, achievement of external equilibrium and solution of the problems of international debt and liquidity.

UNIT-I

Balance of payments and national income - Balance of payments disequilibrium - Causes and corrective measures - Automatic mechanism – Foreign trade multiplier and national income - Repercussions of balance of payment disequilibrium and stability problem.

UNIT-II

Exchange rate determination - Purchasing power parity theory – Fixed vs flexible exchange rate system - Developments in international monetary systems- Recent developments in exchange rate management.

UNIT-III

Devaluation of currency - Elasticity approach - Income absorption approach - Monetary approach - Exchange controls – Means of achieving internal and external equilibrium - Fiscal and monetary mix.

UNIT-IV

Tariffs and Quotas – Free trade vs protection - Effective rate of protection, non-tariff barriers - Dumping -Exchange controls- Trade problems of developing countries.

UNIT-V

The international monetary system – IMF, WTO, UNCTAD, GATT - The euro dollar market - Problems in international monetary system - International debt - International liquidity - Recent developments and issues in regional common currencies.

Recommended Texts:

1. M.L. Jhingan – International Economics
2. Midhani - International Economics
3. S. Sankaran International Economics
4. M.C. Vaish and Sudhama – International Economics.
5. Dr. Radha – International Trade.

Reference Books:

1. B.O. Sodersten – International Economics
2. Kindleberger. C.P. International Economics
3. Paul. R. Krugman – International Economics theory and Policy.
4. Mudell Robert. A. International Economics
5. B.J. Cohen, Balance of Payments Policy 1969.

Course Outcomes

CO1	To understand the trade relationship between India and the world economy.
CO2	To explain how exchange rates are determined between the rupee and other currencies and factors causing changes in them..
CO3	To outline the tools that are adopted by a country for external equilibrium.
CO4	To analyze the effectiveness of the tools for achieving external equilibrium.
CO5	To compare the role of international economic organizations in solving problems of international debt and liquidity.

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	1	2	2	3	3	3
CO2	3	3	3	2	2	3	3
CO3	3	1	1	1	3	3	3
CO4	1	3	3	1	2	3	3
CO5	2	1	2	2	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

FINANCIAL MARKETS AND SERVICES- II

Subject code: 31419

**Total hours – 90
Credits -4**

Course Description - The course deals with the functioning of the banking sector.

UNIT-I

Banking system in India – RBI- Commercial Banks – Co-operative Banks, Agricultural Finance – Industrial Development Banks – NABARD – SIDBI - Exim Bank. Non-Banking Financial Companies – Functions – Role – Problems.

Unit-II

Consumer Finance – Significance – Benefits to consumer - Different types of loans available to consumers – Pledge – Mortgage – Hypothecation – Assignment consumer protection Act. 2002.

Unit-III

Derivative markets - Operations and features – Trading systems- Pricing derivatives – Currency and interest swaps – Derivative market in India.

Unit-IV

Financial Services – Merchant Banking – Role and responsibilities - Public Issue, Underwriting, Leasing, Factoring – Steps involved and types and benefits of leasing - Regulations by SEBI

Unit-V

Venture Capital – Features – Importance of Venture capital financing - Stages - Types - SEBI Regulations on Venture Capital

Recommended Text:

1. Prasanna Chandra, Fundamentals of Financial Management Tata McGraw Hill
2. Dr. S.Guruswamy (2009), Financial Management.

Reference Books:

1. Financial Management, Indian Institute of Banking and Finance (IIBF)
2. I.M. Pandey, Financial Management
3. Schall and Hataey, Introduction to Financial Management.
4. Khan and Jain, Financial Management

Course Outcomes

CO1	To demonstrate and recall comprehensive knowledge of Banking system in India.
CO2	To apply the principles and features of consumer finance in real life.
CO3	To analyze the operations, and significance of derivative markets in India.
CO4	To possess comprehensive knowledge of various financial services, and understand its growing importance in increasing investments for economic development.
CO5	To understand the need for Venture Capital finance, in promoting investments in large investment projects.

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	3	2	3	3	3
CO2	3	2	3	2	3	3	3
CO3	3	3	2	3	3	3	3
CO4	3	3	3	3	3	3	3
CO5	3	2	3	3	3	3	3

Correlation levels: 1- Weak 2-Medium 3-High

HUMAN RESOURCES MANAGEMENT

Subject code: 31420 (A)

Total hours – 90

Credits -4

Course Description- Analyse the and evaluating human workforce as a resource with respect to public and private sector

UNIT-I:

Human resources management – Meaning – Nature – Scope– Objective – Importance – Evolution of HRM – HRM in India – Computer Application in HRM.

UNIT – II

Human capital - Human capital and growth and development - Contribution of human capital to development - Human Resource Planning – Human Resource Capital & Productivity – Measurement of Human Value addition into money value.

UNIT-III

Investment in human capital - Consumption and investment aspects of human capital – Employees Welfare – Safety & Health measures - Grievance.

UNIT-IV

Recruitment – Selection – Training – Meaning - Sources of recruitment - Process of selection - Training types and methods – Career Planning – Man Power Planning – Placement & Induction.

UNIT-V

Wage & salary administration – Incentives - Performance appraisal – Promotion – Transfer – Demotion - Pay Commission – Wage Boards & Incentive.

Recommended Books:

1. J. Jaishanker Human Resource Management
2. Dr. Radha Human Resource Development
3. Dr. N. Premavathy Human Resource Management
4. Dr. C.P. Gupta Human Resource Management
5. Dr. A.Murthy Human Resource Management

Reference Books:

1. Philip kotler. Mc Graw Hill Human Resource Management
2. Snell Bohlander Human Resource Management
3. Prasanna Chandra Human Resource Management
4. Narko Blaug, Information To Economics Of Education, Penguin
5. V.S.P.Rao, Human Resouces Management – Text & Casio – Excel Books - New Delhi.

Course Outcomes

CO1	To duplicate the concepts related to HRM
CO2	To compare the concepts given by Adam Smith and Marshall
CO3	To examine the role of private and social investment with respect to HRM
CO4	To demonstrate the use of various model related to recruitment and training
CO5	To associate with various concepts of wage salary administration, demotion & grievance handling and promises employability at both private and public sector enterprises

Mapping of CO v/s PSO

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	1	1	1	2	3	3
CO2	2	3	3	3	2	3	3
CO3	1	2	2	2	3	3	3
CO4	3	1	1	1	2	3	3
CO5	2	3	3	3	2	3	3

Correlation levels: 1- Weak 2-Medium 3-High