M.O.P. VAISHNAV COLLEGE FOR WOMEN

(AUTONOMOUS)

Choice-Based Credit System Course of Study for the batch of Candidates

to be admitted in

2023-2024

2022-2023

2021-2022

ACADEMIC YEAR 2023-2024

B.A. (Economics)

Activities / Content with direct bearing on Employability/ Entrepreneurship/ Skill Development

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M.O.P. VAISHNAV COLLEGE FOR WOMEN

(AUTONOMOUS)

Choice Based Credit System

Course of Study and scheme of Examinations for the Batch of Candidates admitted in 2023-24

Batch 2023-2026

B.A. (Economics)

Semester I & II

No. 20, IV Lane, Nungambakkam High Road,
Chennai – 600 034, Tamil Nadu, India
Tel: (044)2833 0262, 2833 0507
Email: mopvaishnav@mopvc.edu.in
Website: www.mopvc.edu.in

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CORE I – INTRODUCTORY MICROECONOMICS

COURSE CODE: 20UECO301	**YEAR/SEM: I/I**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To develop foundation of the microeconomic principles and economic way of thinking in individual economic decision-making process

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To introduce the foundation concepts and methodology of economic theory
Co2	To elaborate the basic laws of demand and supply and their functioning in the market and daily life
Co3	To explore the concept of consumer equilibrium and changes in consumer behaviour due to changes in prices and income
Co4	To describe the various types of production and cost functions and identify various economies and diseconomies of scale
Co5	To classify different kinds of market structures and price output determination mechanism

Unit – I: Introduction to Microeconomics

The scope and methods of economics, scarcity and choice - Basic problems of economic system Basic Concepts – Production Possibility Frontier, Opportunity Cost, Equilibrium, time and efficiency (10 Hours)

Unit – II: Demand and Supply Analysis

Demand – demand function, determinants, law of demand, shifts in demand, exceptions to the law of demand – Elasticity of demand – price, income, cross, factors affecting elasticity of demand, measurement of elasticity of demand, applications of elasticity of demand, Supply- supply function, determinants, law of supply, supply curves , Elasticity of supply and its application (15 Hours)

Unit – III: Consumer Behaviour

Cardinal utility Analysis –law of diminishing marginal utility, law of equi-marginal utility consumer equilibrium, Ordinal utility analysis – indifference curve and schedule, Marginal Rate of Substitution (MRS), properties of indifference curves, Consumer equilibrium -price, income and substitution effects – introduction to revealed preference theory – Concept of consumer surplus (10 Hours)

Unit – IV: Theory of Production and Costs

Production – short run and long run production function, production function with two variable factors, Costs – cost concepts and classifications, cost output relations, Economies and diseconomies to the scale of production (15 Hours)

Unit – V: Market Structures – I

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Revenue Concepts, Market classification - firm and industry concepts - time element , Price and Output determination under perfect competition, Monopoly – Characteristics, Price and output determination under Monopoly in short run and long run, price discrimination – degrees of price discrimination; applications of price discrimination and case of dumping

(10 hours)

Text Book:

- H.L. Ahuja (2018), Advance Economic Theory, S. Chand Publication, 21e
- Robert Pindyck and Daniel Rubinfeld (2017), Microeconomics, Pearson Publicaton, 8th edition

Reference Books:

- Paul A Samuelson & William D Nordhaus (2013), Economics, McGraw Hill Publication, 19e
- Karl E. Case and Ray C. Fair (2007), Principles of Economics, Pearson Education Inc., 8th Edition.
- N. Gregory Mankiw, Economics: Principles and Applications (2007), India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition.
- Joseph E. Stiglitz and Carl E. Walsh (2007), Economics, W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition.

WEB RESOURCES:

- **https://openstax.org/details/books/principles-microeconomics-2e**
- **https://ocw.mit.edu/ans7870/14/14.01SC/MIT14_01SCF11_rttext.pdf**
- **https://www.youtube.com/watch?v=Vss3nofHpZI&list=PL61533C166E8B0028&index=1**
- **https://www.businesstopia.net/economics/micro/uses-price-elasticity-demand-business-decision-making**
- **https://mh.bmj.com/content/29/2/81.full**
- **https://www.investopedia.com/ask/answers/042215/what-difference-between-economies-scope-and-economies-scale.asp**
- **https://www.researchgate.net/publication/326122139_Regulating_monopoly_price_discrimination**
- **https://link.springer.com/chapter/10.1007/978-1-349-01860-4_2**
- **https://fee.org/articles/competition-monopoly-and-the-role-of-government/**

ACTIVITY PLANNER (These activities are only indicative. Subject faculty can innovate)

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S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Think-Pair- share: Introduction to Microeconomics	Cooperative learning		
2	Activity: Take a survey of the selfishness of at least 10 random people and record your observations	Survey skills		
3	Hands-on activity: Opportunity cost	Experiential learning		Decision making skills
4	Activity: Prepare an elaborate list of items used at home and classify them in various categories of goods. Record the changes in purchase with a change in prices and comment on elasticity of demand	Experiential Learning Economic way of thinking		
5	MCQ preparation		Competitive exam skills	
6	Class activity: Drawing of indifference curve, budget line and equilibrium with the help of hypothetical data.	Illustration skills		
7	Class discussion: "How do you spend pocket money received from your parents? Justify."		Application of economic concepts (Consumer utility analysis) to expenditure in real life	
8	Panel Discussion: Topic: "Are Large scale industries more efficient in capacity utilisation?"	Interactive learning		Optimization of production and cost
9	Class Discussion: Indian Railways and monopoly practices.	Participatory learning		

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COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Define, elaborate and examine core economic terms, concepts, and methodology of microeconomics	1	**An**
CO 2	Graphically illustrate and critically explain various laws and theories	1	**E**
CO 3	Develop rational thinking in consumer decision making process	4	**C**
CO 4	Elaborate and test the relationship between short run and long run production function, short run and long run cost functions	1, 2	**E**
CO 5	Distinguish between the various forms of market and establish market equilibrium under perfect competition and monopoly	2	**An**

***PSO – Programme Specific Outcome; Co – Course Objective; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III

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	2 questions	Unit IV
	2 questions	Unit V
Section B	2 questions	Unit I
	1 question	Unit II
	2 questions	Unit III
	1 question	Unit IV
	2 questions	Unit V
Section C	1 question	Unit I/II
	1 question	Unit III
	1 question	Unit IV/V

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B.A. ECONOMICS

CORE II - INDIAN ECONOMY

COURSE CODE: 22UECO301	**YEAR/SEMESTER: I/II**	**MAX MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS: 60**

GENERAL OBJECTIVE:

To equip students with conceptual foundations and relevant data on macroeconomic concepts and sectors of Indian economy and Tamilnadu economy

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To outline the nature of Indian economy and highlight the changes
Co2	To discuss the national income and the major issues of poverty, inequality, unemployment and human development in India in comparison to other countries
Co3	To provide qualitative and quantitative overview of different sectors of Indian Economy
Co4	To describe the components of international trade and analyse India's Balance of Payments
Co5	To identify various components of revenue and expenditure in the Union budget and to overview of Indian economy and Tamilnadu Economy

Unit – I Introduction to Indian Economy

Features and issues of Indian Economy - Planned Economic Development in India - achievements and failures of planning in India – economic crisis and rationale behind economic reforms – New Economic Policy (LPG) 1991 – NITI AAYOG (10 hours)

Unit – II National Income, poverty, unemployment and Human Development Index

National income – sectoral contributions and economic transition in India – Poverty and Inequality – definition and estimate, Gini Coefficient, SEN Index, poverty line - income and regional inequality – causes and corrective measures, unemployment: nature and extent, corrective measures – HDI – International comparisons (15 hours)

Unit – III Sectors of Indian Economy

Indian agriculture – Trends in production and productivity – land reforms – green revolution - agricultural pricing - agricultural marketing – food security

Industrial Development – trends and problems, MSMEs – role, problems, and policy perspective to help MSMEs – Industrial policy 1991 and recent developments

Overview of Services Sector in India (15 hours)

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Unit – IV Foreign Trade

Importance of foreign trade for a developing economy-composition and direction of India's foreign trade- role of FDI-BOP crisis- India's trade policy (10 hours)

UNIT-V Government Budget (Expenditure and Revenue) and Tamil Nadu Economy Overview

Trends in revenue and expenditure of central and state Governments-deficit finance in India-current year budget of government of India and Tamil Nadu -Finance commission- role and functions, federal finance in India – Economic Survey of India – Overview of Tamil Nadu Economy (10 hours)

TEXT BOOK:

- P. K. Dhar (2022), Indian Economy – Its Growing Dimensions, Kalyani Publications 25th edition.

REFERENCE BOOKS

- V.K. Puri & S.K. Misra (2022) Indian Economy, Himalaya Publishing House, 40th edition.
- Ahluwalia, I. J. and IMD Little (Eds.) (1998). India's Economic Reforms and Development, Oxford University Press, New Delhi.
- Byres, T.J. (Ed.) (1997), The State, Development Planning and Liberalization in India, Oxford University Press, New Delhi.
- Byres, T.J. (Ed.) (1998), The Indian Economy: Major Debates Since Independence, Oxford University Press, New Delhi.
- Kausik Basu (Ed.) (2012), Oxford Companion to Indian Economy, 3rd Edition, OUP, New Delhi.
- Uma Kapila (Ed.) (2017-18) Indian Economy Since Independence , Academic Foundation, New Delhi, 28th Edition.
- AshimaGoyal(Ed.) The Oxford Handbook of the Indian Economy in the 21st Century: Understanding the Inherent Dynamism, Oxford University Press.

WEB RESOURCES

https://www.pib.gov.in/allRel.aspx
https://www.niti.gov.in/documents/reports
https://www.niti.gov.in/documents/arth-niti
https://www.niti.gov.in/annual-reports

ACTIVITY PLANNER (These activities are only indicative. Subject faculty can innovate)

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List of activities for Employability / Skill Development / Entrepreneurship Skill Development

S. NO	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Group Discussions :Topics of Importance from Competitive exams point of view: NEP 1991	Interactive learning	Competitive exam skills	Exposure to economic environment
2	Trend analysis: India's National income	Data Analysis skills		
3	Group Assignment : To Present The Various Poverty Alleviation Programs	Presentation skills, Report writing skills, Research skills		
4	MCQ quiz: Trends in production and productivity of agricultural and industrial sector		Competitive exam skills	
5	Debate: Green revolution	Critical thinking skills		
6	Hands on activity: India's foreign trade in comparison to other countries	Experiential learning	Competitive exam skills	
7	Panel Discussion on Latest Union Budget	Analytical skills		
8	MCQ quiz on Economic survey of India		Competitive exam skills	

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COURSE OUTCOMES: On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Appraise the nature, problems and progress of Indian economy	2	**E**
CO 2	Analyse trends in National Income and assess the causes of Poverty, Inequality and Unemployment in India	1	**An**
CO 3	Evaluate the growth of Agricultural, Industries and services sectors and argue various policy programmes aimed at its growth	5	**E**
CO 4	Compare the composition and direction of Foreign trade in India and evaluate the Balance of Payments position	1, 2	**E**
CO 5	Examine the nature and scope of Public Finance in India with special reference to Union Budget and Tamil Nadu Economy	4, 5	**An**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	1 question	Unit I
	2 questions	Unit II
	2 questions	Unit III
	1 question	Unit IV
	2 questions	Unit V
Section C	1 question	Unit I
	1 question	Unit II/III
	1 question	Unit IV/V

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B.A. ECONOMICS

ALLIED I – ENTREPRENEURSHIP DEVELOPMENT AND SMALL BUSINESS MANAGEMENT

COMMON TO B. Com (A&F), B.Com (CS), B.Com (MM), B.Com Hons, BBA and B.A. Economics

COURSE CODE: 21UMAN302	**YEAR/SEMESTER: II/III**	**MAXIMUM MARKS:100**
COURSE TYPE:THEORY	**CREDITS: 5**	**TOTALTEACHING HOURS: 75**

GENERAL OBJECTIVE

To develop and strengthen the entrepreneurial skill sets in students and motivate them to start their business venture.

COURSE OBJECTIVES (Co)

Co No.	Course Objectives
Co1	To familiarize students with the concept of entrepreneurship and its role in economic development
Co2	To enable students to identify business opportunities, prepare B Plans and Project Appraisals Reports
Co3	To identify sources of finance in India to start entrepreneurial ventures
Co4	To understand the key concepts and ideas to run small business and family owned business ventures
Co5	To acquaint students with the emerging trends in entrepreneurship

UNIT I Introduction to Entrepreneur and Entrepreneurship

Concept of Entrepreneur – Meaning and evolution – Characteristics and Functions of an Entrepreneur – The Entrepreneurial Decision Process – Need for Entrepreneurs – Types of Entrepreneurs – Entrepreneurial Skills – Difference between Wage Employment and Self – Employment – Concept of Intrapreneur – Entrepreneur v/s Intrapreneur

Concept of Entrepreneurship – Meaning and elements – Role of Entrepreneurship in Economic Development – Factors Affecting Entrepreneurial Growth (15 Hrs)

UNIT II B – Plan, Project Appraisal, and Business Model Canvas

Identification of Business Opportunities – Business opportunities in various sectors – Idea generation – Sources and Methods of idea generation – Opportunity and Product identification

B-Plan Writing – Meaning, Contents of a B-Plan, Formulation of B – Plan and common errors in B - Plans

Project Appraisal – Meaning and Methods – Economic, Financial, Market, Technical and Managerial Feasibility

International Business Model Canvas Creation – Meaning – Components and Building Blocks of the Canvas (15 Hrs)

UNIT III Business Creation and Support

Steps for Setting up a Business – Ownership Structure, Registration, Licensing and Legal Formalities

Need for financial planning - Sources of Finance – Internal and external sources – Term loans – Venture Capital, Export Finance, Angel Investors – Institutional Support to Entrepreneurs – NSIC, SIDO, SSIB, SSID, SISIs, DICs, TCOs, Industrial Estates and Specialised Institutions (15 Hrs)

UNIT IV Business Establishments

Small Enterprises – Meaning, Types, Characteristics, Objectives – Micro and Macro Units – Relationship, rationale and scope – Role of Micro Enterprises in Economic Development – Problems of Small Scale Industries – Package for promoting small enterprises – MSMED Act 2006

Family Business – Meaning, Characteristics, Advantages, Disadvantages, Types, Major challenges – Succession Planning – Making family business effective – Five Assets and Ten Commandments of family business

Women Entrepreneurship – Concept, Functions, Problems and limitations (15 Hrs)

UNIT V Emerging Entrepreneurship Trends in India

Social Entrepreneurship – Meaning and Definition – Difference between Business Entrepreneurship and Social Entrepreneurship – Characteristics of Social Entrepreneurs – Boundaries of Social Entrepreneurship (Social Service Provision and Social Activism)

Rural Entrepreneurship – Meaning and Need, Development of Rural Entrepreneurship – Types of Rural Entrepreneurship – Problems of Rural Entrepreneurship – Role of NGOs in Rural Entrepreneurship – Concept of Rural Tourism Entrepreneurship in India

Agri-Preneurship – Meaning, Need, Opportunities and Challenges – Developing Agri-Preneurship

Start Ups and Co -Working Spaces (15 Hrs)

TEXT BOOK

- Dr. S.S. Khanka. Entrepreneurial Development, S.Chand (Latest Edition)

REFERENCE BOOK

- Jayashree Suresh, (Reprint 2020) Entrepreneurial Development, Margham Publications.
- CharantimathPoornima, (Reprint) Entrepreneurship Development – Small Business Enterprises. Pearson Education
- Dr. C.B. Gupta & Dr. S.S. Khanka (Reprint 2020) Entrepreneurship and Small Business Management. Sultan Chand & Sons

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E-RESOURCES

WebLinks

- http://www.sasurieengg.com/e-course-material/MBA/II-Year-Sem-
- https://simon.rochester.edu/fac/raith/Entrepreneurship/Doyle/ENT422%20Fall06/Articles/Creativity%20and%20the%20Business%20Idea.pdf
- http://www.business.uzh.ch/dam/jcr:00000000-505f-0781-0000-000015ca410a/Kap3primerentrepreneuruka.pdf
- https://www.inc.com/encyclopedia/family-owned-businesses.html
- http://www.fimt-ggsipu.org/study/bcom305.pdf

YouTube Links

- https://www.youtube.com/watch?v=f76wtylyEFk
- https://www.youtube.com/watch?v=MdNNGfoxrqA
- https://www.youtube.com/watch?v=wZhXcyIODSc
- https://www.youtube.com/watch?v=kixaIURlfJ8
- https://www.youtube.com/watch?v=4e4ZTUiSDI

ACTIVITY PLANNER *(These activities are only indicative, the faculty member can innovate)*

List of activities for Employability/Entrepreneurship / Skill Development

- Conduct of 'The Market Place' – One Day Business on Campus activity
- Journey mapping - Students to trace the journey of any successful women entrepreneur
- Classroom seminar on Emerging Entrepreneurship Trends in India
- Knowledge sharing session on the functioning of selected government institutions in promoting entrepreneurship
- Focus group discussion on the impact of entrepreneurial growth on the economic development of India
- Flash card game for identifying entrepreneurial traits and skills
- Think - Pair - Share activity on the traits of successful entrepreneurs
- Preparation and presentation of a Business plan for a mock business idea

COURSE OUTCOMES

COs	Course Outcomes	PSOs Addressed	Cognitive Level
CO 1	Examine the significance of entrepreneurship and the Role of entrepreneurs in the economic growth of India	1,2	An
CO 2	Outline and analyze the opportunities and constraints In developing global business ideas and prepare B plans and project appraisal reports	1,4	An, C

CO 3	Evaluate the various sources of finance for entrepreneurs and compose the steps involved in setting up a business	1	E, C
CO 4	Evaluate the concepts and issues of Small Enterprises, Family Business Management and Women Entrepreneurship.	1	E
CO 5	Outline the various emerging trends in entrepreneurship	2	An

***R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

QUESTION PAPER PATTERN:

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

DISTRIBUTION OF QUESTIONS

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	2 questions	Unit I
	1 question	Unit II
	1 question	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section C	1 question	Unit II
	1 question	Unit III
	1 question	Unit IV/ V

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CORE III: INTERMEDIATE MICROECONOMICS

COURSE CODE: 20UECO304	**YEAR/SEM:I/II**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To build on the intuition learned in introductory microeconomics and introduce necessary tools for understanding microeconomics at the intermediate level

COURSE OBJECTIVES (Co):

Co No.	COURSE OBJECTIVE
Co1	To illustrate market equilibrium under imperfect competition
Co2	To define the core concepts of game theory and explain its significance in decision making
Co3	To classify classical and modern factor pricing theories
Co4	To elucidate the theories on Rent, Interest and Profit
Co5	To distinguish between Partial and General Equilibrium analysis and introduce the concept of welfare economics

Unit – I: Market Structures - II

Monopolistic competition – meaning, features, price and output determination in the short-run and long run – non price competition (selling cost), excess capacity under monopolistic competition, Oligopoly -Characteristics, Pricing and Output determination under Price Leadership - kinked demand curve model (13 hrs.)

Unit - II Game Theory

Game Theory – Introduction, cooperative and non-cooperative games, dominant strategy, Nash Equilibrium, maximin and minimax strategy, saddle point, prisoner's dilemma, instability of cartel, entry deterrence (12 hrs.)

Unit – III: Theory of Factor Pricing - I

Theory of distribution - a general view: Pricing of factors in Competitive and Imperfect Markets: MRP, VMP, Factor-Employment equilibrium, General Conditions, factor pricing under Monopsony, Exploitation of Labour under different market situations. (13hrs.)

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Unit – IV: Theory of Factor Pricing - II

Various concepts of rent – Ricardian Theory of rent: Scarcity rent, differential rent and Quasi – rent. Classical theory of interest, Keynes's Liquidity preference theory of interest – Profit as a Dynamic Surplus, Innovation and profits, Risk, Uncertainty and Profits (12 hrs.)

Unit – V: General Equilibrium and Welfare Economics

General equilibrium – Walras' Analysis – General Equilibrium under pure exchange and production, Welfare economics – concept and conditions of Pareto Optimality – compensation principle (10 hrs.)

TEXT BOOK:

- H.L. Ahuja (2018), Advance Economic Theory, S. Chand Publication, 21st edition
- Robert Pindyck and Daniel Rubinfeld (2017), Microeconomics, Pearson Publications, 8th edition

REFERENCE BOOKS:

- Paul A Samuelson & William D Nordhaus (2013), Economics, McGraw Hill Publication, 19th edition
- Karl E. Case and Ray C. Fair 2007, Principles of Economics, Pearson Education Inc., 8th Edition.
- N. Gregory Mankiw, Economics (2007): Principles and Applications, Cengage Learning India Private Limited, 4th edition.
- Joseph E. Stiglitz and Carl E. Walsh, Economics (2007), W.W. Norton & Company, Inc., New York, International Student Edition, 4th Edition.

WEB RESOURCES:

- https://www.researchgate.net/publication/326122139_Regulating_monopoly_price_discrimination
- https://link.springer.com/chapter/10.1007/978-1-349-01860-4_2
- https://fee.org/articles/competition-monopoly-and-the-role-of-government/
- https://www.economist.com/game-theory/2015/02/03/threes-a-charm
- https://kids.frontiersin.org/article/10.3389/frym.2017.00066
- https://www.researchgate.net/publication/256473555_A_REVIEW_OF_GAME_THEORY
- https://www.epi.org/publication/how-todays-unions-help-working-people-giving-workers-the-power-to-improve-their-jobs-and-unrig-the-economy/
- https://www.ippr.org/files/2018-06/cej-trade-unions-may18-.pdf
- https://ctaar.rutgers.edu/gag/NOTES/micnotes11.html
- https://www.researchgate.net/publication/335023002_Profit_Theory_1
- https://www.researchgate.net/publication/323388526_Theory_of_Interest_Rate
- https://www.soas.ac.uk/cedep-demos/000_P570_IEEP_K3736-Demo/unit1/page_26.htm
- https://www.economics.utoronto.ca/osborne/2x3/tutorial/PE.HTM

- https://stason.org/TULARC/ideology/anarchy/15-a-The-concept-and-uses-of-Pareto-optimality-in-economics.html

COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Distinguish between the various forms of market and establish market equilibrium under monopolistic competition and oligopoly	1, 2	**An**
CO 2	Develop strategies by applying the tools and concepts of game theory in decision making	4	**C**
CO 3	Analyse various kinds of factor markets and price determination process of factor inputs	2, 3	**An**
CO 4	Evaluate the various theories of rent, interest and profits	1	**E**
CO 5	Analyse General Equilibrium and welfare using Edgeworth box	1, 2	**An**

***PSO – Programme Specific Outcome; Co – Course Objective; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative. Subject faculty can innovate)

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S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	**Group Discussion:** Price Wars in Indian Telecom Industry	Analytical Skill collaborative Learning		
2	**Group Assignment:** A report on MRTP act 1969 and the subsequent changes made in the Act.	Academic Writing Skills Presentation Skills		
3	**MCQ quiz**		Competitive exam skills	
4	**Case Study Analysis "**Are the Big Four Audit Firms Too Big to Fail" – Illustrating how the Oligopolistic Market Structures apply their Pricing Strategies to Compete with other firms.	Problem Solving Skills		

5	**Game Theory:** Simulation Model – "Evolution of Trust "– Game Simulation Model to Depict the Examples for Nash Equilibrium, Dominant Strategy, Co-Operative and Non-Co-operative, Prisoners Dilemma.	Experiential Learning		
6	**Article review**	Research Skills Critical Thinking, Analytical Skills		
7	**Open Forum:** **Topic:** "Are innovative companies more profitable"	Interactive Learning		

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	1 question	Unit I
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	1 question	Unit III
	1 question	Unit IV/V

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B.A. ECONOMICS

CORE IV - QUANTITATIVE METHODS

COURSE CODE: 22UECO302, 22UECO302P	**YEAR/SEMESTER: I/II**	**MAX MARKS: 100**
COURSE TYPE: THEORY & PRACTICAL	**CREDITS: 4**	**TOTAL TEACHING HOURS: 60 THEORY: 45 PRACTICAL: 15**

General Objective:

To provide an introduction to the quantitative methods with emphasis statistical techniques and mathematical techniques applicable in economics. Students will gain experience with using the Microsoft excel.

COURSE OBJECTIVES (Co):

Co.No.	Course Objective
Co1	To understand the concepts of measures of central tendency(mean , median, mode) & dispersion(standard deviation, coefficient of variation) and recognize the characteristics of the distribution.
Co2	To identify the relationship between variables using correlation to describe how regression analysis is used to predict values.
Co3	To understand the fundamental concepts of probability, learn different methods of constructing index numbers.
Co4	To understand the basic rules of differentiation and integration, and their application in economics.
Co5	To perform addition, subtraction, multiplication and transpose of matrices and apply determinants in solving simultaneous equations using Cramer's rule.

COURSE CONTENTS

UNIT I Descriptive statistics – I

Diagrammatic and Graphical Presentation of Statistical data - Measures of central tendency: mean, median and mode, Measures of dispersion, Skewness: types and absolute measure

(8 hours)

UNIT II Descriptive statistics – II

Correlation: types, Karl Pearson's co-efficient of correlation, Regression- Regression Analysis (except bivariate frequency distribution), Time series analysis: Components of time series, Measurement of Trend- Graphic Method, Method of Semi-averages, Measurement of seasonal variations, Simple Problems. (9 hours)

Unit III Probability and Index Numbers

Probability- Addition and Multiplication Theorem, Conditional probability, Baye's theorem, Simple Problems (Statement only for all the theorems), Index Numbers - simple, weighted, cost of living index numbers. (8 hours)

Unit IV - Matrices and Determinants

Matrices – addition, subtraction, multiplication, Transpose of a matrix, Determinants – properties of determinants (only statements), Inverse of a matrix using cofactor method, Solution of simultaneous equations using Cramer's rule, Application of matrices and determinants in economics. (10 hours)

Unit V Differential and Integral Calculus

Process of differentiation – First order and second order differentiation, maximum and minimum values of a function, simple problems

Process of Integration-Substitution Method, Definite integrals - Definition and applications - Total cost function, Marginal cost function, Total Revenue function, Average Revenue function, Consumer's surplus, Producer's surplus, Simple Problems (10 hours)

TEXT BOOK:

- S.P. Gupta (2008) Statistical methods, Sultan Chand & Sons.
- B.C. Mehta, G.M.K. Madnani (2018) Mathematics for Economics, Sultan Chand & Sons.

REFERENCES:

- P. R. Vittal (2009), Mathematical Statistics, Margham Publications.
- Sharma (2007), Business Statistics, Pearson Education.

ACTIVITY PLANNER

List of activities for Skill Development

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(These activities are only indicative; the faculty member can innovate)

- **Class presentation**: Students make presentation on data pertaining to income/expenditure/savings of residents living in their area using appropriate tools of diagrammatic and graphical representation.
- **Assignments:** Students solve problems on mean, median, mode, Quartile deviation, Standard deviation, Coefficient of variation.
- **Individual learning:** Students are divided into groups and each group is assigned a task of computing Karl Pearson's co-efficient of correlation between related variables (Internal assessment and End semester marks, income and expenditure etc.,) and obtain its linear relationship using regression analysis.
- **Case study Analysis** on Financial forecasting: Students analyze financial data and predict future revenues using methods of time series.
- **Real time reactions**: Class interactive session on different methods of constructing index numbers to measure trends in wide variety of areas including stock market prices ,cost of living, industrial and agricultural productions and imports.
- **Worksheets** on Differential Calculus: Compute derivatives of simple algebraic functions using rules and standard results.
- **Participatory learning:** Group discussion on different application of derivatives such as average cost / revenue, marginal cost/revenue and elasticity of demand, in global market.
- **Drag- And-Drop (Ability to link and apply):**Recognizing the principles/techniques of integral calculus and apply it in obtaining solution of producer's & consumer's surplus in Economics**.**
- **Class seminar**: Students make presentation on the properties, different techniques of solving matrices & determinants and its application in economic world.

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COURSE OUTCOMES:

On completion of the course, students will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO1	Analyse the measures of central tendency, present data using various diagrammatic/graphical representations and use them as an effective tool of analysis in the national/global environment.	1	An
CO2	Employ correlation & regression methods to analyse and interpret data.	1	E
CO3	Determine index numbers using different methods and solve problems based on the concepts of probability in a real world scenario.	4	An
CO4	Apply the computational techniques of matrices/ determinants to solve problems in real world scenarios.	4	E
CO5	Determine cost/revenue functions related to derivatives and apply the principles of maxima/ minima in economic analysis and evaluate cost function, revenue function, consumer and producer's surplus using methods of integration.	4	E

R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create.

PSO – Program Specific Outcome; CO – Course Outcome; Co – Course objective

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

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Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	1 question	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	1 question	Unit V
Section C	1 question	Unit I/II
	1 question	Unit III
	1 question	Unit IV/V

ALLIED I - STATISTICS PRACTICAL

- **DIAGRAMMATIC REPRESENTATION**
  Column, Bar Diagram, Line, Pie and Area
- **METHODS OF CENTRAL TENDENCY**
  Mean, Median, Mode.
- **MEASURES OF DISPERSION**
  Standard deviation, Quartile deviation, Range
- **CORRELATION AND REGRESSION**
  Correlation co-efficient
  Rank Correlation (without repeated ranks)
  Regression co-efficient and Regression lines

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ALLIED II- MARKETING MANAGEMENT

COMMON TO B.Com(A&F), B.Com(MM), B.Com(CS), B.Com (HONS), BBA & B.A. ECONOMICS

COURSE CODE: 21UMAN301	**YEAR/SEMESTER: I/ II**	**MAXIMUM MARKS :100**
COURSE TYPE: THEORY	**CREDITS: 5**	**TOTAL TEACHING HOURS: 75**

GENERALOBJECTIVE

The course examines the major concepts, principles and elements of the Marketing Mix that underlay modern business models. The course introduces students to the universal applications of innovative marketing practices in the ever-transforming dynamic business environment.

COURSE OBJECTIVES

Co No.	Course Objectives
Co1	To facilitate the understanding of the role played by marketing in the global business environment
Co2	To familiarize students with product, branding and packaging strategies that are universally applicable
Co3	To identify the factors influencing consumer behavior and purchase decision
Co4	To understand the pricing objectives and the modalities of sales distribution
Co5	To equip students to understand the promotion mix elements and evaluate the promotion techniques
Co6	To enable the students to appreciate the innovations and emerging cross cutting trends in marketing

UNIT I Marketing & It's Applications

Meaning and definition of Marketing Management, Nature, importance, Evolution, concepts, traditional and modern functions of marketing, inter relationship between marketing and other functional areas, distinction between marketing and selling- Marketing environment. (15 Hrs)

UNIT II Consumer Behaviour and Market Segmentation

Consumer Behaviour, Definition, Dimensions, Need, Kotler's model of Consumer Behaviour, Consumer Buying Process, buying motives, Theories of Buyer Behaviour, Maslow's hierarchy of needs, Economic theory, learning theory, Psychoanalytic theory, Howard Sheth model - Market segmentation, Concept, meaning, need, steps in segmentation, basis of segmentation, targeting and positioning. (15 Hrs)

UNIT III Marketing Mix I

Product, Concept of product, attributes, levels, objectives, policies, product mix & line, New Product Development, Product Life Cycle, product failures, branding and packaging strategies, labelling**– Price,** Meaning and definition, significance, objectives, factors influencing pricing, kinds of pricing decisions, pricing problem, pricing discrimination.

(15Hrs)

UNIT IV Marketing Mix II

Place, Channel of Distribution, meaning, importance, levels and gaps in COD, marketing middlemen, Kinds of channel members (major channel types), functions of middlemen, difference between channels of distribution and physical distribution **– Promotion**, Meaning, objectives, strategies, elements of the promotion mix (in brief), Meaning, objectives, advantages and disadvantages of advertising, personal selling, sales promotion, publicity and public relations

(15 Hrs)

UNIT V Marketing in the New Millennium

Innovations in marketing, De–marketing, Re–marketing, Over Marketing, Meta Marketing, Green marketing, Global marketing, Services marketing

Innovations- Mobile Marketing, Digital and Social Media Marketing (In brief)

Emerging Trends- AI Marketing – Meaning and applications – Chatbots for better CRM, Marketing campaigns using Virtual Reality and Augmented Reality, Marketing Analytics – Meaning and application (15 Hrs)

TEXT BOOK

- Dr.C.B.Gupta& Dr. N. Rajan Nair, Reprint 2020, Marketing Management, Sultan Chand & Sons, New Delhi, 19th Revised Edition

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REFERENCE BOOKS

- Philip Kotler. (Reprint 2019). Principles of Marketing: A South Asian Perspective, Pearson Education. New Delhi
- Dr. N. Rajan Nair. (Reprint 2019). Marketing, Sultan Chand & Sons. New Delhi

ERESOURCES

- https://hbr.org/2021/07/how-to-design-an-ai-marketing-strategy
- https://www.ama.org/the-definition-of-marketing-what-is-marketing/
- https://www.scirp.org/journal/paperinformation.aspx?paperid=77341
- https://managementstudyguide.com/marketing-management-articles.htm
- https://www.economicsdiscussion.net/marketing-management/what-is-marketing-management/31788
- https://www.yourarticlelibrary.com/marketing/marketing-mix/marketing-mix-definition-and-concepts-with-diagram/50808
- https://www.marketo.com/marketing-analytics/#:~:text=Marketing%20analytics%20is%20the%20practice,to%20identify%20opportunities%20for%20improvement.
- https://in.pcmag.com/vr/109911/augmented-reality-ar-vs-virtual-reality-vr-whats-the-difference

YouTubeLinks

- https://www.youtube.com/watch?v=Gqp29XSBdP4
- https://www.youtube.com/watch?v=KZYxfsTjEzI
- https://www.youtube.com/watch?v=pq3e1b_7uho
- https://www.youtube.com/watch?v=GhFpvXsmBXY
- https://www.youtube.com/watch?v=m5bpca2hPEk
- https://www.youtube.com/watch?v=1dFn_HTwlak&t=1s

- https://www.youtube.com/watch?v=KZYxfsTjEzI&feature=emb_logo
- https://www.youtube.com/watch?v=qgH18l0-X_Y
- https://www.youtube.com/watch?v=pq3e1b_7uho&t=1s
- https://www.youtube.com/watch?v=cuPnPJCWJwU
- https://www.youtube.com/watch?v=qJ4pnGExqc8

ACTIVITY PLANNER

(*These activities are only indicative; the faculty member can innovate*)

- Case study analysis and discussion on the role played by the promotion mix elements in the marketing plan of organizations.
- Jam board Activity to match products with the product's lifecycle stage it is currently
- positioned

- JustaMinute-Online Quiz and rapid-fire rounds
- Preparing and developing charts for distribution network for any product /service
- Knowledge Sharing Session on emerging trends in Marketing like AI, AR, VR, Marketing Analytics and Digital Marketing
- Role-play as Salesperson and Customer regarding the different selling methods/approaches
- Reflection paper writing exercise to investigate the lifecycles of engineered products and how they impact the environment.
- Product Launch-Students to plan and present the modalities of launching a product
- Discussion on path breaking advertising campaigns created byIndian marketers
- Situationanalysis-Brainstormingsessiononagivenmarketingproblem.Studentshavetomake some tough decisions to sustain an imaginary brand in the long run.

COURSE OUTCOMES

On completion of the course, the student will be able to

COs	Course Outcomes	PSOs Addressed	Cognitive Level
CO 1	Analyze the relevance of marketing terminologies, concepts, principles, theories, analytic techniques, and facts used in the global business environment for effective and ethical decision-making.	1	An
CO 2	Integrate Segmentation, Targeting and Positioning to create, capture, and deliver value to consumers through the application of universal Consumer behaviour theories.	1,2	E
CO 3	Formulate the product and price mix based on the business situation, management resolution and ethical solution to serve consumer needs.	5	E
CO 4	Develop a marketing plan to generate better sales and profits through cutting edge promotion techniques and unique distribution methods for business sustainability.	4	C
CO 5	Outline the innovative emerging trends and new age digital tools applied by marketers to enhance consumer engagement	1, 2	An

***R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

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B.A. ECONOMICS

QUESTION PAPER PATTERN

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

DISTRIBUTION OF QUESTIONS

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	1 question	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	1 question	Unit V
Section C	1 question	Unit I/II
	1 question	Unit III
	1question	Unit IV

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M.O.P. VAISHNAV COLLEGE FOR WOMEN

(AUTONOMOUS)

Choice Based Credit System

Course of Study and scheme of Examinations for the Batch of Candidates admitted in 2022-23

Batch 2022-2025

B.A. (Economics)

Semester III & IV

No. 20, IV Lane, Nungambakkam High Road,
Chennai – 600 034, Tamil Nadu, India
Tel: (044)2833 0262, 2833 0507
Email: mopvaishnav@mopvc.edu.in
Website: www.mopvc.edu.in

CORE V: INTRODUCTORY MACROECONOMICS

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B.A. ECONOMICS

COURSE CODE: 19UECO304	YEAR/SEM: II/III	MAX. MARKS: 100
COURSE TYPE:THEORY	CREDITS: 4	TOTAL TEACHING HOURS:60

GENERAL OBJECTIVE:

To develop foundation for basic tools and ideas necessary to understand the aggregate economy and to make informed opinions about different economic policies

COURSE OBJECTIVES (Co):

Co No.	COURSE OBJECTIVE
Co 1	To introduce the basic "building block" concepts of macroeconomics
Co 2	To analyse the classical theory of income and employment
Co 3	To study consumption and its role in the economy
Co 4	To explore investment and multiplier concepts
Co 5	To evaluate the Classical and Keynesian approaches

COURSE CONTENT

Unit I – Introduction to Macroeconomics and National Income

Nature and scope of Macroeconomics – origin and growth of Macroeconomics, difference between micro and macro, need to study macroeconomics, limitations of macroeconomics – Circular flow of Income and Expenditure in various sectors.

National income - Definitions and Concepts of National Income –Real and Nominal concepts of National Income - Methods of Measurement of National Income – income method, product method, expenditure method– difficulties in the measurement of National Income - Importance of measurement of National Income – concept of green GDP (12 hours)

Unit II – Classical Theory of Output and Employment

The Classical theory of income and employment – Say's Law of Markets- implications, Criticism of the Law of Markets -wage-price flexibility and full employment – Full employment classical

model - neutrality of money and classical dichotomy – Keynes criticism of classical theory – Principles of effective demand - aggregate demand and aggregate supply (12 hours)

Unit III – Consumption Function

Consumption function – introduction, meaning, properties, Keynes - Psychological law of consumption, determinants of consumption function, propensity to consume and propensity to save – Theories of consumption functions – absolute income hypothesis, relative income hypothesis, permanent income hypothesis, life cycle hypothesis. (12 hours)

Unit IV – Investment Function

Investment – meaning, types, marginal efficiency of capital, marginal efficiency of investment, concept of multiplier – investment multiplier, dynamic multiplier– principle of acceleration and super multiplier. (12 hours)

Unit V – Saving Function and Classical Vs. Keynes Model

Saving function – meaning, determinants, paradox of thrift – saving and investment equality - Classical vs Keynes models of income and employment – summary and comparisons(12 hours)

Text Book:

- H.L.Ahuja (2018), Macro Economic – Theory and Policy, S. Chand Publication, 20th edition
- M. L. Jhingan (2018), Macro Economic Theory, Vrinda Publications (P) Ltd. 13th edition

Reference Books:

- Dornbusch, Fischer and Startz, (2010) Macroeconomics, McGraw Hill, 11th edition.
- Dwivedi D. N (2011), Macroeconomics: Theory and Policy, 2nd edition, Tata McGraw-Hill Education.
- Gregory Mankiw. (2010). Macroeconomics, Worth Publishers, 7th edition.
- Shapiro .E(1982) Macro Economic Analysis, Thomson Learning; 5th Revised edition

WEB RESOURCES

- https://www.toppr.com/guides/fundamentals-of-economics-and-management/national-income/concept-of-national-income/
- http://www.economicsdiscussion.net/theory-of-income/classical-theory-of-income-and-employment-economics/259
- http://www.economicsdiscussion.net/consumption-function/consumption-function-concept-characteristics-and-possibility/20695
- http://www.economicsdiscussion.net/consumption-function/top-4-types-of-hypothesis-in-consumption-with-diagram/16024
- http://www.yourarticlelibrary.com/economics/the-investment-function-meaning-types-determinants-and-distinction/29174
- http://www.economicsdiscussion.net/multiplier-extensions/top-3-types-of-multiplier-in-economics/7817
- ·http://www.economicsdiscussion.net/theory-of-income/keynes-saving-function-characteristics-and-equations/6219

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ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative. Subject faculty can innovate)

S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Class discussion – "Why study macroeconomics?"	Participatory learning		
2	MCQ – Knowledge Check	Time Management , Critical Thinking	Competitive exam skills	
3	Group Presentations: Consumption function	Collaborative learning, Presentation skills		
4	Problems on Marginal Efficiency of Capital (MEC) and simple investment multiplier	Computational skills		
5	Class discussion – Differences between classical and Keynesian thought.	Critical thinking		

COURSE OUTCOMES:

On completion of the course the student will be able to

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CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Explain and examine the basic concepts of Macroeconomics and National Income	1	**An**
CO 2	Differentiate the classical and Keynesian approaches to income, output and employment	1, 3	**An**
CO 3	Critically analyse the different theories on consumption	1	**E**
CO 4	Evaluate the various theoretical approaches to investment	1	**E**
CO 5	Compare and contrast between classical and Keynesian models of economic equilibrium	3	**An**

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVES; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
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Distribution of Questions

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ELECTIVE I SOCIO-ECONOMIC POLICY

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B.A. ECONOMICS

COURSE CODE: 19UECO306	**YEAR/SEM: II/III**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 5**	**TOTAL TEACHING HOURS:75**

GENERAL OBJECTIVE:

To orient the students on theoretical premises and empirical approaches to the various domains in the socio-economic policy making and to examine sector-specific policies with special emphasis on health, education, financial inclusion, rural urban divide and migration

COURSE OBJECTIVES (Co):

Co No.	COURSE OBJECTIVE
Co1	To introduce a framework for understanding the socio-economic dimension of policy making in health and highlight a few determinants that need immediate policy attention from a socio-economic perspective
Co2	To illustrate theoretical framework on thoughts of education and build arguments on education as an important pillar of development
Co3	To evaluate media as the 4th pillar of democracy and its role in policy implementations
Co4	To describe framework for microfinance and financial inclusion and their role in inclusive development
Co5	To identify the gaps in socio-economic development of rural and urban population and highlight the causes of rural urban divide and measures taken to bridge the divide

COURSE CONTENT:

Unit I – Health Policy Paradigms

Theoretical Understanding – Definition Of Health, Socio-Economic Determinants Of Health - Health As A Merit Good – Market Failures In Provisioning Of Health Services - Health Policy In India – Urban Vs. Rural Health Policies; Occupational Health – Needs, Examples Of Existing Policies - Private Sector In Healthcare – Regulations, Criticisms (15 hours)

Unit II – Education Policy

Theoretical Understanding – Definitions of Education, Ambedkar, Gandhian And Marx's Perspectives, Types Of Education Systems; Should Education Be A Public Good? - Role Of Education In An Economy – Schultz's Theory; Relationship Between Literacy Levels And Wages - Existing Policies – Analysis And Criticisms; Concerns With Quality Of Education – Possible

Incentives: National Policy Of Education (1986) & Amendment (1992), SarvaSiksha Abhiyan, Right To Education, TVET, New Education Policy (15 hours)

Unit III – Media Policy

Theoretical Understanding – Definitions of Media; Historical Perspective On The Rights Of The Media; Media As Fourth Pillar Of Democracy - Role Of Media In Reducing Information Asymmetry; Impact On Consumer Preferences. - Regulation Of Media – Existing Regulatory Framework and Criticisms - Media Globalization (15 hours)

Unit IV – Micro-Finance Policy

Background And Features of Microfinance – Definitions, Need, And Scope - Microfinance Models and Schemes/Guidelines In India – Analysis And Criticisms - Microfinance And Financial Inclusion. (15 hours)

Unit V – Urban and Rural Policy Paradigms

Urban Vs. Rural Policies – Overview of Differences and Similarities - Debate – Are the Differences Necessary? - Development Of Rural Economies - Migration and Overcrowding – Associated Problems, Possible Solutions. (15 hours)

Reference Books and e-materials:

- Todaro Michael and C Smith Stephen (2017)Economic Development , Pearson Education
- Saumitra Mohan, Indian Policy and Development (2018), McGraw Hill Education, 2nd edition
- Block 6 - Institution and Policies– MEC 108 Economics of Social Sector and Environment, IGNOU Study Material
- Rangarajan (Chairman) committee “Report of the Committee on Financial inclusion 2008
- https://unevoc.unesco.org/up/India_Country_Paper.pdf
- https://www.diplomatie.gouv.fr/IMG/pdf/KevalKumar.pdf
- https://www.prsindia.org/theprsblog/regulation-media-india-brief-overview
- https://home.kpmg/in/en/home/insights/2019/12/mfi-microfinance-contributions-to-financial-inclusion.html#:~:text=The%20role%20of%20Microfinance%20has,a%20branch%2C%20business%20correspondent%20model.
- https://m.rbi.org.in/Scripts/BS_SpeechesView.aspx?Id=1088
- http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000033SO/P000300/M013097/ET/145258955205ET.pdf
- https://shodhganga.inflibnet.ac.in/bitstream/10603/1918/8/08_chapter3.pdf
- https://www.researchgate.net/publication/265190427_Evolution_of_Health_Policy_in_India
- https://shodhganga.inflibnet.ac.in/bitstream/10603/145095/15/15_chapter%205.pdf
- Https://Unevoc.Unesco.Org/Up/India_Country_Paper.Pdf
- Https://Www.Diplomatie.Gouv.Fr/IMG/Pdf/Kevalkumar.Pdf
- Https://Www.Prsindia.Org/Theprsblog/Regulation-Media-India-Brief-Overview
- Https://Home.Kpmg/In/En/Home/Insights/2019/12/Mfi-Microfinance-Contributions-To-Financial-Inclusion.Html#:~:Text=The%20role%20of%20Microfinance%20has,A%20branch%2C%20business%20correspondent%20model.

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B.A. ECONOMICS

Activity Planner

(These activities are only indicative. Subject faculty can innovate)

S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Class Discussion: India's health policy- Need for modification to tackle pandemics like SARS-COVID 19	Analytical Skills	Exposure to nature and status of policies governing health care sector in India	
2	Student Panel Discussion: New Education Policy	Communication skills	Exposure to nature status of policies governing education sector in India	
3	Article review: Does education at all levels cause growth? India- A case study	Critical thinking skills		
4	Class seminar: Role of Media in implementing various socio-economic campaigns.	Presentation skills Analytical skills		
5	Student seminar: Analysis of Microfinance models in a country of their choice	Research skills Presentation skills Communication skills,		
6	Group presentations: Urban-Rural divide	Critical thinking skills, Presentation skills		

COURSE OUTCOMES:

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On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Describe the concept of health, identify the issues pertaining to health in India, analyse the health policy and recommend measures to make it more effective	1, 2, 5	**C**
CO 2	Explain various thoughts on education, identify the gaps in policies and suggest solutions to address the gaps in the field of education.	2, 3, 5	**C**
CO 3	Examine the role of media in creating awareness and reducing information asymmetry	4	**An**
CO 4	Evaluate the impact of microfinance in financial inclusion	2	**E**
CO 5	Formulate and defend policy recommendations that help in reducing rural-urban divide	2, 5	**C**

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVE; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	2 questions	Unit I
	1 question	Unit II
	2 questions	Unit III
	1 question	Unit IV
	2 questions	Unit V
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	1 question	Unit III
	1 question	Unit IV/V

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B.A. ECONOMICS

ALLIED III: PRINCIPLES OF FINANCE

Course Code: 19UECO305	Year / Semester: II/III	Maximum Marks: 100
Course Type: Theory	Credits: 5	Total Teaching Hours:75

GENERAL OBJECTIVE:

To create an understanding on the financial environment of business along with developing analytical skills by associating the tools and techniques to analyze with various concepts and to have an in-depth knowledge about security and portfolio management which acquaints the students with capital market trends.

Co. No	COURSE OBJECTIVES
Co1	To enable the students to gain an understanding of basic functions of finance, its objectives, its interface with other functional areas and various sources of finance.
Co2	To enable the students to understand the concept of time value of money and analyse the ways of raising capital in different circumstances.
Co3	To enable the students to understand the concept of dividend, its Policy, types & theories and assess the value of financial products such as bonds & shares
Co4	To enable the students to apply several capital budgeting techniques and gain an understanding of ways to incorporate risk and uncertainty into capital budgeting decisions
Co5	To enable the students build a diversified portfolio and assess portfolio performance and acquaint them with capital market trends

UNIT I - Functions of Finance and Sources of Finance

Financial Management: Meaning, Definition, Scope, Nature and Objectives- Profit Maximization – Wealth Maximization –Financial Management Functions.

Composition and Sources of Long Term Finance and Short Term Finance - Difference between Short and Long Term Finance (15 hours)

UNIT II – Cost of Capital & Capital Structure

Time Value of Money- Meaning, Methods of Analysis, Compounding Technique, Discounting or Present Value Techniques

Cost of Capital- Basic concepts, Cost of equity, Cost of Debt, Cost of Preference capital, Cost of Retained Earnings, Weighted Average Cost of capital. (Problem based)

Capital structure

Capital structure planning (basic aspects) - Determining Debt and Equity Proportion-Theories of capital structure (15 hours)

UNIT III - Dividend Theories and Valuation

Dividend - Introduction, Meaning, Types of Dividend, Nature of Dividend Policy, Objectives of Dividend Policy, Factors Determining Dividend Policy. Dividend Theories- Walter & Gordon, MM theory.

Valuation of Bonds and shares

Bond Valuation, Return on Bonds, YTM, Duration concepts, Pricing, simple problems on bond valuation. - Equity share valuation, Yield basis earnings approach, Valuation based on accounting information, valuation based on dividends, MM hypothesis, Gordon's model, Walter's model, P/E ratio, Explicit resale price method - simple problems (15 hours)

UNIT IV – Capital Budgeting

Meaning, Definition, Need and Significance of Capital Budgeting, Factors Influencing Capital Budgeting Decisions- Capital Budgeting Process-Evaluation of Capital Budgeting Proposals- Payback, Discounted Cash flow, NPV, ARR, IRR and Profitability Index. (Problem based).23

Risk Analysis in Capital Budgeting: Incorporation of Risk Factor in Capital Budgeting- General Techniques- Risk Adjusted Discount Rate Method, Certainty Equivalent Method, Sensitivity Analysis, Probability Assignment, Standard Deviation & Coefficient of Variation, Decision Tree Analysis (Theory based). (15 hours)

UNIT V – Principles of Portfolio

Security risk - Systematic and unsystematic Risk-Portfolio return risk and trade off- Basic principles of portfolio construction, Portfolio Construction, simple computation problems – CAPM Model (15 hours)

PROBLEMS CAN BE ASKED FROM UNIT II, III, IV AND V. PROBLEM: THEORY RATIO= 60:40

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TEXT BOOKS

- A.Murthy, Financial Management, Second Edition Reprint 2018, Margham Publications
- Dr.S.N.Maheshwari, Elements of Financial Management, Edition 2010,Sultan Chand & Sons, New Delhi
- Dr. Kulkarni and Dr. Sathya Prasad, Financial Management, 13th Revised Edition 2011
- Natarajan (2013), Investment Management, Margham Publishers

REFERENCES BOOKS

- PrasanaChandra,Financial Management, 2008 Tata Mc.GrawHill, New Delhi
- I.M.Pandey, Financial Management, 2009 Vikas Publishing
- Khan &Jain ,Financial Management, Edition 2009, Sultan Chand & Sons
- Natarajan, K,Gordon., (2016) -Financial Markets and Financial Services-Himalaya Publishing Company
- Pandian,P., (2016).Security Analysis and Portfolio Management Vikas Publisher, 2nd Edition Reprint

E-RESOURCES:

- http://web.gjuonline.ac.in/distance/book/bcom/BCOM%20205%20Financial%20Management.pdf
- http://www.fao.org/3/w4343e/w4343e08.htm
- https://corporatefinanceinstitute.com/resources/knowledge/finance/cost-of-capital/
- https://efinancemanagement.com/financial-leverage/capital-structure-and-its-theories
- https://www.incharge.org/financial-literacy/basics-of-bonds-maturity/
- https://cleartax.in/s/valuation-of-shares
- https://cleartax.in/s/capital-budgeting
- https://www.managementstudyguide.com/security-analysis-and-portfolio-management.htm

ACTIVITY PLANNER:

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative. Subject faculty can innovate)

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B.A. ECONOMICS

S. NO	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEUR SHIP (EN)
1	Problem Solving in the areas of Time Value of Money Cost of Capital, Dividends Capital Structure, Bonds Capital Budgeting	Problem Solving Skills	Helps to improve analytical skills, be innovative and creative, review the situation carefully and help to grow the business	
2	**Quiz** on Types of Risk & Portfolio Construction Kahoot Quiz on Bonds	Analytical Skills & Critical Thinking Skills		
3	**Crossword** on Various sources of Finance	Conceptual Skills		
4	Assignment on Various Types of Risk	Conceptual Skills & Presentation Skills		
5	**Group Presentation** on various sources of Finance	Presentation on Various Sources of Finance add value to the career toolbox and will help to succeed in their respective role along with advancement in the opted career Presentation Skills& Communication Skills		

COURSE OUTCOMES:

On completion of the course the student will be able to

CO No:	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO1	Elucidate the scope, goals and the objectives of Financial Management including the role of finance managers and distinguish between the characteristics and sources of short term and long-term finance	**1,2**	**U**
CO 2	Compute the cost of capital that impacts the capital investments decisions for a business and thus choose	**2**	**An**

	the right capital mix at the optimal cost for a company		
CO3	Explain and compute different types of yield, the various valuation methods in case of equity instruments and debentures	**1,2**	**Ap**
CO 4	Take capital budgeting decisions keeping in mind the risk factors too in real life situations by comparing various options.	**2**	**Ap**
CO5	Analyse risk along with return & the association that exists between risk & return. Demonstrate the ways of managing Risk & Return in case of a Portfolio from the perspective of a Portfolio manager.	**2**	**An**

R – Remember ; U – Understand ; Ap – Apply ; An – Analyse; E – Evaluate; C - Create

QUESTION PAPER PATTERN

Question Component	**Number**	**Marks**	**Total**
A	10	3	30
B	5/8	8	40
C	2/3	15	30
Total			100

DISTRIBUTION OF QUESTIONS

Section A	2 questions	Theory	Unit I
	2 questions		Unit II
	2 questions		Unit III
	2 questions		Unit IV
	2 questions		Unit V
Section B	2 questions	Theory	Unit I
	2 questions	(1 Theory + 1 Problem)	Unit II
	1 question	Problem	Unit III
	1 question	Problem	Unit IV
	2 questions	Problem	Unit V
Section C	1question	Problem	Unit II
	1question	Problem	Unit IV
	1question	Problem	Unit III/ V

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B.A. ECONOMICS

CORE VI INTERMEDIATE MACROECONOMICS

COURSE CODE: 19UECO308	**YEAR/SEM: II/IV**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To develop fundamentals for tools and ideas necessary to understand the aggregate economy and to make informed opinions about different economic policies

COURSE OBJECTIVES (Co):

Co No.	COURSE OBJECTIVE
Co1	To Illustrate the interplay between the goods market, money market and external sector and their impact on income and output
Co2	To compare and contrast classical and modern thought on macroeconomics
Co3	To analyse the theoretical framework on inflation and unemployment
Co4	To explain the concept of fluctuations in economic activity and its impact on macroeconomic variables
Co5	To evaluate the various tools of macroeconomic policy and their role in economic stabilisation

Unit – I: IS-LM Model

Goods and money market – derivation of IS curve – shifts in IS curve – derivation of LM curve – shifts in LM curve – IS-LM equilibrium – derivation of aggregate demand curve – linkages between IS-LM and monetary and fiscal policies (12 hours)

Unit – II: Modern Macroeconomics

Modern macroeconomics - Introduction – adaptive and rational expectation hypothesis-supply side economics – new Keynesian economics – features – Mankiw's sticky prices model – implications of new Keynesian economics (12 hours)

Unit – III: Inflation

Inflation – meaning, types – demand pull and cost push, effects of inflation – inflation and unemployment trade-off –Philip curve – short run and long run – sacrifice ratio – deflation - stagflation – meaning, causes, stag inflation in India (12 hours)

Unit – IV: Business Cycles

Business cycles – meaning, phases, features – theories of business cycle- Sun-Spot theory, Hawtrey's theory, Under – consumption theory, Over-investment theory, Keynes' theory, Hick's theory, real business theory (12 hours)

Unit – V: Macroeconomic Policy and Economic Stabilisation

Macroeconomic Policy – meaning, objectives, trade-off in policy objectives, lags in effects of economic policy

Economic stabilisation and macroeconomic policy – an overview (12 hours)

Text Book:

- H.L.Ahuja (2018), Macro Economic – Theory and Policy, S. Chand Publication, 20th edition
- M. L. Jhingan (2018), Macro Economic Theory, Vrinda Publications (P) Ltd. 13th edition

Reference Books:

- Richard T Froyen (2013) Macroeconomics: Theories and Policies, Pearson Education India; 10 edition
- Dornbusch, Fischer and Startz, (2010) Macroeconomics, McGraw Hill, 11th edition.
- Dwivedi D. N (2011), Macroeconomics: Theory and Policy, 2nd edition, Tata McGraw-Hill Education.
- Gregory Mankiw. (2010). Macroeconomics, Worth Publishers, 7th edition.
- Shapiro E (1982) Macro Economic Analysis, Thomson Learning; 5th Revised edition

WEB RESOURCES:

- https://www.yourarticlelibrary.com/notes/macroeconomics/the-supply-side-economics-features-and-policy-prescription/31217
- https://www.econlib.org/library/Enc/RationalExpectations.html
- https://openstax.org/details/books/principles-economics-2e
- https://www.researchgate.net/publication/24114971
- https://www.researchgate.net/publication/303458400_Revisiting_of_Philips_Curve_a_Case_Study_from_Pakistan
- https://www.youtube.com/watch?v=78-BlZXm7wA
- https://www.youtube.com/watch?v=nE8Bw7Se1NU&t=25s
- https://rbidocs.rbi.org.in/rdocs/Speeches/PDFs/DGVVAS34AEAD82174B44EA854710B1103E0988.PDF
- https://ncert.nic.in/ncerts/l/leec106.pdf

ACTIVITY PLANNER

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B.A. ECONOMICS

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative. Subject faculty can innovate)

S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Exploration of Macroeconomic data	Research Skills		Analysis of macroeconomic variables
2	IS and LM curves derivation	Illustration skills		
3	Think-Pair-Share: Comparison of Keynesian and Post-Keynesian schools	Participatory learning		
4	Assignment: Data Visualization and interpretation on business cycles	Experiential learning		Exposure to fluctuations in business activity
5	Class discussion: Macroeconomic policies in covid era	Critical Thinking		

COURSE OUTCOMES:

On completion of the course the student will be able to

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CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Examine macroeconomic models by describing relationships among macroeconomic variables	1	An
CO 2	Outline the shift in macroeconomic modelling	2	An
CO 3	Differentiate the types, analyse the causes of inflation and establish the relationship between inflation and unemployment	1,4	An
CO 4	Critically evaluate the causes of fluctuation in economic activity.	2	E
CO 5	Evaluate the various tools of macroeconomic policy	5	E

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVE; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
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Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
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	2 questions	Unit V
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	2 questions	Unit III
	1 question	Unit IV
	2 questions	Unit V
Section C	1 question	Unit I/II
	1 question	Unit III
	1 question	Unit IV/V

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B.A. ECONOMICS

ALLIED IV: DEMOGRAPHY

COURSE CODE: 19UECO307	**YEAR/SEM: II/IV**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 5**	**TOTAL TEACHING HOURS:75**

GENERAL OBJECTIVE:

To acquaint students with basic concepts of demographic measurements like mortality, fertility, migration, population projections and age patterns that influence changes in population size and composition

COURSE OBJECTIVES (Co):

Co No.	COURSE OBJECTIVE
Co1	To introduce the meaning and scope of demography and the significant theories related to population
Co2	To classify and differentiate the measures of birth and death rate and the uses of the life table
Co3	To identify the causes and consequences of migration and trace recent trends in migration
Co4	To compare and contrast demographic trends in developing and developed countries
Co5	To critically examine recent developments in population policies in India

COURSE CONTENT

Unit I Introduction

Meaning scope of Demography – Components of Population Growth – Theories of Population growth – Malthusian Theory – Optimum theory and Theory of Demographic transition

(15 hours)

Unit II Birth Rate, Death Rate and Fertility

Life Table: Meaning of its columns and its uses – Reproductive and Child health in India – Temporal and Spatial Variation in Sex Ratios – Crude birth and death rate, Age Specific birth and death rates – Standardized birth and death rates – Study of fertility – Total fertility Rate – Gross Reproductive Rate – Net Reproductive Rate. (15 hours)

Unit III Migration and Urbanisation

Migration and Urbanisation – Concept and types – Temporary, internal and International effects on population growth and pattern – Factors affecting Migration and its impact on the distribution of rural-urban population – recent trends in migration. (15 hours)

Unit IV Population trends

Population trends in the 20th Century – International aspects of population growth and distribution – Population and environment pattern of age and sex structure in developed and developing countries – Age pyramids and projections – sources of census data (15 hours)

Unit V Population policy in India

Evolution of population policy in India – Population and strategies for human development of different social groups – Evaluation of population policy in India – Task before the National Population Commission – The recent population policies. (15 hours)

TEXTBOOKS:

- V.C. Sinha and Easo Zacharia (1996) - Elements of Demography, Allied Publishers Pvt. Ltd, 2nd Edition
- Rajendra K. Sharma (2007) - Demography and Population Problems, Atlantic Publishers and Distributors Pvt. Ltd.

REFERENCE BOOKS:

- Agarwala S.N. (1985), India's Population Problem, Tata McGraw-Hill, Bombay.
- Bhende, A. and T.R. Kanitkar (1982), Principles of Population Studies, Himalaya Publishing House, Bombay.
- Bogue, D.J. (1969), Principles of Demography, John Wiley, NewYork
- Bose A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi
- Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi
- Mishra S. (2000), Voluntary Action in Health and Population, Sage, New Delhi
- Simon, J. L. (1988), Population & Development in poor countries, Princeton University
- Press Novell, C. Methods and Models in Demography, Bellhaven Press, London
- Srinivasan, K., (1997), Basic Demographic Techniques and Application, Sage, New Delhi.

WEB RESOURCES:

- https://www.economicsdiscussion.net/theory-of-population/top-3-theories-of-population-with-diagram/18461
- https://data.worldbank.org/indicator/SP.DYN.TFRT.IN
- https://mpra.ub.uni-muenchen.de/76484/1/MPRA_paper_76484.pdf

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B.A. ECONOMICS

ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative. Subject faculty can innovate)

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1	Presentations: Theories of Population growth	Critical thinking skills	Ability to use multi-media/medium	
2	Assignment: Construction of Life tables		Computational Skills	
3	Group activity: Computing mortality and natality rates		Computational Skills	
4	Concept Mapping: Factors affecting migration	Critical thinking skills		
5	Assignment: Interpreting Age pyramids		Computational Skills	
6	Analysing Census data	Analytical Skills		
7	Critical Analysis: Population policies in India	Analytical Skills		

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COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Compare and contrast the various theories of demography such as Malthus, Optimum and Demographic Transition	1	An
CO 2	Examine the demographic terms such as birth rate, death rate, sex ratio, fertility ratio	1	An
CO 3	Evaluate the causes and impact of migration on rural-urban population distribution	2	E
CO 4	Analyze the major demographic trends and their determinants	3	An
CO 5	Evaluate population policy of India	5	E

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVE; CO – Course Outcome; R-Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

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	2 question	Unit IV
	1questions	Unit V
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	1 question	Unit II/ III
	1 question	Unit IV/V

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B.A. ECONOMICS

M.O.P. VAISHNAV COLLEGE FOR WOMEN

(AUTONOMOUS)

Choice Based Credit System

Course of Study and scheme of Examinations for the Batch of Candidates admitted in 2021-22

Batch 2021-2024

B.A. (Economics)

Semester V & VI

No. 20, IV Lane, Nungambakkam High Road,
Chennai – 600 034, Tamil Nadu, India
Tel: (044)2833 0262, 2833 0507
Email: mopvaishnav@mopvc.edu.in
Website: www.mopvc.edu.in

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B.A. ECONOMICS

CORE VII-PUBLIC FINANCE

COURSE CODE: 21UECO301	**YEAR/SEM: III/V**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To introduce and evaluate the fundamentals of public finance and understand the role and need of government intervention and its implications for financial allocation and distribution

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To outline the importance of the study of public finance and to appraise the theories of public expenditure.
Co2	To explain and analyse the principles of taxation and to examine the factors determining taxable capacity
Co3	To elucidate the importance and impact of Public Debt and analyse the consequences of Deficit financing on the economy
Co4	To illustrate the objectives if fiscal policy and its role in economic stabilisation
Co5	To illustrate the concept of fiscal federalism and role of intergovernmental financial relations

Unit I – Introduction to Public Finance

Public Finance – meaning and importance – Principle of maximum social advantage – introduction, necessary conditions, limitations, Musgrave's views on maximum social advantage. - Public Expenditure – meaning, theories of public expenditure – Pigou's theory, Benefit Analysis, Samuelson's theory, Johansen's theory, Wagner's hypothesis, Peacock-Wiseman's hypotheses, Colin Clark hypothesis - effects of public expenditure (12 hours)

Unit II – Public Revenue

Public Revenue – meaning, sources of public revenue, canons of taxation, Theories of taxation – Physiocratic theory, financial theory, socio political theory, modern principles of taxation, effects of taxation on production, distribution and others – incidence and shifting of taxation, factors determining the nature of tax shifting and incidence, Taxable capacity, absolute and relative taxable capacity, importance, factors determining taxable capacity (12 hours)

Unit III – Public Debt and Deficit Financing in India

Public Debt in India – classification, growth, characteristics – public debt of state governments – role of public debt in India – Deficit Financing – difference between deficit financing and budget deficit, objectives, role – types of budgetary deficits – causes and uses of deficit financing – evils of deficit financing (12 hours)

Unit IV – Fiscal Policy

Fiscal Policy – meaning, objectives, instruments – built-in-stabilisers – fiscal policy for economic growth – effectiveness of fiscal policy – limitations of fiscal policy – long term fiscal policy – role of fiscal policy in developing countries – India's fiscal reforms – FRBM Act 2003

(12 hours)

Unit V - Federal Finance and Tax Evasion

Federal finance – meaning, nature, principles – problems of distribution – methods of adjustments – inter governmental financial relations in India - role and functions of finance commission
Tax Evasion – meaning, estimates, causes– consequences and remedial measures (12 hours)

TEXT BOOKS:

- R. K. Lekhi & Joginder Singh (2017), Public Finance, Kalyani Publication, 11th edition.
- Musgrave. Richard and Peggy.Musgrave, (2018, 21st reprint), Public finance in Theory and Practice. Mcgraw-HillPublications, 5th edition

REFERENCE BOOKS:

- Tyagi B. P. (2005). Breham Prakash, Public Finance, Jai Prakash Nath and Co., Meerut
- Rosen, Harvey(2013),Public Finance, McGraw Hill Publications 8th edition
- Mithani .D.M. (2019) : Modern Public Finance : Theory and Policy , Himalaya Publishing House, 3rd edition.
- Bhatia, H.L. (2004). Public Finance, Vikas Publications, New Delhi.
- Chellaiah .R(2011) : Fiscal policy in underdeveloped countries, Routledge, 3rd edition

WEB RESOURCES:

- https://economictimes.indiatimes.com/news/economy/policy/finance-ministry-puts-a-leash-on-expenses-in-times-of-covid/articleshow/76206464.cms
- https://www.youtube.com/watch?v=bWRO-M47eCY
- https://mgkvp.ac.in/Uploads/Lectures/28/3482.pdf

ACTIVITY PLANNER

(These activities are only indicative. Subject faculty can innovate)

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Effective for the batch of candidates admitted in 2021-2022

B.A. ECONOMICS

S. NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEUR SHIP (EN)
1	Group discussion: Importance of Public Finance.	Collaborative learning		
2	Think-Pair-Share: Effects of public expenditure.	Cooperative learning, Analytical skills		
3	Debate: Sources of public revenue.	Critical thinking, Participatory learning		Exposure to Economic environment
4	MCQ quiz: Impact and Incidence of taxation	Time management skills	Competitive exam skills	
5	Criticise and converse: Taxable capacity in India.	Critical thinking, Research skills		
6	Mind-Mapping: Instruments of Fiscal policy	Summarization skills, Presentation skills		

COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO 1	Explain and outline theoretical concepts of fiscal economics and Evaluate the theories of public expenditure	1	**An**
CO 2	Examine the canons of taxation	1,5	**E**
CO 3	Outline the objectives and importance of public debt and Examine the role of deficit financing in the fiscal framework	1,5	**An**
CO 4	Evaluate the various tools of Fiscal Policy and its role in achieving economic goals	5	**An**
CO 5	Appraise the working of Federal finance in India	1	**E**

***PSO – Programme Specific Outcome; Co – Course Objective; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

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Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	2 questions	Unit I
	1 question	Unit II
	2 questions	Unit III
	1 question	Unit IV
	2 questions	Unit V
Section C	1 question	Unit I/II
	1 question	Unit III
	1 question	Unit IV/V

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CORE VIII INTERNATIONAL ECONOMICS

COURSE CODE: 21UECO302	**YEAR/SEM:III/V**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To provide an analysis of the economic relationships between countries and introduce the fundamentals of international economics in an era of global interdependence

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To distinguish between international economics and international trade and track the evolution of world trade
Co2	To compare alternative theories of international trade
Co3	To explain the payment mechanism in international trade and determination of rate of exchange
Co4	To describe the essential objectives and types of trade policies
Co5	To elucidate the role of international organizations in facilitating world trade

COURSE CONTENTS

Unit I – Introduction

Meaning, nature, evolution, features and importance of international trade, domestic vs. international trade, Globalisation of world Economy - An overview of world trade patterns - Gravity Model (12 hours)

Unit II – Theories of International Trade

Ricardian theory of comparative cost- Heckscher Ohlin models – factor equalisation model, new trade theories – Krugman model; firm heterogeneity; international movement of factors; introduction to the theory of multinational firms - offer curves - terms of trade (12 hours)

Unit III – Gains from Trade and International Payments

Gains from Trade - nature and sources of gains - factors affecting the gains - measuring gains - Rate of exchange – meaning- determination – fixed vs. flexible rate of exchange, Balance of Payments – structure- BOT vs. BOP- equilibrium – disequilibrium- causes -corrective measures - Mundell-Fleming Model (12 hours)

Unit IV –Trade Policy

Free trade vs protection – advantages – disadvantages – importance, tariffs and quotas – effects – types of quotas – effects of quotas, exchange control – meaning – objectives – techniques – methods – merits and demerits (12 hours)

Unit V – International Institutions and International Liquidity

Trade Blocs - IMF, IMF and international liquidity, The World Bank, International Financial Corporation (IFC), International Development Association (IDA), Euro – Dollar Market, UNCTAD, GATT, WTO (12 hours)

Text Book:

- Appleyard and J.Field (2013), International Economics, McGraw Hill Education, 8th Edition
- Dominick Salvatore, International Economics, John Wiley & Sons Ltd. 12th edition

Reference Books:

- D.M. Mithani (2019), International Economics, Himalaya Publishing House, Mumbai, 9th edition
- Krugman, P., Obstfeld, M., Melitz, M. (2018). International Economics - Theory and Policy, 11th ed. Pearson Education
- Pugel, T. (2015). International economics, 16th ed. McGraw-Hill.
- Feenstra, R., Taylor, A. (2014). International economics, 3rd ed. Worth Publishers.
- Francis Cherunilam, International Economics, McGraw Hill Publication.
- H L Bhatia, International Economics, Vikas Publishing

Web Resources:

- https://www.wto.org/english/res_e/statis_e/trade_evolution_e/evolution_trade_wto_e.htm
- https://ourworldindata.org/trade-and-globalization
- https://wits.worldbank.org/CountryProfile/en/WLD
- https://www.wto.org/english/thewto_e/whatis_e/tif_e/fact2_e.htm
- https://www.youtube.com/watch?v=RJ2FIktp4Y8
- https://www.youtube.com/watch?v=llg2n0-UP7I
- https://www.youtube.com/watch?v=avf0o-PzQEA&t=137s

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- https://www.nber.org/system/files/chapters/c6829/c6829.pdf

ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative, the Faculty member can innovate)

S.NO	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Article Readings and presentations	Critical thinking skills Presentation skills		
2	Data collection		Research skills	
3	Article review	Research Skills		
4	Class seminars	Presentation Skills		
5	Think-Pair-Share: Trends in Rate of exchanges in India		Strategic thinking and research skills	
6	Group Discussion	Critical thinking skills		
7	Concept Mapping: international liquidity	Critical thinking skills		

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COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESED	COGNITIVE LEVEL
CO 1	Differentiate between internal and international trade and track the growth of world trade	1, 3	An
CO 2	Define, explain alternative theories of international trade and draw comparisons between them	1, 2	E
CO 3	Evaluate fixed and flexible exchange rates and analyse causes and corrective measures for disequilibrium in the balance of payments.	3, 5	E
CO 4	Defend different trade policies in relation to economic environment of a country.	4, 5	E
CO 5	Examine the role of international organizations in the global economy and their impact on local economies.	2	E

*PSO – Programme Specific Outcome; Co – COURSE OBJECTIVES; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
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	1 question	Unit II
	2 questions	Unit III
	1 question	Unit IV
	2 questions	Unit V
Section C	1 question	Unit I/II
	1 question	Unit III
	1 question	Unit IV/V

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B.A. ECONOMICS

CORE IX: DATA SCIENCE FOR ECONOMICS USING PYTHON

COURSE CODE: 21UECO304 & 21UECO304P	**YEAR/SEMESTER: III/V**	**MAXIMUM MARKS:100**	**THEORY: 80**
			PRACTICAL: 20
COURSE TYPE: THEORY& PRACTICAL	**CREDITS: 4**	**TOTAL TEACHING HOURS: 60**	**THEORY: 40 Hrs**
			PRACTICAL: 20 Hrs

GENERAL OBJECTIVE:

To provide an understanding of the fundamental principles of data science and analyse data models using python visualization techniques.

COURSE OBJECTIVES (Co):

Co. No.	***Course Objective***
Co1:	To understand the basic concepts of Data Science and its process
Co2:	To impart the basic features of data mining and machine learning
Co3:	To explore the various packages and libraries in python
Co4:	To acquire the fundamentals of the pandas and visualize datasets
Co5:	To develop skill to analyse data in various domains

UNIT I Introduction to Data Science

Introduction: Data Science–Applications of Data Science - Data Science in Economics - Business Intelligence vs Data Science – Data Analytics Process - Basic Tools. (6Hrs)

UNIT II Big Data and Machine Learning

Evolution of Big Data - Definition of Big Data - Challenges with Big Data - 3Vs of Big Data - Non-Definitional traits of Big Data. Machine learning: Introduction – Types of learning – Mapping problems to machine learning. **(8 Hrs)**

UNIT III Data Preparation

Data Validation - Introduction to Data Validation, Data Transformation – Standardization and FeatureExtraction, Data Reduction – Sampling, Selection, PCA, Data Discretization. **(8Hrs)**

UNIT IV Introduction to Python andNumpy

Features of Python –IDEs for python – Identifiers- Reserved Keywords- Variables - Indentation in Python - Input, Output and Import - Operators. Data Types - Control Statements- for, while, if. Numpy: Installation -Creating Arrays -Basic operations – arithmetic – aggregate -indexing. (9 Hrs)

UNIT V Pandas and Data visualization with Matplotlib

Pandas: Introduction – Series - frames – reading and writing csv using pandas. Matplotlib: Installation - lines – bar charts – pie charts – histograms – Visualizing real datasets. (9Hrs)

TEXT BOOKS

- Fabio Nelli, Python for Data Analytics.
- EMC Education Services, "Data Science and Big Data Analytics: Discovering,Analyzing, Visualizing and Presenting Data", Wiley publishers, 2015.
- Carlo-Vercellis, “Business Intelligence Data Mining and Optimization for Decision-Making”, First Edition.

REFERENCE BOOKS

- John V Guttag (2013), Introduction to Computation and Programming Using Python, Revised and expanded Edition, MIT Press.
- Kenneth A. Lambert (2012), Fundamentals of Python: First Programs, Cengage Learning.

E RESOURCES

Web Links

- https://www.w3schools.com/datascience/
- https://www.geeksforgeeks.org/python-programming-language/
- https://www.w3schools.com/python/

Video Links

- https://www.youtube.com/watch?v=u2zsY-2uZiE
- https://www.youtube.com/watch?v=ua-CiDNNj30

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COURSE OUTCOMES:

On completion of the course, students will be able to

CO No:	COURSE OUTCOME	PSOs ADDRESSED	COGNITIVE LEVEL
CO1	Analyse the fundamental concepts of data science and understand the various data science process.	**1**	**An**
CO2	Understand the concepts of Big data and Machine learning.	**1**	**An**
CO3	Formulate and construct data using various data cleaning techniques	**3, 4, 5**	**C**
CO4	Discuss and analyse the salient features of python language and develop applications using different data types and looping constructs.	**3, 5**	**C**
CO5	Combine visualization techniques to analyse real time datasets and recommend solutions.	**2, 3, 4**	**C**

PSO – Programme Specific Outcome; Co – Course Objective; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create

Question Paper pattern

Question Component	Number	Marks	Total
Terms and Definitions	10	3	30
Short Answer	5/8	8	40
Essay	2/3	15	30

			100

Distribution of questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	1 question	Unit IV
	1 question	Unit V
Section C	1 question	Unit I/Unit II
	1 question	Unit III/ Unit IV
	1 question	Unit V

DATA SCIENCE FOR ECONOMICS USING PYTHON – PRACTICAL

LIST OF PRACTICALS (20Hrs)

1. Write a python to display your name.
2. Write a python program to find sum of two numbers.
3. Write a python program to find largest of three numbers.
4. Write a python program to display odd numbers.
5. Write a program to demonstrate Numpy library functions.

6. Write a python program to implement frames.
7. Write a python program to display data from csv file.
8. Write a python program to demonstrate line chart.
9. Write a python program to demonstrate bar chart.
10. Write a python program to demonstrate pie chart.
11. Write a python program to demonstrate histogram.
12. Write a python program to visualize any real dataset.

ACTIVITY BPLANNER MISSING TO GET FROM Dr. PADMAVATHY

1.		8	K4	CO3
2.		8	K4	CO3
3.		8	K3	CO4
4.		8	K4	CO5
SECTION – C (2 X 15 = 30 Marks) Answer any two Question				
5.		15	K4 / K4	CO1/CO2
6.		15	K6	CO3/CO4
7.		15	K6/K6	CO5

Knowledge Level as per Bloom Taxonomy

K1 – Remember; K2 – Understand; K3- Apply; K4 –Analyse, K5-Evaluate; K6-Create

CO1 – CO5 Indicates the Course Outcome in Unit I to Unit 5

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B.A. ECONOMICS

CORE X- RESEARCH METHODS

(COMMON TO B.A. Economics, B. A. Sociology, B. Sc. Psychology, BBA & B.COM HONOURS)

COURSE CODE: 17UMAN307 & 17UMAN307P	**YEAR/SEM:III/V**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60: THEORY: 40** **PRACTICAL: 20**

GENERAL OBJECTIVE:

To provide a comprehensive overview on the research process culminating in a mini project

COURSE OBJECTIVE:

CO NO.	COURSE OBJECTIVES
Co1	To familiarise the students with research in social sciences and the steps involved in the research process
Co2	To introduce the concept of problem selection in research and the need for review of literature
Co3	To equip the students with various sampling techniques and the process of hypothesis testing
Co4	To discuss the process of data collection and data analysis with suitable statistical tools.
Co5	To elaborate the different types and steps in writing a research report

COURSE CONTENT

UNIT I Introduction to Research Methods

Meaning - objectives of research-research method versus research methodology-types of research- research process - qualities of good research- Ethics in research - Importance-criteria of good research (5 hours)

UNIT II Selection of Research Problem and Review of Literature

Selection of a research problem - sources of problems - criteria of selection- formulation of the selected problem - defining objectives of the study – setting limitations to the study. Review of

Literature: Need for Literature Review - sources of Literature, Research gap, Research design (5 hours)

UNIT III Sampling and Hypotheses

Sampling Design or Plan – census vs. Sampling, characteristics of a good sample - steps in sample design types of sampling, sampling methods

Hypotheses- meaning, types of hypotheses - sources and functions of hypotheses - Rules of constructing Hypotheses – significance of hypotheses – hypothesis testing (10 hours)

UNIT IV Data Collection and Data Analysis

Primary and Secondary data collection – meaning and sources of data-Levels of measurement-scaling techniques-questionnaire drafting-pilot study

Data Processing: Checking-Editing-Coding-Classification and Tabulation

Data Analysis: Meaning and Methods-Quantitative and Qualitative Analysis - Statistical Tools and Techniques for analysis. (15 hours)

UNIT V Interpretation of results and Report Writing

Significance of report writing - Different steps in report writing- Layout of the research report-Types of report-Mechanics of writing research report- Precautions for writing research reports. (5 hours)

TEXT BOOKS

- Kothari C R. (2009). Research Methodology. Methods and Techniques (Second Revised Edition), New Age International Private Ltd, Publishers.
- Krishnaswami O R. (2002). Methodology of Research in Social Sciences. Himalaya Publishing House, Delhi.

REFERENCE BOOKS

- Dasgupta, Manas. (2007). Research Methodology in Economics, Problems and Issues. Deep & Deep Publications Pvt. Ltd, New Delhi.
- Ahuja Ram. (2010). "Research Methods", Rawat Publication, New Delhi.
- Cooper Donald R and Pamela S Schindler. (2010). Business Research Methods (9th Edition), The McGraw- Hill companies, New Delhi.
- J.K. Sachdeva (2019), Business Research Methodology, Himalaya Publishing House, Mumbai, Third Revised Edition
- Evans, A.N., & Rooney, B.J. (2008). Methods in Psychological Research, Sage Publications, New Delhi

WEB RESOURCES:

- How to write Research paper https://www.youtube.com/watch?v=cMJWtNDqGzI
- How to write an Article review https://www.youtube.com/watch?v=80bUjCUo5Es

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- Tools to improve your research writing skill https://www.youtube.com/watch?v=34GnCx41T08
- How to format your research paper https://www.youtube.com/watch?v=CugdFyH6tq8

ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative; the Faculty member can innovate)

S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Identifying Research Problem	Critical thinking		
2	Framing of questionnaire	Analytical skills		
3	Report writing	Drafting skills		

COURSE OUTCOMES

On completion of the course the student will be able to

Cos	Course Outcomes	PSOs Addressed	Cognitive Level
CO 1	**Analyse** the process of undertaking Social sciences research	1	An
CO 2	**Analyse** research problem of local/national relevance and define the objectives of a research study.	5	An
CO 3	**Propose** a sampling design and frame a hypothesis capable of being tested.	1	C
CO 4	**Outline** the sources of data, methods of data collection and apply statistical tools for analysis of data collected.	4	An
CO 5	**Create** a research report by interpreting the results of research.	1, 5	C

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****PSO – Programme Specific Outcome; Co – COURSE OBJECTIVE; CO – Course Outcome; R- Remember; U- Understand; Ap - Apply; An - Analyse; E- Evaluate; C - Create**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30
TOTAL			**100**

Distribution of Questions

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	2 questions	Unit I
	2 question	Unit II
	1 question	Unit III
	1 question	Unit IV
	2 questions	Unit V
Section C	1 question	Unit I
	1 question	Unit II / V
	1 question	Unit III/IV

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RESEARCH METHODS- PRACTICAL (20 HOURS)

UNIT I

Introduction to SPSS

Menu Options – Data view and variable view – creating a data file

UNIT II

Data coding and entry in SPSS

Data editing – checking for errors – defining the variables – Importing data into SPSS from MS Excel. Modifying the data file

UNIT III

Descriptive Statistics in SPSS

Mean – Median –Mode – Skewness – Kurtosis – Percentage – Max – Min

UNIT IV

Data Visualisation in SPSS

Histogram – Stem and Leaf – Scatter plot – Line graph – Pie diagram Box plots – bar charts

UNIT V

Inferential Statistics in SPSS

Chi- square – t-test (independent sample t-test) – ANOVA (one-way ANOVA) – correlation – regression (multiple regression)

Exporting tables – Interpretation of data

EVALUATION

Evaluation pattern	Criteria	Duration (Hours)	No. of Questions	Marks	Total
Continuous Assessment	Internal Assessment - I	$1^1/2$	2/4	25	50
	Internal Assessment - II	$1^1/2$	2/4	25	50
					100 (Brought down to 10 marks)
External	End Semester Examination	3	2/4	50	100 (Brought down to 10 marks

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ELECTIVE III - BEHAVIOURAL ECONOMICS

COURSE CODE: 21UECO303	**YEAR/SEM: III/V**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 5**	**TOTAL TEACHING HOURS: 75**

General Objective

To explain economic decision-making process and role of psychology in it and to elaborate the deviation in reality and standard economic theoretical predictions in the framework of behavioural economics

COURSE OBJECTIVES

Co No.	Course Objectives
Co1	To introduce behavioural economics as a separate discipline in economics
Co2	To understand the standard economic model and related concepts
Co3	To describe Heuristics and Biases
Co4	To explain the prospect theory
Co5	To study the components of mental accounting

Unit 1 Nature of Behavioural Economics

Behavioural Economics: Meaning, Evolution, Objectives, Scope – Relationship with other disciplines (15 hours)

Unit 2 Values, Attitudes and Preferences

The Standard economic model - Axioms, Assumptions and Definitions – Expectations effects, addiction and abstention, framing effect, Anchoring effect (15 hours)

Unit 3 Heuristics and Biases

Heuristics: The standard model – Representativeness and Availability Heuristics - Self Evaluation Biases and Projection Bias - Causes of irrationality (15 hours)

Unit 4 Prospects theory

Prospect Theory - Reference Points - Risk Concept and Understanding – Loss Aversion – Shape of Utility Function - Decision Weighting – Criticisms of prospects theory (15 hours)

Unit 5 Mental Accounting

Nature and components of mental accounting – Framing and editing – Budgeting and fungibility – Choice bracketing and dynamics (15 hours)

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Text book

- Nick Wilkinson; Matthias Klaes(2012), An Introduction to Behavioral Economics, 2nd Edition, Palgrave Macmillan.

Recommended Reading:

- Erik Angner, "A Course in Behavioral Economics", Palgrave Macmillan
- M. Altman, Handbook of Contemporary Behavioural Economics: Foundation and
- Developments (2007), Prentice Hall India
- E. Cartwright, Behavioural Economics (2011), Routledge
- D. Kahneman, Thinking Fast and Slow (2011), Allen Lane, Penguin Books
- G. Loewenstein, Exotic Preferences: Behavioural Economics and Human Motivation
- (2007), Oxford University Press
- Sanjit Dhami, "The Foundations of Behavioral Economic Analysis", Oxford University
- Press (2016)
- Behavioral Economics: Toward a New Economics by Integration with Traditional
- Economics by Ogaki, Masao, Tanaka, Saori C. Published by Springer, ISBN
- 978-981-10-6439-5
- World Development Report 2015: Mind, Society, and Behavior

ACTIVITY PLANNER (*These Activities are only indicative; the faculty member can innovate)*

S. NO.	**DESCRIPTION OF ACTIVITY**	**ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)**	**ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)**	**ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)**
1	Group discussion: Psychology and economics	Collaborative learning		
2	Selected chapter review on "Thinking fast and slow" by Daniel Kahneman	Analytical skills		
3	Classroom discussion: Biases	Participatory learning		

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COURSE OUTCOMES:

After completing this course, students will be able to:

CO No.	Course Outcomes	PSOs Addressed	Cognitive Level
CO1	Evaluate behavioural economics as a separate discipline in economics	1	E
CO2	Analyse the standard economic model and related concepts	1	An
CO3	Examine Heuristics and Biases	1	An
CO4	Critically evaluate the prospect theory	1	E
CO5	Examine the components of mental accounting	1, 4	An

QUESTION PAPER PATTERN

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
Section C	2/3	15	30

DISTRIBUTION OF QUESTIONS

Section A	2 questions	Unit I
	2 questions	Unit II
	2 questions	Unit III
	2 questions	Unit IV
	2 questions	Unit V
Section B	2 question	Unit I
	1 questions	Unit II
	1 questions	Unit III
	2 questions	Unit IV
	2 question	Unit V
Section C	1 question	Unit I
	1 question	Unit II/III
	1question	Unit IV/V

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CORE XI - ENVIRONMENTAL ECONOMICS AND SUSTAINABLE DEVELOPMENT

COURSE CODE: 21UECO306	**YEAR/SEM: III/VI**	**MAX. MARKS: 100**
COURSE TYPE:THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS: 60**

GENERAL OBJECTIVE:

To identify the interaction between the environment and economic activity and highlight international efforts towards environment and sustainable development

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To introduce theoretical approaches to Environmental Economics Q
Co2	To discuss importance and methods of environmental valuation
Co3	To analyse the solutions to environmental problems
Co4	To explain the concept of sustainable development
Co5	To analyse various international treaties on environment and climate change

COURSE CONTENT:

Unit I Introduction to Environmental Economics

Meaning, Nature and scope of Environmental Economics- Ecology and Economic growth - Environmental quality as a public good- Market failure-Approaches to Ecological Economics- Steady state approach (15 hours)

Unit II Valuing the Environment

Ecosystem services – Social Cost-benefit analysis – Stated-preference approach: Contingent valuation, Choice experiment method, Revealed-preference approaches: Hedonic pricing, travel-cost model (15 hours)

Unit III Solution to Environmental problems

Pareto criterion- Pigouvian analysis of externalities- Property rights and Coase theorem- Kuznets hypothesis - Command and control approach - Market approach: Pollution charges, Emission trading (15 hours)

Unit IV Sustainable Development

Definition of Sustainable Development - Sustainable development rules- Indicators and measures of Sustainable development- Sustainable Development Goals – Progress of select SDGs (1, 2, 4, 5, 8 & 10) in India (15 hours)

Unit V International Treaties, Conventions & Protocols

Montreal Protocol- Kyoto Protocol- Rio Summit- Ramsar Convention- Paris Agreement- Environmental Laws of India – an overview – National Environment Policy 2006 (15 hours)

TEXT BOOK:

- Hanley, Nick, J.F. Shogren, and Ben White (2013): Introduction to Environmental Economics, London: Oxford University Press. ISBN: 9780199568734
- Scott Callan, Janet Thomas (2012): Environmental Economics and Management: Theory, Policy, and Applications, South-Western College Publishing, ISBN: 978-1111826673
- Charles Kolstad (1999): Environmental Economics, OUP USA, ISBN: 978-0195119541

REFERENCE BOOKS:

- M.L. Jhingan and Chandra K. Sharma (2018)- Environmental Economics Theory, Management and Policy, Second Revised Edition
- Perman, Rodger, Yue Ma et al. (2003). *Principles of Environmental Economics and sustainable Development, 3rd Edition.* Pearson Education Ltd.
- Pearce, David W. and R. Kerry Turner. (1989). *Economics of Natural Resources and Environment.* John Hopkins University Press
- Hussen, Ahmed. (2002). *Principles of Environmental Economics 2nd Edition.* Routledge. London
- Barry Field and Martha K. Field (2016) *Environmental Economics,* McGraw-Hill Education
- Kartarsingh, Anil Shishodia (2007) Environmental Economics: Theory and Applications , Sage India, 1st edition

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Web Resources:

- https://www.youtube.com/watch?v=-3xNtg2bPQY&list=PLLy_2iUCG87CSJRAf6NPds7mgIQHFVGSG
- https://www.youtube.com/watch?v=_VShdCUG3yU
- https://boycewire.com/coase-theorem-definition/
- https://www.yourarticlelibrary.com/economics/environmental-economics/limits-to-growth-model-assumptions-and-operation-explained/39465
- https://sdgs.un.org/goals
- https://www.insightsonindia.com/environment/international-conventions/

ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative. Subject faculty can innovate)

S.NO.	DESCRIPTION OF ACTIVITY	ACTIVITIES THAT HAVE A DIRECT BEARING ON SKILL DEVELOPMENT (SD)	ACTIVITIES THAT HAVE A DIRECT BEARING ON EMPLOYABILITY (EM)	ACTIVITIES THAT HAVE A DIRECT BEARING ON ENTREPRENEURSHIP (EN)
1	Debate on Environment vs Economy	Critical thinking, Participatory learning		Exposure to Economic environment
2	Group discussion : Changing global climate and international measures	Cooperative learning		Exposure to Economic environment
3	Literature review on Kuznets hypothesis	Research skills		
4	MCQ quiz on Sustainability	Time management skills	Competitive exam skills	
5	Assignment on SDG	Research skills		Exposure to Economic environment

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COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESED	COGNITIVE LEVEL
CO 1	Outline the theoretical principles of environmental economics	1	An
CO 2	Evaluate the various environmental valuation methods	2	E
CO 3	Critically analyse and reflect ondifferent solutions for environmental problems	2	An
CO 4	Analyse socio-economic issues through the prism of sustainability	2	An
CO 5	Appraise the recommendations of various international treaties on environmentalsustainability and track progress.	5	E

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVE; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
Section B	5/ 8	8	40
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Distribution of Questions

Section A	2 questions	Unit I
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B.A. ECONOMICS

CORE XII MONETARY ECONOMICS

COURSE CODE: 21UECO305	**YEAR/SEM: III/VI**	**MAX. MARKS: 100**
COURSE TYPE:THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To provide a detailed analysis of monetary economics theory and working of monetary policy in an economy

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To introduce the concept of money in economics
Co2	To elucidate the various schools of thought associated with the concept of money in Economics
Co3	To explain the concept of interest and its influence on money supply of an economy
Co4	To outline the constituents of money supply and the Indian money market
Co5	To describe the functions of banking and the working of monetary policy

UNIT I – INTRODUCTION TO MONEY

Barter and evolution of money – Definition and Functions of money - Definition of near money - Monetary standards – gold standard: features, merits and demerits, Gresham's law, paper standard : features, merits and demerits - methods of note issue (12 hours)

UNIT II – THEORIES OF MONEY-I

Fisher's Transaction Approach, Cambridge Cash Balance Approach, Friedman's Restatement Quantity Theory (12 hours)

UNIT III – THEORIES OF MONEY-II

Real-balance effect - Rate of Interest: concept, classical theory, loanable funds theory, Keynes's liquidity preference theory - modern theory of interest (12 hours)

UNIT IV –MONEY SUPPLY AND MONEY MARKETS

Supply of money – velocity of money, Money multiplier, measures of money supply

Money market –overview of constituents of the money market.

Indian Money Market - Underdeveloped nature of Indian money market, defects and suggestions for remedial measures. (12 hours)

UNIT V – BANKING AND MONETARY POLICY

Commercial banking – functions of banks, credit creation – Central banking –functions of central banking, credit control

Monetary Policy- Objectives, Conflicting objectives, Role of monetary policy in a developing economy – Reserve Bank of India – monetary policy of RBI (12 hours)

Text Book:

- M L Seth (2012), Monetary Economics, Lakshmi NarainAgarwal Educational Printers, 20th Revised Edition
- R.R. Paul (2013), Monetary Economics, Kalyani Publishers, 10th revised edition

Reference Books:

- Jhingan M L (2012) Monetary Economics , Himalaya publication 7/e
- JagdishHanda(2014), Monetary Economics, Routledge (Taylor and Francis Group)
- M.C. Vaish (2005), Monetary Theory, New Age International (P) Ltd. 16th edition.
- Suraj B. Gupta(1985) Monetary Economics (Institutions, Theory And Policy), S. Chand & Co.

WEB RESOURCES

- https://mint.intuit.com/blog/personal-finance/guide-to-the-barter-economy-the-barter-system-history/
- https://www.microeconomicsnotes.com/money/patinkins-analysis-of-the-real-balance-effect-with-criticisms/1466
- https://saylordotorg.github.io/text_money-and-banking-v2.0/s23-02-friedman-s-modern-quantity-the.html
- http://www.igntu.ac.in/eContent/IGNTU-eContent-451995072300-B.Com-6-Prof.ShailendraSinghBhadouriaDean&-FINANCIALSERVICES-All.pdf
- https://www.economicsdiscussion.net/banks/central-bank-and-its-functions/4165
- https://www.rbi.org.in/

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ACTIVITY PLANNER

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

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1	Group Activity Create a Bank Poster	Data Collection, Presentation Skills		
2	Discussion on money market	Speaking skills		
3	Group Activity: Portfolio investment	Analytical skills		

COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESED	COGNITIVE LEVEL
CO 1	Describe and outline the evolution of money and its functions.	1, 2	E
CO 2	Evaluate the theories of money demand	1	E
CO 3	Appraise the theories of money and interest	1	E
CO 4	Analyse factors influencing money supply in the economy and the role of the money market.	2	E
CO 5	Examine the functioning of the Central bank and monetary policy in achieving national economic goals.	3, 4	E

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B.A. ECONOMICS

Question Paper Pattern

Question Component	Number	Marks	Total
Section A	10	3	30
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B.A. ECONOMICS

CORE XIII DEVELOPMENT ECONOMICS

COURSE CODE: 21UECO307	**YEAR/SEM:III/VI**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To introduce themes that cut across core values, various approaches and theories of development and to provide insight into development policy making and development finance.

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To introduce the different approaches to the concept of development
Co2	To outline the early theoretical framework on economic growth
Co3	To examine the alternative growth models
Co4	To highlight the rationale behind development policy making
Co5	To describe the types and importance of institutional finance in economic development

COURSE COMPONENTS

Unit I – Introducing Economic Development

Defining development – nature of development economics – why study development - Core values of development, Amartya Sen's approach – Economic growth vs. development vs. progress and economic welfare - Role of values in economic development – objectives of development – Overview of Factors of Economic Development: Capital, Technology and Human Capital - Comparative Economic Development - Development Gap (10 hours)

Unit II – Theories of Economic Growth and Development – I

Rostow's stages of growth – Balanced Growth Theory - Unbalanced Growth Theory - Big Push Theory - Theory of Critical Minimum Effort - Utilisation of Surplus Manpower – Lewis Theory, Nurkse Theory - Rural Urban Migration – Harris-Todaro Model (15 hours)

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Unit III – Theories of Economic Growth and Development – II

Harrod-Domar Model (Critical Expansion and Growth) - Solow Model of Growth - Technical Progress and Growth - Human Capital and Growth - Myrdal Model (Cumulative Causation Thesis) - Kaldor Model (Model of Distribution)-Dualism and Development: Boeke's social dualism and Higgin's technological dualism (15 hours)

Unit IV – Development Policy Making

Development Planning – concepts and rationale - process - basic models of development planning process – government failure and the market economy - The Washington Consensus on the role of the state in development – development political economy – role of NGOs in economic development – trends in governance and reforms (10 hours)

Unit V – Financing Economic Development

Role of financial system in economic development – sources of development finance - formal vs. informal finance – micro finance – foreign finance – Two Gap model- development assistance debate (10 hours)

Text Book:

- Todaro Michael and C Smith Stephen (2017)Economic Development , Pearson

Reference Books:

- A.P. Thirwal (2017), Economics of Development: Theory and Evidence, Bloomsbury Academic, 10th edition
- M.L. Taneja& R. M. Myre (2017), Economics of Development and Planning, Vikas Publishing Co., 15th edition
- M.L. Jhingan (2016), Economics of Development Planning, Himalaya Publication House, 41st edition.
- KulwantRai Gupta (2006& 2009), Economics of Development & Planning (Vol. 1& Vol.2), Atlantic Publishers and Dist.

Web Resources:

- https://www.worldbank.org/en/about/unit/unit-dec
- https://personal.utdallas.edu/~mjleaf/Copestakeunesco.html
- https://www.economicsdiscussion.net/economic-growth/theories-of-economic-growth-discussed/4203
- https://www.journals.uchicago.edu/doi/abs/10.1086/450607?journalCode=edcc
- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2130216

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- https://www.oecd.org/governance/rethinking-regional-development-policy-making-9789264293014-en.htm
- http://www.igntu.ac.in/eContent/IGNTU-eContent-344137278034-MA-PoliticalScience-4-Dr.GeorgeT.Haokip-Paper401PublicPolicyandDevelopmentinIndia-Unit1.pdf
- https://unctad.org/system/files/official-document/tdb_efd3d2_en.pdf
- https://www.imf.org/external/pubs/ft/fandd/2004/09/pdf/clements.pdf

Activity Planner
List of activities for Employability / Skill Development / Entrepreneurship Skill Development
(These activities are only indicative, the Faculty member can innovate)

S. NO.	DESCRIPTION OF ACTIVITY	Activities that have a direct bearing on skill development (SD)	Activities that have a direct bearing on employability (EM)	Activities that have a direct bearing on entrepreneurship (EN)
1	Open forum Discussion	Collaborative Learning		
2	Class seminar	Collaborative Learning	Multi-media skills	
3	Assignment on comparative analysis of growth theories	Critical Thinking	Analytical skills	
4	Assignment on comparative analysis of growth models	Critical Thinking		
5	Group project Development Policy Analysis	Collaborative Learning Research Skills Presentation Skills	Analytical skills	
6	Debate: foreign financial aid and impact	Critical thinking skills		

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COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESED	COGNITIVE LEVEL
CO 1	Outline the central themes, values and approaches to development.	1, 2	An
CO 2	Compare and contrast the theories of growth and development	3	An
CO 3	Critically analyse various models of growth.	3	E
CO 4	Examine the welfare impact of proposed development interventions by different institutions	5	An
CO 5	Evaluate the source and significance of financial support in economic development	2,4	E

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVES; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

Question Paper Pattern

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B.A. ECONOMICS

CORE XIV: ECONOMETRICS

COURSE CODE: 19UECO313	**YEAR/SEM:III/VI**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To illustrate the assumptions upon which different econometric methods are based and develop an intuitive understanding of the theory

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To build foundational knowledge to an econometric approach to solving economic problems
Co2	To demonstrate the use of Ordinary Least Square(OLS) regression method in making econometric estimations
Co3	To illustrate the use of ANOVA in estimation of regression coefficients
Co4	To introduce Multiple Linear Regression Models and demonstrate estimation of these models
Co5	To illustrate application of econometric techniques in solving practical numerical problems

COURSE CONTENTS:

Unit I - Introduction

Introduction to Econometrics – Meaning– Classical Econometric Methodology – Analysis of economic problems: Demand theory and Keynes Consumption theory (10 hours)

Unit II Ordinary Least Squares (OLS)

Two-variable Linear Regression Analysis: Estimation – Population & Sample Regression Function (PRF, SRF) – Principle of Ordinary Least Squares (OLS) – Derivation of OLS estimators & Properties of OLS estimators – Assumptions of the Classical Linear Regression Model – Estimation of a two-variable model – Reporting & Interpreting the Regression Results – Goodness of Fit Measures - Coefficient of Determination (10 hours)

Unit III Regression Analysis & ANOVA

Two-variable Linear Regression Analysis: Hypothesis Testing – Interval Estimation & Hypothesis testing – An Introduction – Estimation of Confidence Intervals for regression coefficients – Testing the significance of the coefficients – Confidence Interval Approach – Standard Error – Reliability of estimators – Testing the overall significance of the Model: Regression Analysis & ANOVA (10 hours)

Unit IV Estimation & Hypothesis Testing

Multiple Linear Regression Analysis: Estimation & Hypothesis Testing – Introduction to Multiple Linear Regression Models & Significance – Assumptions underlying the Multiple Regression Model – Estimation of a three-variable model -Reporting & Interpreting the Regression Results – Standard Error – Reliability of estimators – Coefficient of Determination – Goodness of Fit Measures – Hypothesis testing – Testing the overall significance of the Model (10 hours)

Unit V Problems

Problem Assignments – Example I: Estimating Demand/Supply Function, Compute Elasticity – Example II: Estimating Consumption Function, Compute & Test the significance of MPC – Example III: Estimating Cob - Douglas Production Function, Computing output elasticity with respect to Labour and Capital Inputs, Testing the significance of the coefficients and of the model – Example IV: Compute Growth Rates (10 hours)

TEXT BOOK:

- Gujarati D.N., Dawn Porter, Sangeetha (2017), Basic Econometrics, Tata McGraw-Hill Publishing Company, 5th edition.

REFERENCE BOOKS:

- Dougherty, C. (1992), Introduction to Econometrics, Oxford University Press, New York.
- Koutsoyiannis, A. (1977), Theory of Econometrics (2nd ed.),The Macmillan Press Ltd., London.
- Maddala, G.S. (1997), Econometrics, McGraw Hill, New York.

WEB RESOURCE:

- https://www.youtube.com/watch?v=-3xNtg2bPQY&list=PLLy_2iUCG87CSJRAf6NPds7mgIQHFVGSG
- https://www.youtube.com/watch?v=GMVh02WGhoc&list=PLwJRxp3blEvaxmHgI2iOzNP6KGLSyd4dz

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- https://www.youtube.com/watch?v=M_5SLG7sUa0&list=PLwJRxp3blEvZyQBTTOMFRP_TDaSdly3gU
- https://www.xlstat.com/en/solutions/features/ordinary-least-squares-regression-ols
- https://www.statisticshowto.com/probability-and-statistics/hypothesis-testing/anova/
- http://web.vu.lt/mif/a.buteikis/wp-content/uploads/PE_Book/3-6-UnivarHypothesis.html

Activity Planner

List of activities for Employability / Skill Development / Entrepreneurship Skill Development

(These activities are only indicative, the Faculty member can innovate)

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1	Class discussion – Macroeconomic theory	Participatory learning		
2	MCQ – Knowledge Check on two variable regression model and ANOVA	Time Management, Critical Thinking		
3	Group work on interpreting regression results	Collaborative learning, Presentation skills		
4	Problems on Cobb-Douglas production function	Critical Thinking		
5	Group Presentations using multiple regression model	Collaborative learning, Presentation skills		

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B.A. ECONOMICS

COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESED	COGNITIVE LEVEL
CO 1	Outline the core econometric principles, concepts and theories that form the foundation of modern economic analysis.	1	An
CO 2	Differentiate the types of Regression analysis and their utility in econometric problem solving.	1	E
CO 3	Construct fundamental econometric models and test validity of the hypotheses.	4	C
CO 4	Apply understanding of core concepts and quantitative tools to analyse and research real world problems.	4	E
CO 5	Evaluate alternative economic policy proposals on a range of issues	5	E

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVES; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**

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B.A. ECONOMICS

CORE XV HISTORY OF ECONOMIC THOUGHT

COURSE CODE: 21UECO308	**YEAR/SEM: III/VI**	**MAX. MARKS: 100**
COURSE TYPE: THEORY	**CREDITS: 4**	**TOTAL TEACHING HOURS:60**

GENERAL OBJECTIVE:

To elaborate the evolution of economic thought that shaped the theoretical and applied foundation of the economics discipline

COURSE OBJECTIVES (Co):

Co No.	Course Objective
Co1	To introduce ancient economic thought with special reference to Indian schools
Co2	To highlight the economic ideas propounded by mercantilists and physiocrats.
Co3	To compare the economic ideas of Adam smith , Thomas Robert Malthus , David Ricardo and J B Say
Co4	To describe the economic ideas of neoclassical school of thought
Co5	To review the economic thought of Keynes and its impact on modern economic thinkers

COURSE CONTENT

UNIT I Ancient Economic Thought

Nature and significance of economic thought - Ancient economic thought: Characteristics of Ancient Economic thought, Hebrew, Greek: Plato and Aristotle - Ancient Indian Economic thought: Kautilya's and Thiruvalluvar's economic ideas (12 Hours)

Unit II: Pre-classical Economic Thought

Mercantilism – factors giving rise to mercantilism – Basic Concepts of Mercantilism - criticism of mercantilism – The Physiocrats: -factors responsible for the rise of Physiocracy - important ideas of Physiocrats - criticism of physiocrats. (12 Hours)

Unit III: Classical Economic Thought

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Key ideas of Adam Smith – division of labour, labour theory of value, laissez-faire, canons of taxation, critical appraisal of Adam Smith – Contribution of Thomas Robert Malthus – Contribution of David Ricardo – Contribution of J B Say (12 Hours)

Unit IV: Socialism and Marginal Revolution

Karl Marx: Labour theory of value-materialistic interpretation of history-Concentration of capital-Marxian theory of surplus value-criticism of Marxism - Marginal revolution: Essential ideas of Marginalist school – Key ideas of Carl Menger - Alfred Marshall: Demand and elasticity of demand, Law of Diminishing Returns, Representative Firm, Time Perspective (12 Hours)

Unit V: Modern Economic Thought

J.M Keynes: Concept of Multiplier, Consumption function, Underemployment Equilibrium - Overview of important ideas of the following economists: Kenneth J Arrow (Impossibility theorem) - Gandhian thought - Amartya Kumar Sen (Famines and Capabilities)- ElinorOstrom (Tragedy of Commons) - Richard Thaler (Nudge theory) – Abhijit Banerjee and Esther Duflo (Randomised Controlled Trials) (12 Hours)

Text Book:

- T.N. Hajela.(2015) – History of Economic Thought, Ane Books Pvt. Ltd, 18th edition.

Reference Books:

- R R Paul (2018), History of Economic Thought, Kalyani Publishers
- Eric Roll (2002), History of Economic Thought, Faber & Faber Publishers, Main edition
- Lokanathan V (2018), History of Economic Thought, S. Chand & Co.
- L H Haney (2018), History of Economic Thought: A Critical Account of the Origin and Development of the Economic Theories of the Leading Thinkers in the Leading Nations, Franklin Classics Trade Press
- D K Singh, History of Economic Thought,And Publishers; 1stedition

WEB RESOURCES

- https://www.economicsdiscussion.net/economics-2/economic-ideas-of-thiruvalluvar/21138
- https://www.econlib.org/library/Enc/Mercantilism.html
- https://www.economicsdiscussion.net/economists/biography-of-adam-smith-with-his-theories-economist/20999
- https://www.yourarticlelibrary.com/biographies/biography-of-karl-marx-and-his-works/43760#:~:text=Karl%20Heinrich%20Marx%20was%20the,his%20early%20education%20at%20Trier.
- https://www.ubs.com/microsites/nobel-perspectives/en/laureates/richard-thaler.html

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- https://www.gutenberg.org/ebooks/3300 (An Inquiry into the Nature and Causes of the Wealth of Nations by Adam Smith)

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1	Chapter review: Adam Smith ,David Ricardo and Thomas Malthus	Reading and comprehension skills		
2	Class Activity – Timeline of key economic ideas of the classical school	Illustration skills		
3	Comparison of Marxian and Keynesian thought	Analytical skills		

COURSE OUTCOMES:

On completion of the course the student will be able to

CO No.	COURSE OUTCOME	PSOs ADDRESED	COGNITIVE LEVEL
CO 1	Appraise the contributions of ancient thinkers to the discipline of Economics.	3	E
CO 2	Evaluate the Mercantilist and Physiocrats schools of thought	3	E
CO 3	Critically analyse the contributions of significant classical economic thinkers.	3	E

CO 4	Compare the ideas of Marx and the Marginal school	3	E
CO 5	Analyse foundations of the approaches in the economics of 19th and 20th centuries.	3	E

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B.A. ECONOMICS

CORE XV: PROJECT

COURSE CODE: 19UECO315	CREDITS: 4	YEAR/SEM:III/VI	MAX. MARKS: 100

COURSE OBJECTIVE:

This course aims at facilitating and developing attitude towards quality research at undergraduate level.

EVALUATION	MARKS
PROJECT PREPARATION AND PRESENTATION	50
VIVA	50
TOTAL	100

COURSE OUTCOMES:

Cos	Course Outcomes	PSOs Addressed	COGNITIVE LEVEL
CO 1	**Demonstrate** the ability to initiate research and to formulate viable research questions	1,4	C
CO 2	**Evaluate** and synthesize research based and scholarly literature	3	An
CO 3	**Integrate** the capacity to design, conduct and report original research findings	2	C
CO 4	**Present** the research findings and arguments in a structured manner.	4	C
CO 5	**Generate** research report through collaborative learning by working in teams.	4	C

***PSO – Programme Specific Outcome; Co – COURSE OBJECTIVES; CO – Course Outcome; R- Remember; U- Understand; Ap – Apply; An – Analyse; E- Evaluate; C – Create**