SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE (AUTONOMOUS)

(*Affiliated to Bharathidasan University*)
(Accredited by NAAC; An ISO 9001:2015 Certified Institution)
SUNDARAKKOTTAI, MANNARGUDI – 614016.
TAMILNADU, INDIA.

M.A., ECONOMICS
COURSE STRUCTURE WITH SYLLABUS UNDER CBCS - LOCF
(*For the candidates admitted in the academic year 2022–2023*)

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M.A., ECONOMICS COURSE STRUCTURE UNDER CBCS - LOCF
(For the candidates admitted in the academic year 2022 – 2023)

Eligibility: B.A. Economics / Econometrics with a minimum aggregate score of 50% from a recognized University.

Sem.	Nature of the Course	Course Code	Title of the Course	Ins. Hrs/ Week	Credit	Exam Hrs	CIA	ESE	Total
I	Core Course (CC) – I	22PEC101	Advanced Micro Economics	6	5	3	25	75	100
	Core Course (CC) – II	22PEC102	Advanced Macro Economics	6	5	3	25	75	100
	Core Course (CC) – III	22PEC103	Monetary Economics	6	5	3	25	75	100
	Core Course (CC) – IV	22PEC104	Mathematical Economics	6	4	3	25	75	100
	Elective Course (EC) – I (At least Two Choices)	22PECE1A / 22PECE1B	Environmental Economics / Economics of Natural Disaster	6	3	3	25	75	100
	Value Added Course -I (VAC)*		-	-	2*	3	25	75	100*
			TOTAL	**30**	**22**		-		**500**
II	Core Course (CC) – V	22PEC205	Computer Application in Economics	6	5	3	25	75	100
	Core Course (CC) – VI	22PEC206	Financial Economics	6	5	3	25	75	100
	Core Course (CC) – VII	22PEC207	Development Economics	5	5	3	25	75	100
	Core Course (CC) – VIII	22PEC208	Statistical Methods	5	4	3	25	75	100
	Elective Course (EC) – II (At least Two Choices)	22PECE2A / 22PECE2B	Welfare Economics / Women Studies	5	3	3	25	75	100
	Extra Disciplinary Course-I (EDC-I)		-	3	2	3	25	75	100
			TOTAL	**30**	**24**		-		**600**
III	Core Course (CC) – IX	23PEC309	International Economics	6	5	3	25	75	100
	Core Course (CC) – X	23PEC310	Research Methodology	6	5	3	25	75	100
	Core Course (CC) – XI	23PEC311	Indian Economic Development and Policy	5	5	3	25	75	100
	Core Course (CC) – XII	23PEC312	Agricultural Economics	5	4	3	25	75	100
	Elective Course (EC) – III (At least Two Choices)	23PECE3A / 23PECE3B	Managerial Economics / Labour Economics	5	3	3	25	75	100
	Extra Disciplinary Course (EDC) – II		-	3	2	3	25	75	100
			TOTAL	**30**	**24**				**600**
IV	Core Course (CC) – XIII	23PEC413	Public Finance	6	5	3	25	75	100
	Core Course (CC) – XIV	23PEC414	Health Economics	6	5	3	25	75	100
	Entrepreneurship / Industry Based Course	23PECI41	Industrial Economics	6	5	3	25	75	100
	Project	23PECPW	Dissertation	12	5	-	25	75	100
	Value Added Course –II (VAC)*		-	-	2*	3	25	75	100
			TOTAL	**30**	**20**				**400**
			GRAND TOTAL	**120**	**90**		-		**2100**

Courses	No. of Courses	Total Credits
Core course	15	72
Elective Course	03	9
Extra Disciplinary Course	02	4
Value Added Course	02*	4*
Project	01	5
Total	**21**	**90**

Note:

1. Theory   **CIA**   25 marks   **ESE**   75 marks

2. Separate passing minimum is prescribed for Internal and External

a) The passing minimum for CIA shall be 40% out of 25 marks (i.e. 10marks)
b) The passing minimum for End Semester Examinations shall be 40% out of 75marks (i.e. 30marks)
c) The passing minimum should not be less than 50% in the aggregate.

ELECTIVE COURSES (EC) OFFERED BY THE DEPARTMENT

Semester	Nature of the Course	Course Code	Title of the Course (Any one from the list)
I	Elective Course (EC) – I	22PECE1A	Environmental Economics
I	Elective Course (EC) – I	22PECE1B	Economics of Natural Disaster
II	Elective Course (EC) – II	22PECE2A	Welfare Economics
II	Elective Course (EC) – II	22PECE2B	Women Studies
III	Elective Course (EC) – III	23PECE3A	Managerial Economics
III	Elective Course (EC) – III	23PECE3B	Labour Economics

EXTRA DISCIPLINARY COURSES (EDC) OFFERED BY THE DEPARTMENT

Semester	Nature of the Course	Course Code	Title of the Course (Any one from the list)
II	Extra Disciplinary Course (EDC) – I	22PECED1A	Urban Economics
II	Extra Disciplinary Course (EDC) – I	22PECED1B	Regional Economics
III	Extra Disciplinary Course (EDC) – II	23PECED2A	Economics of Climate Changes
III	Extra Disciplinary Course (EDC) – II	23PECED2B	Economics of Social Issues

VALUE ADDED COURSES (VAC) OFFERED BY THE DEPARTMENT

Semester	Nature of the Course	Course Code	Title of the Course (Any one from the list)
I	Value Added Course (VAC) – I	22PECVA1	Economics in Everyday Life
IV	Value Added Course (VAC) – II	23PECVA42	Economics of Infrastructure

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Question Paper Pattern

Max time: 3 Hours   **Max Marks: 75**

Section – A (10 x 2 = 20)
Answer all the questions
Answer in One or Two sentences each

1. ⎱
2. ⎰   Unit I

3. ⎱
4. ⎰   Unit II

5. ⎱
6. ⎰   Unit III

7. ⎱
8. ⎰   Unit IV

9. ⎱
10. ⎰   Unit V

Section – B (5 x 5 = 25)
Answer all the questions
Each answer should not exceed 500 words

11. a (or)
b   Unit I
12. a (or)
b   Unit II
13. a (or)
b   Unit III
14. a (or)
b   Unit IV
15. a (or)
b   Unit V

Section – C (3 x 10 = 30)
Answer any <u>THREE questions</u> in 1200 words

16. Unit I
17. Unit II
18. Unit III
19. Unit IV
20. Unit V

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SEMESTER I

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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: I-CC- I: ADVANCED MICRO ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 22PEC101

UNIT - I: Consumer Choice   (19 Hours)

Indifference curves – Decomposition of price effect into substitution effect and income effect – Comparative demand curves – Slutsky's and Hicksian demand curves- Consumer surplus - Marshall's and Hicksian measures - Revealed Preference Theorem- Choice under Uncertainty – N-MIndex and derivation of Marginal Utility schedule for money income- Inter- temporal choice.

UNIT - II: Market Theories–I   (19 Hours)

Perfect competition – Price and output determination – Optimum firm-Monopoly – Short run and long run equilibrium - Price discrimination, monopoly control, and regulation – Contestable Market- Monopolistic competition – Chamberlin Model- selling costs - Excess capacity - Oligopoly –Non-collusive Models - Cournot- Bertrand – Chamberlin – Edge worth –Sweezy – Stackelberg- Oligopoly - Collusive Models - Cartels and mergers - Price leadership - Base point price system- Monopsony – Price and output determination – Workable competition.

UNIT - III: Alternative Theories of Firm   (17 Hours)

Duopoly price game-dominant strategy-Nash Equilibrium- Full Cost Pricing Rule-Bain's limits pricing theory - Sylos-Labini Model- Input-output model-linear programming applications in decision making.

UNIT - IV: Distribution Theories   (18 Hours)

Neo-classical approach – Marginal productivity theory; Product exhaustion theorem; Hick's technical progress- Modern theory of distribution – Factor Pricing in imperfect product and factor markets- Determination of Wages –Labour supply and wage determination – Role of trade unions and collective bargaining.

UNIT - V: Economics of Information   (17 Hours)

Informational asymmetry – Market for lemons- Adverse selection – Insurance market and adverse selection – Solution to principal agent problem- Hidden action (Moral Hazard) - Signaling and Screening.

Total Lecture Hours - 90

COURSE OUTCOMES:
Students will be able to

1. Critically analyze the basic concepts of consumer choice and explain how a consumer makes choices under situations of uncertainty.
2. Evaluate and compare price, output determination strategies under perfect and imperfect competition.

3. Synthesize alternative theories of firm and review and inter-dependence between industries.
4. Apply the theories of distribution to identify the factor pricing techniques.
5. Demonstrate the economics of information to identify the moral hazards of adverse selection.

TEXT BOOKS:
1. Ahuja H.L (2004), Advanced Economic Theory (Sultan Chand Co., NewDelhi).
2. A.Koutsoyiannis (2003), Modern Micro Economics, Macmillan press ltd, International edition, London
3. Dominick Salvatore (2017), Micro Economics, Oxford University pressinc, New York .
4. H.S.Agarwal (2008), Micro Economics, Shiva LalAgarwal& Co Agra.
5. K.P.M.Sundharam, E.N.Sundharam (2010), Micro Economics, Sultan Chand & Sons Publishers, New Delhi.
6. Sen A (2006), Microeconomics: Theory and Applications, Oxford University Press, New Delhi
7. Jhingan. M.L (2004), Micro Economic Theory, (Vrinda Publications-Delhi).

REFERENCE BOOKS:
1. Ruffin Roy. J (1992), Intermediate Micro Economics Harper &CollinsPublishers.
2. Hal R. Varian (2004), Intermediate Micro Economics (East-West Press:New Delhi)
3. Baumol, W.J. (1979), Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi
4. Da Costa, G.C (1982), Production, Prices and Distribution, Tata McGraw Hill, New Delhi
5. Kreps, David M, A (1992), Course in Microeconomic Theory, Princeton University Press, Princeton
6. Layard P.R.G and A.W. (1978), Walters Microeconomic Theory, McGraw Hill, New York .
7. Stigler, G (1987), Theory of Price, (4th Edition), Prentice Hall of India, New Delhi
8. Varian,H. (2019), Microeconomic Analysis, W.W. Norton, New York

E RESOURCES:
1. https://study.com/academy/lesson/consumer-preferences-choice-in-economics.html
2. https://www.impgroup.org/uploads/papers/8208.pdf
3. https://www.economicsdiscussion.net/business-economics/alternative-objectives-of-business-firms/7130
4. https://www.britannica.com/topic/distribution-theory
5. https://www.economicsdiscussion.net/term-paper/information-economics/term-paper-on-information-economics-economics/29004

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: I-CC- II: ADVANCED MACRO ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 22PEC102

UNIT - I: Basic Concepts   (17 Hours)

Macro Economics – meaning and scope – macro static and dynamics – macroeconomic goals – national income – employment and unemployment - price – inflation – GDP and GNP concepts and measurements – aggregate demand and supply.

UNIT - II: National Income and Accounts   (17 Hours)

Circular Flow of Income in two – three and four – sector economy; different forms of national income accounting –social accounting, input – output accounting, flow of funds accounting and balance of payments accounting.

UNIT - III: Consumption Function   (18 Hours)

Keynes psychological law of consumption-implications of the law; short-run and long- run consumption function; Income-consumption relationship-absolute income, relative income, life cycle and permanent income hypotheses.

UNIT - IV: Investment function   (18 Hours)

Marginal efficiency of capital and investment – long run and short run; The Multiplier – accelerator and investment behaviour –impact of inflation; Influence of policy measure on investment.

UNIT - V: Neo – Classical, Keynesian Synthesis and Post-Keynesian Syntheses   (20 Hours)

Neo – Classical and Keynesian views on interest; the IS – LM model; Slopes of IS and LM; Extension of IS-LM model with government sector; Relative effectiveness of monetary and fiscal policies; extension of IS-LM models with labour market and flexible prices.

Total Lecture Hours - 90

COURSE OUTCOMES:

Students will be able to

1. Demonstrate and define the basic concepts of Macro Economics.
2. Analyze the circular flow of income between different sectors and identify the leakages.
3. Utilize consumption function theories to evaluate the relationship between income and consumption.
4. Indicate the impact of inflation on investment function.
5. Articulate the need for equality between money market and capital market through IS-LM model and identify the effectiveness of monetary and fiscal policies.

TEXT BOOKS:
1. M.L.Jhingan (2016), Macro Economic Theory, Virunda Publications (P) Ltd, Delhi.
2. I.C.Dhingra , VK.Garg, P.L.Mattoo (2012), Macro Economic analysis & Policies, Sultan Chand & Sons Publishers, New Delhi
3. M.L.Seth (1980), Macro Economics, Lakshmi NarainAgarwall Educational Publishers, Agra
4. N.GregoryMankiw, (2015), Macro Economics, Macmillan Press Ltd, UK.
5. V.D.Shah(2010), Macro Economics, Sublime Publication, Jaipur

REFERENCE BOOKS:
1. E.S.Srinivasan (1973), Macro Economics, Sultan Chand & Sons Publishers, New Delhi.
2. Ahuja H.L (2016), Macro Economics, S Chand & Company, New Delhi.
3. N.GregoryMankiw, P.Taylor (2017), Macro Economics, Cengage Learning India Pvt. Ltd, Noida.
4. RudingerDornbusch, Stanley Fischer, Richard Startz (2018), Macro Economics, McGraw Hill Education,New York.
5. Froyen (2013), Macro Economics : Theories and Policies, Pearson Education India, New Delhi

E RESOURCES:
1. https://www.economicsdiscussion.net/concepts-2/5-basic-concepts-of-economics/18127
2. https://www.economicsdiscussion.net/national-income/national-income-definitions-circular-flow-and-concepts-with-diagram/6171
3. https://www.economicsdiscussion.net/consumption-function/consumption-function-concept-characteristics-and-possibility/20695
4. https://www.economicsdiscussion.net/investment/investment-function/investment-function-in-an-economy-importance-types-and-determinants/7851
5. https://www.economicshelp.org/blog/6930/economics/neo-classical-synthesis/

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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: I-CC- III: MONETARY ECONOMICS

Ins. Hrs. /Week : 6   **Course Credit: 5**   **Course Code : 22PEC103**

UNIT - I: Supply of Money   (18 Hours)

Financial intermediation a mechanistic model of bank deposit determination; A behavioural model of money supply determination, a demand determined money supply process – Inside and outside money (Gurley and Shaw) – RBI approach to money supply; High powered money and money multiplier; Budget deficits and money supply; money supply and open economy; control of money supply – Instruments of credit control.

UNIT - II: Demand for Money   (17 Hours)

Classical approach to demand for money-Quantity theory approach, Fisher's equation, Cambridge quantity theory – Neutrality of money, Classical dichotomy – Keynes's liquidity preference approach, transaction, precautionary and speculative demand for money-aggregate demand for money, derivation of LM curve.

UNIT - III: Theory of Inflation   (18 Hours)

Classical, Keynesian and Monetarist approaches to inflation; Structuralist theory of inflation; Philips curve analysis-Short run and long run Philips curve; Samuelson and Solow – the natural rate of unemployment hypothesis; Tobin's modified Philips curve, Adaptive expectations and rational expectations; policies to control inflation.

UNIT - IV: Post-Keynesian Demand for Money   (20 Hours)

Post – Keynesian approaches to demand for money-Patinkin and the Real Balance Effect, Approaches of Baumol and Tobin; Friedman and the modern quantity theory; Crisis in Keynesian economics and the revival of monetarism; Mundell – Fleming model-Asset markets, expectations and exchange rates.

UNIT - V: Financial Market   (17 Hours)

Nature and functions of financial market – Money market – Meaning, Characteristics and constituents, functions, structure and institutions of money market – Bankers –Weakness of Indian money market – recent concepts and instruments of financial market – capital market.

Total Lecture Hours - 90

COURSE OUTCOMES:
Students will be able to
1. Describe and explain the main channels of the monetary transmission mechanism, through which monetary policy can have real effects on the economy.
2. Evaluate the different approaches to demand for money and the motives behind liquidity preference.
3. Analyze the theories of inflation and identify the causes and effects.
4. Synthesize the post – Keynesian approaches of demand for money.
5. Identify the nature, functions and characteristics of financial market and compare the money market with financial market

TEXT BOOKS:

1. M.L. Seth, (2014) Monetary Economics, LaxmiNarainAgarwal, Sanjay Palace, Agra, UP.
2. Shapiro,E, (2013)Macroeconomic Analysis, Galgotia Publications, New Delhi
3. Surrey, M.J.C. (2013.), Macroeconomic Theories, Oxford University Press, Oxford
4. Suraj B Gupta , (2010), Monetary Economics: Institutions, Theory & Policy Paperback, S. Chand& Co Publication Ltd., New Delhi
5. Sen. A. (1999), Microeconomics: Theory and Application, Oxford University Press, NewDelhi

REFERENCE BOOKS:

1. Jhingan,M.L.(2005),MonetaryEconomics[KonarkPublication,NewDelhi]
2. Sundaram, K.P.M. (2003), Money, Banking andInternationalTrade[Vikas,NewDelhi].
3. Vaish,M.C.(2004),Money,BankingandInternationalTrade[NewAgeInternational, NewDelhi].
4. Gupta,R.D.(1995),KeynesandPostKeynesianEconomics[KalyaniPublishers,New Delhi].BasilJ.Moore (1965)
5. AnIntroductiontotheTheoryofFinance[OxfordUniversityPress].
6. Basu,S.K.(1975),RecentBankingDevelopment[ChandandCo.,NewDelhi].
7. Johnson Harry(1957),Essays in Monetary Economics[GeorgeAllenUnwin].

E RESOURCES:

1. www.econ.iastate.edu
2. https://www.elsevier.com
3. https://libraries.ou.edu/business
4. https://researchguides.smu.edu.sg/c.php?g=421895&p=2881575
5. https://libguides.reading.ac.uk/economics/e-resources

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: I-CC- IV: MATHEMATICAL ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 4   Course Code : 22PEC104

UNIT - I: Matrix Algebra   (20 Hours)

Types of matrices - Addition and Subtraction of matrices - Scalar Multiplication- Vector multiplication-multiplication of matrices -Commutative, Associative and Distributive laws in matrix algebra- Matrix expression of a system of linear equations-Transpose of a matrix.

UNIT - II: Matrix Inversion and Input-Output Analysis   (19 Hours)

Determinants and non-singularity- Third order determinants – Cofactor and adjoint matrices- Inverse of a matrix- Solving a system of linear equations using matrix inverse method - Cramer's rule using determinants- Leontief's input-output model – Open and closed model components, Assumptions uses, and limitations of input output analysis -Hawkins -Simon conditions.

UNIT - III: Differential Calculus   (17 Hours)

Differentiation -Definition-Rules of differentiation- demand and supply function -utility function, cost, revenue and profit function -market equilibrium -Elasticity of demand and supply -partial derivatives -uses of derivatives in Economics.

UNIT - IV:Integral Calculus   (18 Hours)

Definition of Integration - Rules of integration – Standard results- indefinite integrals-Cost and revenue: Total, average and marginal cost and revenue- Definite integrals-Definition and Concept of Consumer's Surplus and Producer's Surplus- Evaluation of Consumer's Surplus and Producer's Surplus using definite integral.

UNIT - V: Game Theory and Linear Programming   (16 Hours)

Definition and Basic concepts of Game theory- Classification and description of Games-Payoff Matrix-Pure strategy -Saddle point- Mixed strategy- Linear programming-: Assumptions-Properties, uses and limitations- Graphic method and Applications-Concept of Dual.

Total Lecture Hours - 90

COURSE OUTCOMES:

Students will be able to

1. Apply mathematical tools to simple problems in Economics
2. Analyze the inter dependence between industries through Leontief model.
3. Use the concept of differentiation to explain economic theories
4. Determine the relationship between average cost , marginal cost, average revenue and marginal revenue
5. Evaluate Consumer's Surplus and Producer's Surplus using integral calculus

TEXT BOOKS:

1. Mehta and Madnani (2008), Mathematics for Economists, Sultan Chand & Sons, New Delhi.
2. B.M.Agarwal (2009), Business mathematics and statistics, Ane book (P) Ltd, New Delhi
3. Hoy (2012), Mathematics for Economics, Prentice Hall India Learning Private Limited, New Delhi.
4. Carl P Simon Lawrence Blume (2018), Mathematics for Economists, Viva Books Pvt. Ltd, Bangalore.
5. Edward Dowling (2011), Schaum's Outline of Introduction to Mathematical Economics, McGraw-Hill Education, New York.
6. Koutsyiannis. A (2002), Modern Micro Economics (New York: The Macmillan).

REFERENCE BOOKS:

1. Allen, R.G.D. (2014),Mathematical Analysis of Economists, Macmillan Press and ELBS, London
2. Chiang, A.C. (2017),Fundamental Methods of Mathematical Economics, McGraw Hill, New York
3. Monga, G.S. (2001), Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi
4. Salvatore Dominick (2011), Mathematics for Economists, Schaum Series
5. Yamane, Taro (2012), Mathematics of Economists, Prentice Hall of India, New Delhi
6. Dowling Edward T (1989), Mathematical Methods (Schaum Series, New York)
7. Geoff Renshaw (2009), Mathematicss for Economics (Oxford University Press, London)
8. Henderson J.M &R.N. Quandt (1979), Micro Economic Theory (New York: McGraw Hill).
9. Lancaster K (1998) ,Mathematical Economics (New York: The Macmillan)

E RESOURCES:

1. www.mids.ac.in
2. www.usiu.libguides.com
3. https://epgp.inflibnet.ac.in/Home/
4. https://ocw.mit.edu/courses/economics/14-30-introduction-to-statistical-method-in-economics-spring-2006/
5. https://ebooks.lpude.in/arts/ma_economics/year_2/DECO504_STATISTICAL_METHODS_IN_ECONOMICS_ENGLISH.pdf

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Semester: I-EC- I (A): ENVIRONMENTAL ECONOMICS

Ins. Hrs. /Week : 6   **Course Credit: 3**   **Course Code : 22PECE1A**

UNIT - I :Economy and the Environment (17 Hours)

The interaction between the economic system and the environmental system- The services provided by the environmental systemto the economic system- The Material Balance model- Types of Pollutants: Cumulative and non- cumulative; Local, régional and global; Point source and non- point source- Welfare effects of pollution: Local and global air pollution (acid rain, ozone depletion,globalwarming),waterpollution,municipalsolidwaste.

UNIT - II :Market and the Environment (17 Hours)

Conditions for efficient functioning of markets- Market failure and environmental damage – Environmental damage as an externality – Environmental goods as public goods – Asymmetric information and environmental damage; adverse selection,moral hazard.- Property rights and environmental damage: the Coase Theorem - "Government failure" and environmental damage- Pollution control Policies – Command-and-control policy – Market based instruments: Pollution taxes, tradable permits, subsidies.

UNIT - III:Environmental Valuationand Environmental Demography (16 Hours)

Cost-Benefit analysisand compensation criteria- The need for environmental valuation - The categoriesof environmental value- Methods of environmental valuation – Revealed preference methods: Hedonic pricing method, travel cost method: - Stated preference approach; Contingent ValuationMethodEnvironment as a public good, market failure, coase theorem, theories of population.

UNIT - IV:Natural Resource Economics (20 Hours)

Types of natural resources, the McKelvey classification- Measuring resource scarcity: Resource lifetime, unit cost measures, real prices, economic rent - Allocating non-renewable resources: The Hotelling Theorem- Renewable resources – Forests: Frontier model and immiserisation models of deforestation; Consequences of deforestation; - Fisheries:"Efficient sustainable yield"; - Water: Efficient allocation of surface and ground water- Common Property Resources (CPRs) – Characteristics of CPRs -Dissipation of Hotelling rents ("tragedy of the commons") - Ostrom's "design principles" for sustainable local CPRgovernance**.**

UNIT - V: Economic Growth and Sustainable Development (20 Hours)

Growth and the environment: The environmental Kuznets curve- The "limits to growth" Club of Rome model- Economics of sustainable development – Brundtland Commission definition – Theories of sustainable development: weak sustainable development and strong sustainable development – sustainability rules: The "Hartwick rule"; Safe minimum standards; - Measuring sustainable development: "green national accounts"; genuine savings - Link between poverty and environmental degradation- Economics of Climate Change – Summary of Stern Review.

Total Lecture Hours- 90

COURSE OUTCOMES:

Students will be able to
1. Identify the interaction between economy and environment.
2. Demonstrate the conditions for efficient functioning of market and assess the market failure and environmental damage.
3. Evaluate environment by different methods and the impact of population on environment.
4. Propose efficient allocation of natural resources.
5. Articulate the link between poverty and environmental.

TEXT BOOKS:
1. N.Rajalakshmi, Birundha, Dhulasi (1994) "Environmental Economics analysis of Environment" Allied Publishers, Ahmedabad.
2. Agarwal S.K.(2014) "Environmental Issues and Themes", APH Publishing Corporation, 5 – Ansari Road, New Delhi
3. Dr. M. Karpagam, (2011) Environmental Economics,SterlingPulishersPvt. Ltd. New delhi.
4. Dr. S. Sankaran, (2015) Environmental Economics, Margham Publishers, Chennai
5. Singh, G.N. (1991),"Environmental Economics", Mittal Publications, New Delhi.
6. Sumi Krishna, (2017) "Environmental Politics People's lives and Development Choices" Saga Publications, New Delhi.

REFERENCE BOOKS:
1. Ajit Kumar Singh,(2013) "Land use Environment and Economic Growth in India", MD Publications PVT, LTD, New Delhi.
2. Bromley, D.W. (Ed.,)(2002) Handbook of Environmental Economics" Cambridge University Press Cambridge.
3. Hanley Nick, Jason Shogren and Ben White(2007),"Environmental Economics in Theory and Practice"second edition, Palgrae Macmillan Publishers, London.
4. NeelaMukaherjee,(2000) "Participatory appraisal of Natural Resources",Concept Publications, company New Delhi.
5. PravinSheth, (2014) Environmentalism Policies, Ecology and Development", Rawat Publications, Jaipur and New Delhi.
6. William J Baumol, (1972), 'On Taxation and the Control of Externalities', American Economic Review, LXII (3): 307-22
7. Field, Barry C (2001), Natural Resource Economics: An Introduction (London: McGrawHill).
8. Sankar U (2000), Environmental Economics (OxfordUniversityPress: NewDelhi)

E RESOURCES:
1. https://en.wikipedia.org/wiki/Say%27s_law
2. https://link.springer.com/article/10.1007/s10640-020-00516-y
3. https://www.grin.com/document/283864
4. https://en.wikipedia.org/wiki/Environmental_issues
5. https://www.ntpc.co.in/sites/default/files/downloadEnvironmentPolicy2017.pdf
6. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=NEp/xikgBgNtfA+sgFQAcA==

Semester: I-EC- I (B): ECONOMICS OF NATURAL DISASTER

Ins. Hrs. /Week : 6   Course Credit: 3   Course Code : 22PECE1B

UNIT - I :Introduction (17 Hours)

The goal of disaster economic analysis- Important terminology-hazard,vulnerability, disaster, disaster risk, mitigation, preparedness, rehabilitation and reconstruction- Types of hazards - Natural hazards- Man made hazards.

UNIT - II :Economic Effects of Disasters (16 Hours)

Direct effects-Indirect effects -Secondary effects- Consequences of disasters - measurement of consequence -Tangible losses - Intangible losses – Recent Global Issues on Disaster Management.

UNIT - III :Disaster Risk Reduction and Mitigation (20 Hours)

Quantification of disaster risk: UNDP's Disaster Risk Index- Components of disaster risk reduction –Role of market- Integrating disaster risk in poverty reduction strategy and incorporating disaster risk in economic appraisal- Vulnerability context - Source of Vulnerability - Tools for assessing hazard-induced Vulnerability - Vulnerability indicators- Mitigation of economic and humanimpact.

UNIT - IV: Intervention Policies (19 Hours)

Differences in intervention for natural and human – made disasters- Policy instruments for disaster intervention- Interventions for general multi – sectoral disasters - Disasters involving displaced populations - Disasters leading to food insecurity - Disaster expected from climate change.

UNIT - V :Finance Options (18 Hours)

Debt swaps – Triangularfood aid- Disaster insurance- Revolvingfunds- Central bankassistance.

Total Lecture Hours- 90
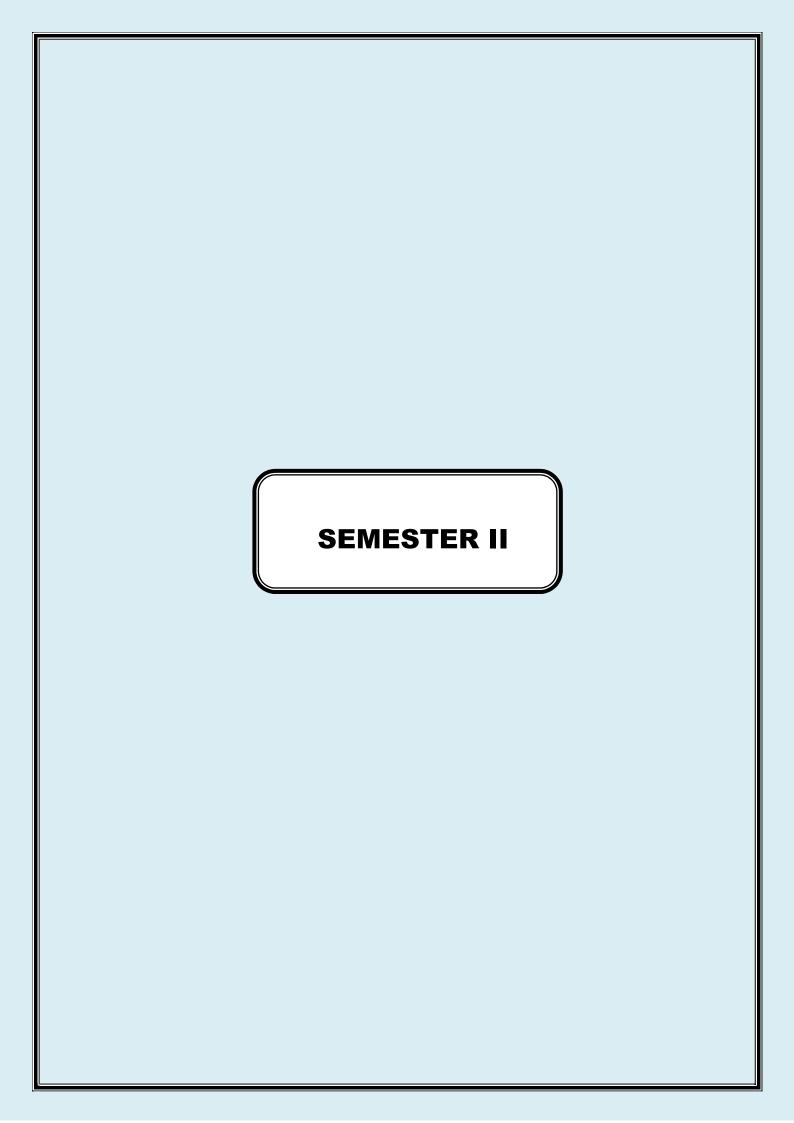
COURSE OUTCOMES:

Students will be able to

1. Identify dynamic resource utilization problems in the context of renewable and non-renewable resources.
2. Identify the economic effects of disaster.
3. Suggest the methods of risk reduction and analyze the economic and human impact of mitigation.
4. Differentiate between natural and human made disasters.
5. Demonstrate the role of state in assisting the victims.

TEXT BOOKS:

1. Ahmad, Ayaz: (2003), Disaster Management,(Anmol Publications. NewDelhi).
2. Ghosh, G.K: (2007),Disaster Management; Saujanya Books, New Delhi.
3. Ross Bull (1994), DisasterEconomics, UNDP, Disaster Management TrainingProgramme.
4. AgarwalS.K:(2006), PerspectivesonOrganisational Disaster Management,(IndianBooks).
5. SatishModh, (2006), Citizen's Guide to Disaster Management (Macmillan Press, NewDelhi).

REFERENCE BOOKS:

1. Benson, Charlotte and John Tuigg(2007), Tool for Mainstreaming Disaster Reduction Geneva: Prevention consortium (online ed) (unit-3).
2. BullRoss:(1994),DisasterEconomicsUNDP,DHA,(onlineed).
3. Institution of Civil Engineers: (1995), Modalities: Reducing vulnerability to Natural disasters, (London:ODA.)
4. Kamal Taori: (2007), Disaster Management ThroughPanchayat Raj, (Concept Publishers, NewDelhi).
5. Richard Sylves: (2008), Disaster Policy and Politics, (SAGE Publications, NewDelhi).

E RESOURCES:

1. https://en.wikipedia.org/wiki/Environmental_issues
2. https://www.stlouisfed.org/publications/regional-economist/april-1994/the-economics-of-natural-disasters
3. https://research.stlouisfed.org/publications/page1-econ/2018/05/03/the-economics-of-natural-disasters
4. https://www.annualreviews.org/doi/10.1146/annurev-resource-073009-104211
5. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11

SEMESTER II

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE

(AUTONOMOUS)

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: II-CC- V: COMPUTER APPLICATION IN ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 22PEC205

UNIT - I: Fundamentals of Computer   (17 Hours)

Basic concepts and components of a computer – CPU, input – output devices –bit, byte, data storage, retrieval, hard disk – computer networking and resources sharing – hardware & software.

UNIT - II: Text Management with MS-WORD   (20 Hours)

Creating new Documents –Document template – Typing Text – Editing Text –Insert Text – Go to, Find, and Replace text or word - Formatting of Text –Format painter – Cut and Paste utility - Copying Document/text in the sameor Different file or Document – Drag and drop of typed text- creating tables –using auto correct, dictionary thesaurus.

UNIT - III: Managing Data Base   (19 Hours)

EXCEL: The typical worksheet or spread sheet – cell and their properties–formatting cell– text, numbers, currency, accounting, date, time, percentage, scientific – formats- Formula: using arithmetic and relational operators in a worksheet -Advanced Formulas: sum, count, Average, Max, Min, Product – Using auto format

UNIT - IV: Graphs and Charts   (17 Hours)

Bar diagrams, pie charts, Area- Building Line Diagrams, Histograms, Scatterplots-Frequency Graphs, Ogive Lorenz curve-Time Series

UNIT - V: Data Analysis –II   (17 Hours)

Classification: K-means cluster, Hierarchical cluster, Discriminant function - Non-parametric Test: Chi-square, Bi-nominal – Time Series–Exponential Smoothing, Auto regression, Seasonal Decomposition.

Total Lecture Hours- 90

COURSE OUTCOMES:

Students will be able to

1. Identify the basic concepts and components of computer.
2. Handle micro soft word effectively.
3. Solve arithmetic problems using MS Excel.
4. Interpret the data in the form of graphs and charts.
5. Apply statistical techniques for data analysis.

TEXT BOOKS:
1. James A.O'brien, 2006, Management Information Systems, Tata McGraw Hill Edition, New Delhi
2. Gerald V. Post & David L. Anderson, 1999, Management Information Systems, Tata McGraw Hill Edition, New Delhi
3. C.S.V. Murthy, 2000, Management Information Systems, Himalaya Publication, Mumbai
4. D.P. Goyal 2000, Management Information Systems, Macmillan Delhi

REFERENCE BOOKS:
1. Lipschuztz M.M. and S.Lipschultz (1982),Theory and problems of Data processing: Schaum's Outline Series, (McGrawHill,NewYork.
2. Corey Sandler, TomBadgett, JanWeingarten (1997),   Office 97 for Windows (BPBPublications, NewDelhi).
3. Andy Field(2000), Discovering Statistics Using SPSS for Windows–Advanced Techniques for the Beginner [SagePublications,NewDelhi]

E RESOURCES:
1. http://www.ernestoamaral.com/docs/soci420-17fall/Lecture24.pdf
2. https://www.jstor.org/stable/4357039
3. https://dictionary.apa.org/theoretical-distribution

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: II -CC- VI : FINANCIAL ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 22PEC206

UNIT - I: Introduction to Financial Economics   (19 Hours)

Objectives – Functions – Scope – Evolution – Interface of financial economics with other areas – Corporate finance.

UNIT - II: Time Value of Money   (20 Hours)

Future value of single cash flow, Multiple cash flow, annuity, sinking fundfactor – Present value of single cash flow – Multiple cash flow, annuity,annuity dues, perpetuities, comparison rates.

UNIT - III: Sources of Long –term Finance   (19 Hours)

Equity capital, retained earnings, preference capital, term loans, debentures,pattern of corporate financing in India.

UNIT - IV: Financial Statement Analysis   (15 Hours)

Introduction, meaning of financial analysis – Types and devices of financial analysis – Understanding financial statements: Balance sheet, Income statement. Common size analysis, trend analysis and ratio analysis.

UNIT - V: Fund Flow and Cash Flow Analysis   (17 Hours)

Working capital – Basics of working capital – Working capital finance – Sources of working capital.

Total Lecture Hours- 90

COURSE OUTCOMES:
Students will be able to
1. Synthesize the objectives and scope of financial economics.
2. Evaluate the time value of money by different methods.
3. Identify the sources of long-term finance and the pattern of corporate financing in India.
4. Prepare, analyze and evaluate financial statement.
5. Review the sources of working capital in a business firm.

TEXT BOOKS:
1. Bhole L. M, (1999) Indian financial system, Chugh Publications, Allahabad.
2. Johnson. H. J. (1993) Financial Institutions and Markets. McGraw Hill New York.
3. Pandey .M, (2012) Financial Management, University of Delhi.
4. Prasad K. N. (2014) Development of India's financial system.Samp and sons New Delhi.
5. Stephen.A, (2015) Modern Financial Management, Harvard University, California Institute of Technology,California

REFERENCE BOOKS:
1. D.G.Luenberger(1998),InvestmentScience,OxfordUniversityPress,NewYork.
2. **J**.CvitanicandZapateroF(2004),IntroductiontoEconomicsandMathematicsofFinancial Markets,MIT Press,Cambridge,London.
3. **E.J**.Eltonand**M.J**.Gruber,(2005),ModernPortfolioTheoryandInvestmentAnalysis,Wiley,London.
4. Z.Bodie,A.KaneandA.J.Marcus(2004),Investments,IrwinMcGraw–Hill,London.
5. R.A.Haugen(2001),ModernInvestmentTheory,FifthEdition,PrenticeHall,NewJersey.
6. J.C.Hull(2004),FuturesandOptionMarkets,Prentice-Hall,NewJersey

E RESOURCES:
1. https://www.investopedia.com/terms/f/financialeconomics.asp#:~:text=Financial%20economics%20is%20a%20branch,the%20market%20as%20a%20whole.
2. https://en.wikipedia.org/wiki/Financial_economics
3. https://web.stanford.edu/~wfsharpe/mia/int/mia_int2.htm
4. https://www.ovgu.de/unimagdeburg/en/Study/Study+Programmes/Master/Financial+Economics-p-55738.html.
5. https://www2.daad.de/deutschland/studienangebote/international-programmes/en/detail/3594

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: II-CC- VII: DEVELOPMENT ECONOMICS

Ins. Hrs. /Week : 5   **Course Credit: 5**   **Course Code : 22PEC207**

UNIT - I: Introduction   (18 Hours)

Definition and Concepts of development: (a) GNP) as development indicator (b) Sen's capabilities approach to development: The Human Development Index- The structural characteristics of developing economies- Factors of development (a) Capital accumulation (b) Labour (c) Natural resources (d) Technological Progress (e) Social institutions cultural values and entrepreneurial ability**.**

UNIT - II: Theories of Development   (19 Hours)

Development as growth: (a) Harrod-Doman model (b) Rostow's stages of growth theory (c) Lewis theory (d) balanced and unbalanced growth (e) Neo classical growth theory –Solow Model- Contemporary theory of development:(a) New growth theory: Romer model (b) Underdevelopment as Co-ordination failure (c) Kremer's O-Ring theory of development-Dependency theory-path dependence in development: QWERTY- Geography and development: Krugman's theory.

UNIT-III: Poverty, Inequality and Human Capital   (18 Hours)

Measurement of inequality and poverty-Inverted –U hypothesis -Cause of inequality- Investing in education and health-the human capital approach- Education and Development(a) social and private benefits of education- (b) education, inequality and poverty (c)Women's education and development- Health system in development (a) health and productivity (b) financing health system in developing economics (c) Gender perspective in health care.

UNIT- IV: Agriculture and Rural Development   (17 Hours)

The role of agriculture in development- Agricultural policy: (a) agricultural taxation (b) pricing policy – Risk aversion and uncertainty in subsistence farming – share cropping and interlocking factor markets – Rural urban migration – Todaro model –Rural credit markets (a) providers and characteristics (b) theories of informed credit markets: lender's monopoly and default collateral.

UNIT- V: Policies for development   (18 Hours)

Market and the state in development - Trade Policy in development :(a) import substitution (b) export promotion- Fiscal policy for development:(a) direct Vs indirect taxes (b) pattern and level of taxation.- Financial system in development: (a) the role of financial system in development (b) role of central banks (c) financial liberalization.

Total Lecture Hours- 90

COURSE OUTCOMES:
Students will be able to
1. Demonstrate familiarity with some central themes and issues of economic development.
2. Demonstrate the difference between growth and development.
3. The measurement of inequality, significance of agriculture in developing countries, poverty and population issues facing the world, international trade, and importance of foreign aid.
4. Familiarity with the wide-ranging policy issues and theories in economics growth.
5. Has knowledge of different measurements of poverty and inequality, and pros and cons of the different measurements. The student shall understand different characteristics of world demographics and explain how population growth affects other economic circumstances.
6. Can explain the development of international trade patterns and central theories of international trade

TEXT BOOKS:
1. Debraj Ray, (2007) Development Economics. Oxford University Press, New Delhi.
2. Deepak Agrawal, (2005) Development Economics, Axis books (P) Ltd, New Delhi.
3. M.L.Jhingan, (2016) The Economics of Development and Planning, Vrinda publication (P) Ltd, New Delhi.
4. Thirlwall, (2013) Growth and Development with Special Reference to Developing Countries.Palgrave McMillian, New Delhi
5. Todaro and Smith, (2015) Economic Development, Pearson Education, New Delhi

REFERENCE BOOKS:
1. Adelman, I, (2014) Theories of Economic Growth and Development, Stanford University Press, Stanford
2. Behrman, S. and T.N. Srinivasan, (1998) Handbook of Development Economics Vol.3, Elsevier, Amsterdam
3. Chenery, H. and T.N. Srinivasan (Eds.) (1998) Handbook of Development Economics, Vols. 1 & 2, Elsevier, Amsterdam
4. Ghatak, S,(1995) an Introduction of Development Economics, Allen and Unwin, London
5. Meier, G.M, (2005) Leading Issues in Economic Development, (6th Edition), Oxford University Press, New Delhi
6. Michael P. Todaro and Stephen C. Smith (2004), Economic Development,PearsonEducation,Singaporecha-2,6,7,8,
7. YujiroHayami(2003),DevelopmentEconomics:OxfordUniversityPress,NewDelhi.
8. DebrajRay(2009),DevelopmentEconomics,OxfordUniversityPress,New Delhi.
9. JomoK.S. and Ben Fiveth(Eds); (2005), "The New Development Economics: London Zes Books and NewDelhi, Tulika Books.
10. World Development Reports,(TheWorldBank1998,2005,2007,and2009)

E RESOURCES:
1. https://study.com/academy/lesson/what-is economic-growth-and-development definitio-theories-indicators.htm
2. https://www.gktoday.in/gk/economic-growth-models-harrod-domar-growth-model/
3. https://www.encyclopedia.com/international/encyclopedias-almanacstranscripts-and-maps/economic-development-importance-institutions-and-social aspects
4. https://www.coursehero.com/file/92003674/Theories-of-development-1pdf/
5. https://www.ukessays.com/essays/economics/approaches-economic-development-1812.php

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: II-CC- VIII : STATISTICAL METHODS

Ins. Hrs. /Week : 5	**Course Credit: 4**	**Course Code : 22PEC208**

UNIT - I: Measures of central tendency and dispersion (15 Hours)

Mean, Median and Mode – Properties of arithmetic mean- Use of Various Measures of Average – Range – Quartile Deviation – Mean Deviation – Standard Deviation-Co-efficient of variation- Skewness: Karl Pearson and Bowley's method of Skewness**.**

UNIT - II: Correlation and regression (15 Hours)

Correlation Techniques –Karl Pearson's method -Spearman's rank correlation- Partial correlation: characteristics, limitations, zero order, first order and second order coefficients - multiple correlation: advantages and limitations- Regression analysis : Simple regression, equations, curve fitting by the method of least squares, multiple regression.

UNIT - III: Theoretical Distribution (15 Hours)

Binomial distribution: Fitting a binomial distribution- Poisson distribution: Fitting a poisson distribution, Constants and role -Normal distribution: Graph, properties, Conditions for normality, Constants, significance-Hyper Geometric distribution.

UNIT - IV: Test of Significance (15 Hours)

Sampling distribution: features, standard error, utility of the concept of standard error -Testing of hypothesis: procedure for testing, types of errors, test of significance for small samples: t distribution, properties and applications -Test of significance for large samples: two tailed test for difference between sample means, standard deviations: x 2 test, constants and uses of chi square distribution -F test (ANOVA) - SPSS : An Introduction.

UNIT - V: Index Numbers and Time Series Analysis (15 Hours)

Uses, selection of number of items, base year price relatives-Fisher's ideal index- Factor reversal test-Time reversal test-Chain index- Base shifting –conversion of current price data into constant price data – price index numbers in India –Components of time series – Moving averages-Straight line trend.

Total Lecture Hours- 75

COURSE OUTCOMES:

Students will be able to

1. Discuss key terminology, concepts, tools and techniques used in Statistics
2. Classify and tabulate the collected data and represent with suitable diagrams and graphs
3. Evaluate and infer the facts underlying different sets of data with measures of central tendency and dispersion
4. Apply correlation and regression techniques to evaluate the relationship between variables and Measure different components of time series and predict the trend values.
5. Formulate and test hypothesis using t test, F test and chi square test for research work

TEXT BOOKS:

1. Dr.S.P.Gupta (2021), Statistical Methods, Sultan Chand & Sons, New Delhi.
2. R.S.N Pillai, V.Bagavathi (2010), Statistics, Sultan Chand & Sons, New Delhi.
3. Gupta, S.C. (2014), Fundamentals of Applied Statistics, S.Chand& Sons, New Delhi.
4. Salvatore, Dominick (1982), Statistics and Econometrics, McGraw Hill, New Delhi
5. Alexander M.Mood (2017), Introduction to the theory of Statistics, McGrawHill, International Edition

REFERENCE BOOKS:

1. .Speigal, M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book Co.,London
2. S.P Gupta (2021), Statistical Methods, Sultan Chand and Sons, New Delhi.
3. H.C.Taneja (2019), Statistical Methods for Engineering and Science, Dream tech Press,New Delhi.
4. N. Das (2017), Statistical Methods, McGraw Hill Education, New York.
5. TR. Jain, SC Aggarwal, Statistical Methods for Economics, VK Global Publication Pvt.Ltd, Haryana.

E RESOURCES:

1. www.mids.ac.in
2. www.usiu.libguides.com
3. https://epgp.inflibnet.ac.in/Home/
4. https://ocw.mit.edu/courses/economics/14-30-introduction-to-statistical-method-in-economics-spring-2006/
5. https://ebooks.lpude.in/arts/ma_economics/year_2/DECO504_STATISTICAL_METHODS_IN_ECONOMICS_ENGLISH.pdf

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: II -EC- II (A) : WELFARE ECONOMICS

Ins. Hrs. /Week : 5   Course Credit: 3   Course Code :22PECE2A

UNIT - I : Basic Concepts   (15 Hours)

Positive and normative economics, welfare economics as a normative study- Preference orderings- Utility function: properties of utility function- Interpersonal comparisons of utility: degrees of interpersonal comparability.

UNIT - II : Measurement of Welfare   (15 Hours)

Ordinal measure, merits and demerits of ordinal measure – Cardinal measure: interval scale and ratio scale Merits and demerits of cardinal measure - Hicks's four measures of consumers' surplus.

UNIT - III : Definitions of Welfare   (15 Hours)

The preference definition of well – being - Utilitarian definition - Rawlsian welfare theory - Sen's capability approach.

UNIT - IV : The Pareto's Optimum   (15 Hours)

The Pareto's Optimum, Compensation criteria – Kaldor, Hicks criterion, Scitovsky Criterion, Little Criterion – Social Welfare Function – Arrows Impossibility Theorem, Maximization of Social Welfare – Production possibility Curve (PPC) – PPC to grand possibility curve (GPC) – Rawls theory of Social Justice.

UNIT - V : Social Choice   (15 Hours)

Bergson – Samuelson social welfare function – Types of social welfare functions: utilitarian, egalitarian and Rawlsian SWFs - Arrow's impossibility, Resolving Arrow's paradox: single peaked preferences - Sen's "paretianliberal" theorem.

Total Lecture Hours- 75

COURSE OUTCOMES:

Students will be able to

1. Compare Positive and normative economics
2. Examine the difference between cardinal and Ordinal measurement
3. Explain the various concept of Utilitarian definition
4. Analyse the relationship between Kaldorand Hicks criterion

TEXT BOOKS:

1. Edgar K.Browning, Mark A. Zupan, Micro Economics : Theory and Applications, 13th Edition, Wiley Publications, 2020
2. DN.Dwivedi, Micro Economics Theory and Applications: Third Edition Vikas Publication Pvt. Ltd., 2016..
3. Jhingan M.L., Advanced Economic Theory, .Himalaya Publishing House, New Delhi, 2014
4. Koutsoyiannis, A, Modern Economics, Macmillan press, London,2014.
5. Maddala G.S and Miller, Ellen, Micro Economics: Theory and Applications, Tata McGraw Hill, New Delhi, 2004

REFERENCE BOOKS:

1. Ng,Yew-Kwang(1983),WelfareEconomics:IntroductionandDevelopmentofBasicConcepts London:Macmillan.
2. SenAmartya(2004),InequalityRe-examined,OxfordUniversityPress,NewDelhi,chapters3,4,and8.
3. Muraleedharan.D., Modern Banking: Theory and Practice, PHI Learning Publications, New Delhi, 2014
4. Nadar.E.N., Money and Banking, PHI Learning Publications, New Delhi, 2013
5. Carl.E.Walsh, Monetary Theory and Practice, PHI Learning Publications, New Delhi, 2011

E RESOURCES:

1. https://www.ideals.illinois.edu/bitstream/handle/2142/46174/Basic%20Concepts%20of%20Social%20Welfare%20in%20CEE.pdf?sequence=2.
2. https://www.imf.org/en/Publications/Policy-Papers/Issues/2020/05/18/Measuring-Economic-Welfare-What-and-How-49438.
3. https://www.merriam-webster.com/dictionary/welfare
4. https://www.investopedia.com/terms/p/pareto-efficiency.asp
5. https://www.springer.com/journal/355

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: II -EC- II (B) : WOMEN STUDIES

Ins. Hrs. /Week : 5   Course Credit: 3   Course Code : 22PECE2B

UNIT - I : Introduction to Women's Studies   (14 Hours)

Need, Scope and challenges of Women's Studies - Women's Studies as an academic discipline - Women's Studies to Gender Studies - Need for Gender Sensitization - Women's Movements - global and local: Pre-independence, Post-independence and Contemporary Debates.

UNIT - II : Gender and Education   (16 Hours)

Women's Education - Gender diversities and disparities in enrolment, Curriculum content, Dropouts, profession and Gender - Gendered Education- Family, Culture, Gender roles, Gender Identities - Education for the Marginalized Women - Recent Trends in Women's Education – Committees and Commissions on Education.

UNIT - III : Women, Work and Employment   (16 Hours)

Concept of Work – Productive and non – productive work – Use value and market value - Gender Division of Labour – Mode of Production – Women in organized and unorganized sector - New Economic Policy and its impact on Women's Employment – Globalization – Structural Adjustment Programs.

UNIT –IV : Women and Health   (13 Hours)

Life Cycle Approach to Women's Health – Health status of women in India, factors influencing health and Nutritional status - Maternal and Child Health (MCH) to Reproductive and Child health approaches - Issues of declining Child Sex Ratio, Widowhood and old age.

UNIT - V : Women Empowerment and Development   (16 Hours)

Theories of Development, Alternative approaches – Women in Development (WID), Women and Development (WAD) and Gender and Development (GAD) - Women and leadership – Panchayat Raj and Role of NGOs and Women Development - Sustainable Development Goals, Policies and Programmes.

Total Lecture Hours - 75

COURSE OUTCOMES:

Students will be able to

1. Identify the need for gender sensitization
2. Analyze the disparities and diversities in gender enrollment
3. Critically analyze the life style and challenges of women.
4. Reveal the factors influencing women's health
5. Explain policies and programmes for women development.

TEXT BOOKS:

1. Christine Heward and Sheila Bunwaree (eds) 1999. Gender, Education & Development: Beyond Access of Empowerment. London: Zed Books Ltd.
2. Deborah Eade (ed) 2006. Development withWomen. Jaipur, Rawat Publications.
3. Goetz Anne Marie 2001. Women Development Workers. New Delhi: Sage Publications.
4. Mahadeva. Health Education for Better Quality of Life. B.R. Publications New Delhi,1990.
5. Martin Woodhead and Dorothy Faulkner (eds) 1999. Making Sense of Social Development.London: Routledge.

REFERENCE BOOKS:

1. Lewis Jane (ed). 1983 Women's Welfare. Women's rights. London: Croom Helm Ltd 1983.
2. NarasimhanW.Sakuntala 1999. Empowering Women. New Delhi, Sage Publications.
3. Paul Chowdary, D. "Women Welfare and Development (A Source Book)", Inter-India Publication, New Delhi – 2001.
4. Lakshmi Devi, "women Empowerment and Societal improvement", Anmol Publications, Pvt. Ltd., New Delhi – 2008.
5. Lakshmi Devi, "Women and Development", Anmol Publications, New Delhi – 2001.

E RESOURCES:

1. https://laulima.hawaii.edu/access/content/user/kfrench/sociology/Family_Text/Womens%20 Studies%20151%20Textbook.pdf
2. https://docs.iza.org/dp6532.pdf
3. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4814064/
4. https://economics.mit.edu/files/7417
5. https://pubmed.ncbi.nlm.nih.gov

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: II -EDC- I (A) : URBAN ECONOMICS

Ins. Hrs. /Week : 3   Course Credit: 2   Course Code : 22PECED1A

UNIT - I : The process of Urbanisation   (9 Hours)

Definition of Urban Area- causes of urbanization- Theories or urban structure and urban growth- Concentric Zone Theory-Central Place Theory-Urban base theory- Features of urbanization in Developing countries.

UNIT - II : Rural-Urban migration   (11 Hours)

Theories of Rural- Urban migration- Rosentein's Law, Lewis-Fei Ranis Model,Lee's Theory- Concept of informal sector and itsrole in economic development- Factors affecting migration- Economic Factors- Push and Pull factors Social and otherfactors.

UNIT - III : Problems of Urbanisation   (8 Hours)

Urban Transportation- Slums,Housing and Urban Renewal- Urban Water supply and Public Health- Urban FinancialProblems.

UNIT –IV : Urbanisation in India   (7 Hours)

21st Century Urbanisation in India-Growth of Urban Population- Urbanisation without labour absorption in India.

UNIT - V : Urban Development Policy inIndia   (10 Hours)

Policies and Programmes under the plans- Integrated Development of small and medium towns- Urban development and Housing Policy- Measures to control urban growth-Decentralisation industry-Growth Centres-Satellite towns.

Total Lecture Hours- 45

COURSE OUTCOMES:
Students will be able to
1. Apply economic theory in analysing property markets
2. Apply knowledge of sustainability and environmental issues in built environment contexts
3. Critically analyse, structure and report the results of research
4. Assess the impact of city ordinances (such as zoning or growth controls) on urban economic development.
5. Explain how land prices and the quantity and price of housing are determined in an urban area.
6. Explain the economic underpinnings of selected urban issues (such as poverty, transportation, education, employment).

TEXT BOOKS:

1. Ashish Bose (1989), India'sUrbanization 1901-2001 (Tata Mrgraw Hill Co, NewDelhi).
2. Francis Cherunillam (1984),Urbanizationin Developing Countries (Himalaya Publishing House,Mumbai).
3. Ghanshyam Shah, (1997), Urban Economics (Sage Publications,NewDelhi).
4. Brianc A and Ravinder Singh,(edited) (1995), Housing the Urban poor,Policy and Practice in Developing Countries, (Sage Publications, NewDelhi).
5. Fred Durr,(1987), The Urban Economy (London,IndexEducationalPublishers)

REFERENCE BOOKS:

1. Harris Tordon (1973), Introduction to urban Economic Analysis and policy (NewYork).
2. LolydRodwin and Associates (1969,Planning urban growth and Regional Development (London:M.T.Press).
3. Mark Garrett,(1996), Transportation Planning (Sage Publications,NewDelhi).
4. Robert L.Bish and Robert J.Kirk (1974),Economic Principles and Urban Problems (New Jerssey,PrenticeHallInc).
5. RohanPaddison and Bill Lever (Edited) (1999),Hand Book ofUrban Studies (Sage Publications, NewDelhi).
6. William H.Leahy,DavidL.Mckee and Robert D.D (1970), Urban Economics (New York,TheFreePress)

E RESOURCES:

1. https://www.sciencedirect.com/topics/economics-econometrics-and-finance/urban-economics
2. https://www.researchgate.net/publication/352530250_Sustainable_resources_of_urban_economy
3. https://urbaneconomics.org/workshops/lectures2020/slides/UEA_Lectures_Glaeser.pdf
4. https://www.maxwell.syr.edu/research/center-for-policy-research/research-publications/article/lecture-notes-in-urban-economics-and-urban-policy
5. https://urbanpolicy.berkeley.edu/pdf/QUrbanEconProof082806.pdf
6. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)
SUNDARAKKOTTAI, MANNARGUDI - 614016.
(For the candidates admitted in the academic year 2022-2023)
DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: II -EDC- I (B) : REGIONAL ECONOMICS

Ins. Hrs. /Week : 3	**Course Credit: 2**	**Course Code :22PECED1B**

UNIT –I : Introduction (9 Hours)

Objectives and scope of regional economic analysis - Regional economic problems – Causes – Economics of Geography – Krugman – Endogenous growth (LucasandRomer).

UNIT - II : Regional Economic Theories–I (8 Hours)

Location theory and economic activity Models and Problems of Regional Economic Growth.

UNIT - III : Regional Economic Theories–II (10 Hours)

Theories of Location – Weber's and Florence - Migration and Regional Development – Todaro Model- Three dimensions of Regional Development–Density, Distance and Economic Divisons.

Unit - IV : Regional Disparities (9 Hours)

Regional Disparities – Interstate variations of poverty and unemployment – Comparative analysis of industrial development in different stages – Agricultural development in different stages.

UNIT - V : Regional Planning (9 Hours)

Regional imbalances and Financial Institutions in India – Inter – state disparity –Problems of developing the backward areas – Regional Planning in India – Micro level plans –Special Economic Zone.

Total Lecture Hours- 45

COURSE OUTCOMES:
Students will be able to
1. Explain the various concept oftheTodaroModel
2. Describe the Determinants of Urban Land Prices
3. Evaluate the Urban Transportation
4. Critically analyse, cause of urban poverty

TEXT BOOKS:

1. Ashish Bose India's Urbanisation 1901-2001 (New Delhi,TataMrgraw Hill Co.), New Delhi
2. Francis Cherunillam (2000)Urbanisation in Developing Countries (Bombay,Himalaya Publishing House), Bombay.
3. Ghanshyam Shah, (1997)Urban Economics (Sage Publications,New Delhi)
4. Jan Brueckner,(2011) Lectures in Urban Economics, Cambridge, Massachusetts: The MIT Press, London
5. Edward GlaeserHarvard(2011)The best books on Urban Economics, New York.

REFERENCE BOOKS:

1. Anitakumari(2006),BalanceandRegionalDevelopmentinIndia:Issuesandpolicies,(NewCenturyPublications,NewDelhi).
2. Mishra **J** and ChakadarSinha (1988), Planning and RegionalDevelopmentinIndia(GuaravPublishingHouse**,J**alandhar)**.**
3. MishraR.P(2002),RegionalDevelopmentPlanningInIndia(Vikas,NewDelhi).
4. Friedman,JandW.AlansoEdited (1964)RegionalDevelopmentandPlanningAReader,(MITPress,Cambridge).
5. Isard.W(1960),MethodsofRegionalAnalysis,(MITPress,Cambridge).
6. MyrdalG.(1968)EconomicTheoryandUnderdevelopedRegions,(Vora,Bombay).
7. Richardson(1960),ElementsofRegionalEconomics,(PenguinBooks,NewDelhi).
8. WorldDevelopmentReport(2009),ReshapingEconomicGeography,(WorldBank).

E RESOURCES:

1. https://www.nber.org
2. https://www.city-journal.org
3. http://cat.lib.unimelb.edu.au/record=b7041979~S30
4. https://www.nber.org/programs-projects/programs-working-groups%23Groups/urban-economics
5. https://www.mheducation.com/highered/product/urban-economics-o-sullivan/M9780078021787.html

SEMESTER III

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE

(AUTONOMOUS)

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: III -CC- IX : INTERNATIONAL ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 23PEC309

UNIT - I :Pure Theory of International Trade   (18 Hours)

Meaning – Nature and Scope – Distinction between Internal and International Trade Comparative Cost Theory-Refinements of Comparative Cost Theory-Modern Theory of Factor Endowments–Leontief Paradox-Factor price equalization theorem–Factors Intensity Reversal: The Stolper-Samuelson Theorem and the Rybezynski Theorem.

UNIT - II : Recent Theories of International Trade   (18 Hours)

Karvi's Theory of Availability– Lindar's Theory of Volume of Trade and demand pattern-Posner's Technological Gap Theory – Vernon's Product Cycle Theory-Kenen's Human capital theory- Intra- Industry Trade –Theory of Imperfect Competition-Strategic Theory – External Economies and International Trade.

UNIT - III : Balance of Payments Policies   (18 Hours)

BOP Disequilibrium – Adjustment Mechanism :Elasticity Approach , Absorption approach and Monetary Approach-Expenditure changing monetary and fiscal policy –Monetary and Fiscal policies for internal and external balance: The Swan Model and Mundallian Model-Expenditure Switching Policies and Expenditure Reducing Policies–Foreign Trade Multiplier.

Unit –IV : Foreign Aid and MNCs   (18 Hours)

Foreign Aid - Types of Foreign aid – Advantages and Disadvantages – Factors determining foreign aid - Foreign Investment – Foreign Direct investment –Types of FDI – FDI Policy of India- Multinational Corporations – Features of Multinational Corporations-Advantages and Limitations of MNCs – MNCs and International Trade.

UNIT - V : Managing Foreign Exchange Risk   (18 Hours)

Fixed versus flexible exchange rates Foreign exchange risk-Sources of foreign exchange risk–types of exchange rate risk-Transaction risk, Translation risk, Economic risk-Measurement of Exchange Rate Risk - value-at-risk (VaR) model. Methods of managing foreign exchange risk - internal and external techniques- Forward contracts, Money market hedges Currency futures, Currency Options, Currency swaps.

Total Lecture Hours -90

COURSE OUTCOMES:
Students will be able to
1. Recognize the main economic theories and models of international trade.
2. Develop a systematic exposition of models of composition, direction and consequences of international trade.
3. Evaluate the importance of balance of payments.
4. Analyze the impact of International trade, foreign aids and MNCs on the economy.
5. Understand the methods of managing foreign exchange risk.

TEXT BOOKS:
1. AbdualRaheem&Vagheesan (2006),InternationalEconomics,LearntechPress,Trichy.
2. Aggarwal,M.R.(1979),RegionalEconomicCooperationinSouthAsia,S.ChandandCo.,NewDeli.
3. Jhingan,M.L.(2013),InternationalEconomics,VrindaPublications(P)Ltd,Delhi.
4. MithaniD.M.(Reprint-2009)InternationalEconomics,HimalayaPublishingHouse,NewDelhi.
5. RuddarDatt&K.P.M.Sundaram,(2018), IndianEconomy,S.Chand&Co.Ltd.,NewDelhi

REFERENCE BOOKS:
1. Francis   Cherunillam(2004),International   Economics (Tata McGraw Hill, NewDelhi).
2. Paul Krugman and Maurice (2013), International Economics: Theory and Policy Obstfeld (NewDelhi:Pearson).
3. J.N. Bhagwati (2003), Free Trade Today (Oxford University Press, NewDelhi).
4. JeffMadura(2011),InternationalFinancialManagement(Mason,Ohio:SouthwesternCengageLearning).
5. Sarno,Lucio;MarkP.Taylor&JeffreyA.(2002),TheEconomicsofExchangeRates(CambridgeUniversityPress,Frankel).
6. Desai, S.S.&NirmalBhalerao,(2003), International Economics, Himalaya Publishing House,Mumbai.
7. H.L.Bhatia(2006), InternationalEconomics,VikasPublishingHousePvtLTD,NewDelhi
8. Singh, M. (1964), India Export Trends and the Prospects for Self-sustained Growth, OxfordUniversityPress,Oxford.
9. Sodersten,Bo(1991), InternationalEconomics,MacMillanPressLtd. London.
10. Dominick Salvatore, International Economics: Trade and Finance, John Wiley International Student Edition, 10th edition, 2011

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E RESOURCES:
1. https://www.businessstudynotes.com/marketing/international-marketing/types-of-international-trade-theories/
2. https://www.economicsdiscussion.net/international-trade/policy/foreign-trade-policy-free-trade-versus-protection/10779
3. https://byjus.com/commerce/balance-of-payment/
4. https://www.investopedia.com/ask/answers/08/what-is-foreign-exchange.asp
5. https://www.economicsdiscussion.net/articles/international-monetary-system/4256

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: III -CC- X : RESEARCH METHODOLOGY

Ins. Hrs. /Week : 6	**Course Credit: 5**	**Course Code : 23PEC310**

UNIT –I : Research Methods in Economics   (19 Hours)

Nature of Social Science Research – Research Methods in Social Science –Formulating the problem- Types and Sources of Hypothesis –Characteristics of a Good hypothesis- Components and types of research design – Collection of data – sources and methods.- Presentation of results –Format of a Report.

UNIT - II : Sampling and Data collection   (19 Hours)

Sampling; Need, types, Probability sampling, random, systematic, stratified, multistage or cluster sampling, Non Probability sampling; Purposive Judgment, quota and snowball sampling-Data collection; Primary and Secondary data; NSS and censes data Methods of data collection-Tools of data collection; schedule and questionnaire.

Unit – III: Data Processing and Presentation   (19 Hours)

Processing and analysis of data: Editing, coding and tabulation; use of computers in social science research- Diagrammatic and graphic representation of data- Interpretation of results and Report writing –Preparation of Project Proposals – SPSS – Mort Pack.

UNIT – IV: Statistical Inferences   (20 Hours)

Census Versus sampling -Random and Non-Random sampling Techniques-Estimation – Point and interval estimation – Statistics and Parameter –Standard Error – Confidence interval- Null and Alternative hypothesis – Type I Error and Type II Error, Level of Significance – Critical region – Steps in Testing of Hypothesis.

UNIT – V: Research Ethics   (13 Hours)

Philosophy – definition, nature, scope and concept. Ethics – definition, moral philosophy, nature of moral judgments and reactions. Ethics with respect to science and research – Scientific misconducts – falsification, fabrication and plagiarism – Use of plagiarism software – Turnitin, Urkund and other open source software tools. Redundant publications – duplicate and overlapping publications.Publication ethics – definition and importance.Publication misconduct – definition, concept, problems that lead to unethical behavior, types, Violation of publication ethics, authorship and contributor ship.Software tool to identify predatory publications developed by SPPU.Subject specific ethical issues – authorship, Conflicts of interest.

Total Lecture Hours -90

COURSE OUTCOMES:

Students will be able to

1. Demonstrate the ability to choose methods in social science research.
2. Develop advanced critical thinking skills.
3. Identify qualitative and quantitative data analysis and presentation.
4. Apply appropriate sampling Techniques.
5. Discuss the ethical issues related to Research and Publication.

TEXT BOOKS:

1. C.R. Kothari (2002), Research Methodology Vikas publishing House,New Delhi.
2. Goode W. J and Hatt(1952), Methods in Social Research, McgrawHillBook Co, Tokyo.
3. Kenneth. D, and Bailey (1962), Methods of Social Research,Longman's Green Co, New York.
4. Enhance. D.N(1973), Fundamentals of Statistics), KitabMahal,Allahabad.
5. Gupta. C.B (1998), An Introduction to Statistical Methods, Vikaspublishing House, New Delhi.

REFERENCE BOOKS:

1. C.T. Kurien (1973.) A Guide to Research in Economics, Sangam Publishers , Madras
2. Ghose, B.N.(1992) Scientific Method and Social Research, Sterling Publishers, New Delhi.
3. Goode, W.J. &Hatt,P.K,(2017)Methods in Social Research, New York, McGraw Hill.
4. Kate Turabina, (1996) Manual of style for writing dissertations, thesis and reports, University of Chicago Press, Chicago
5. Myrdal,G. (1978) Objectivity in Social Research , Random House Trade Paperbacks,London.

E RESOURCES:

1. https://www.gyanvihar.org/journals/index.php/2020/06/25/research-ethics-for-the-studies-in-economics-2/
2. https://www.researchgate.net/publication/301286553_Research_Methods_for_Economics
3. https://www.economicsdiscussion.net/statistics/merits-and-demerits-of-sampling-method-of-data-collection/2343
4. https://www150.statcan.gc.ca/n1/pub/12-539-x/2009001/analysis-analyse-eng.htm
5. http://econ.msu.edu/faculty/biddle/docs/Paper%20HES%202016.pdf

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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: III -CC- XI : INDIAN ECONOMIC DEVELOPMENT AND POLICY

Ins. Hrs. /Week : 5   Course Credit: 5   Course Code :23PEC311

UNIT - I :Strategies of Development and Growth   (15 Hours)

Meaning and Definition of Growth; Balanced Growth Strategy, Implications, Merits and Benefits of Balanced Growth; Criticism of Balanced Growth Doctrine; Unbalanced Growth Strategy; Merits and Demerits of Unbalanced Growth, advantages and Disadvantages of Unbalanced Strategy.

UNIT - II : Agricultural and Industrial Sector   (16 Hours)

Agricultural and Industrial Sectors Performance of agricultural sector, factors determining agricultural growth - Factors underlying food inflation- Agricultural price policy and food security- Industrial Growth - Industrial growth before and after reforms - Dualism in Indian manufacturing- Issues in performance of public sector enterprises and privatization.

UNIT - III :Fiscal Developments, Finance and External Sectors   (14 Hours)

Expenditure trends- GST: rationale and impact- Evolution of the financial sector in post-liberalization period- External sector performance: emergence of India as major exporter in services, performance of manufacturing sector.

UNIT - IV :Poverty and Inequality   (15 Hours)

Measuring poverty in India: Selection of poverty lines- Poverty in pre and post liberalization periods- Impact of growth on poverty- PDS vs cash transfers, feasibility of universal basic income in India - Inequality in India in pre and post liberalization periods.

UNIT - V :Social Issues   (15 Hours)

Gender gap in India and trends in female labour force participation rates, factors determining female labour force participation- Employment: changing nature of employment in India, "jobless growth"- Labour in informal sector- India's demographic transition.

Total Lecture Hours - 75

COURSE OUTCOMES:
Students will be able to
1. Analyse historical and general perspective and basic issues in growth and development.
2. Compare the Perspectives of Key Issues in Poverty, Inequality, Education, Health and Gender.
3. Evaluate the Policies and Performance of Agriculture and Industry.
4. Identify New Economic Reforms related to the primary and secondary Sectors.
5. Determine the female labour force participation in employment

TEXT BOOKS:

1. A.N.Agarwal (2016), Indian Economy Problems of Development and planning, WishwaPrakashan(A division of wiley Eastern Ltd), MadrasDatt, Rudder and K.P.M.Sundharam (2004), Indian Economy, S.Chand& Co.,NewDelhi.
2. Dhingra.C(2014),The IndianEconomy,Sultan&Chand,NewDelhi.
3. K.K.Dewett, J.D. Varma, M.L. Sharma, Indian Economics (1949), S.Chand&CompanyLTD,New Delhi.
4. Sankaran .S (2014), Indian Economy Problems, Policies & Development, MarghamPublications,Chennai.
5. A.N.Agarwal (2016), Indian Economy Problems of Development and planning, WishwaPrakashan(A division of wiley Eastern Ltd), MadrasDatt, Rudder and K.P.M.Sundharam (2004), Indian Economy, S.Chand& Co.,NewDelhi.
6. Dhingra.C(2014),The IndianEconomy,Sultan&Chand,NewDelhi.
7. K.K.Dewett, J.D. Varma, M.L. Sharma, Indian Economics (1949), S.Chand&CompanyLTD,New Delhi

REFERENCE BOOKS:

1. KausikBasu(Ed.)(2012),OxfordCompaniontoIndianEconomy,3rdEdition, OUP, New Deli.
2. UmaKapila (Ed.)(2018),Indian Economy Since Independence, Academic Foundation, NewDelhi, 29thEdition.
3. AshimaGoyal(Ed.)TheOxfordHandbookoftheIndianEconomyinthe21stCentury:UnderstandingtheInherentDynamism,OxfordUniversityPress.
4. GovernmentofIndia,EconomicSurvey(Annualissues).MinistryofFinance,NewDelhi
5. AlakGhosh (1958), Indian Economy its Nature and Problems, The New Book Stall,Calcutta.
6. Handbook of statistics (2019), Department of Economics and Statistics, Government ofIndia
7. K.K.Dewell, J.D.Varma, M.L.Sharma (1949), Indian Economics, Shyamlal Charitable Trust Ram Nagar. New delhi.
8. Sampatmukherjee, Debes Mukherjee (2019), Indian Economy, New Central Book Agency (p) Ltd, Chintamani das Lane, Calcutta.
9. SK.Misra, VKPuri, Indian Economy its Development experience (2019), Himalaya Publishing House, Delhi
10. Sankaran .S (2014), Indian Economy Problems, Policies &Dvelopment, Margham Publications, Chennai

E RESOURCES:

1. https://www.toppr.com/guides/fundamentals-of-economics-and-management/indian-economy-cma/natural-resources-and-economic-development/
2. https://www.economicsdiscussion.net/essays/poverty-inequality-and-economic-growth-economics/26755
3. https://www.clearias.com/foreign-trade-of-india/
4. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11
5. https://www.economicsdiscussion.net/india/planning/planning-in-india-an-overview/11087

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: III -CC- XII : AGRICULTURAL ECONOMICS

Ins. Hrs. /Week : 5   Course Credit: 4   Course Code : 23PEC312

UNIT –I : Introduction   (16 Hours)

Scope and Significance of Agriculture- Agriculture and Industry- Agricultural Development under Five Year Plans- Productivity in Agriculture – Causes for Low Productivity- Measures to improve Productivity Comparison-Role of Agriculture in India's Development-Inter-Sectoral Linkage-An Overview.

UNIT - II : Agricultural Production and Productivity   (14 Hours)

Production Function Analysis - Relevance to Farm Production Economics-Productivity Trends; Low production and Productivity: Causes, Consequences and Measures – FarmSize – Efficiency relations in Indian agriculture- A.K. Sen's Hypothesis- Role of Technology in Agriculture – Structural Changes in Agriculture.

UNIT - III : Agricultural Labour   (16 Hours)

Agricultural Labour- meaning- categories – Causes for poor conditions of agricultural labour – Types – Supply of Labour – Problems –Rural Unemployment: Types, consequences and remedial measures – Minimum wages for agricultural workers – An evaluation –Poverty Eradication programmes – Recent Wage and Self – Employment Programmes.

Unit – IV: Agricultural Finance and Capital   (15 Hours)

Agricultural Finance: Meaning, Nature, Types, Sources and Problems of Agricultural Finance - Co-operatives in Rural Finance - Role of Commercial Banks and NABARD in Rural Finance- Farm Capital - Meaning, Types, and Marginal Efficiency of Farm Capital and Capital formation in agriculture.

UNIT - V : Agricultural Policy   (14 Hours)

Agricultural Price policy- Objectives and impact-Economic Reforms and Agricultural policy– WTO and Agriculture – Agricultural Taxation and its relevance – Recent Trends in Agricultural Economy.

Total Lecture Hours -75

COURSE OUTCOMES:
Students will be able to
1. Determine the causes of regional variations in productivity and production.
2. Understand the issues related to the agricultural sector, natural resource policies, and rural communities.

3. Analyze the instruments of agriculture price policy, buffer stock, appraisal of agriculture pricing policy.
4. Understand the history of financing agriculture in India andIdentify the sources of agricultural micro-macro financing and credit systems.
5. Assess the performance of farm using financial ratios

TEXT BOOKS:
1. Bilgrami,(1996)"AgriculturalEconomics",Himalayaspublishinghouse,NewDelhi.
2. Datt&Sundharam,(2016) IndianEconomics,S.chand&companyLtd.,NewDelhi
3. Joshi, P.C. (1975), "Land Reforms in India" Trends and prospects, Allied Publishers,Bombay.
4. Memoria, C.B., &BadriBishalTripathi (2003), Agricultural Problems of India, KitabMahalAgencies,Patna.
5. Sankaran,S.(2010),IndianEconomy,MarghamPublications,Chennai.

REFERENCE BOOKS:
1. Ashok Rudra (1982), Indian Agricultural Economics: Myths and Realities(Alliedpublishers,NewDelhi).
2. DantwalaM.L(ed)(1991),IndianAgriculturalDevelopmentsinceIndependence(Oxford and IBH Publishing company private limited, NewDelhi).
3. VasantDesaiB.P(1996), AgriculturalEconomics,Rural development(JaiPrakashNorth,Meerut).
4. HanumanthaRao C.H. (1975), Technological changes and distribution ofgrainsinIndiaagriculture(Macmillan,NewDelhi).
5. RuddarDattand K.P.M. Sundharam (2001), Indian Economy [S.ChandandLtd.,RamNagar,NewDelhi].
6. Bhalla G.S. (2007), "Indian Agriculture since Independence", National Book Trust, NewDelhi.
7. Deepashree, (2011), IndianEconomy,AneBooksPvtLtd,New Delhi.
8. HanumanthaRao C.H. (1965), "Agricultural Production Function, Costs and Returns inIndia",TataMcGrawHill,Bombay
9. MellorJ.W.(1969), "TheEconomicsofAgricultureDevelopment",VoraandCoBombay.
10. Sethuraman,K.(2000),AgriculturalMarketing,MarghamPublications,Chennai

E RESOURCES:
1. https://www.yourarticlelibrary.com/agriculture/agriculture-development-of-agriculture-in-india/23518
2. https://www.theodysseyonline.com/significance-of-institutional-and-structural-changes-for-developing-countries
3. http://gomalagriculturejournal.yolasite.com/resources/Agricultural%20Finance.pdf
4. https://www.businessmanagementideas.com/agricultural-business/agricultural-marketing-definition-characteristics-types-functions-and-measures/19934

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: III -EC- III (A) : MANAGERIAL ECONOMICS

Ins. Hrs. /Week : 5　　　　　Course Credit: 3　　　　　Course Code : 23PECE3A

UNIT - I : Managerial Objectives of the Firm　　　　　(15 Hours)

Economics and management- Managerial models of the firm, (a) Sales – revenue – Maximizing model(Baumol), (b) Managerial utility maximizing model (Williamson), (c) Marris model- Behavioral model to the firm , (a) " Satisfying" (b)X-Inefficiency.

UNIT - II :Competitive Advantage　　　　　(15 Hours)

"Structure conduct – Performance" theory- "Generic strategies" forcompetitive advantage (Michal porter)- The " five forces " model of competition- Sustaining competitive advantage, (a) Economics of scale as barriertoentry-mergers, (b)differentiation as barrier to entry.

UNIT - III : Pricing Strategies　　　　　(15 Hours)

Price discrimination : First degree, Second degree and third degree price discrimination- Approached to Pricing: (a) Cost-plus pricing (b) target return pricing (c) product life cycle pricing: skimming strategy-penetration strategy(d) transfer pricing.

Unit - IV :Non Price Competition　　　　　(15 Hours)

Non-Price Competition : Components of the "marketing mix"- Promotion in marketing mix: (a) Dorfman-Steiner condition for advertising expenditure (b) Determinants of advertising elasticity of demand- Product policy and place in the marketing mix: (a) Product mix decisions (b) Place: selecting a "marketing channel".

UNIT – V: Investment Appraisal　　　　　(15 Hours)

The investment selection process- Estimating cash flows- Evaluating Investment: (a) payback method (b) net present value method- The cost of capital (a) dividend valuation model (b) Capital –asset pricing model.

Total Lecture Hours - 75

COURSE OUTCOMES:
Students will be able to
1. Develop the applications of managerial model of the firm
2. Compete with other firms by using generic strategies
3. Practice price discrimination and choose best pricing strategy.
4. Apply sales promotion strategies by non-price competition
5. Estimate cash flows and take proper investment decisions

TEXT BOOKS:

1. Howard Davies (1998), Managerial Economics, Pitman,London.
2. William Boyes (2005), The New Managerial Economics(Indian Adaptation Edition),New DelhiBiztantra.
3. Ahuja H.L.(2008), Managerial Economics (S.Chand& Co, NewDelhi).
4. Mathur (2008), Managerial Economics (Power Book Mark), NewDelhi
5. Baye, M. R. (2010). *Microeconomics and business strategy*. New York, NY: McGraw-Hill Irwin.

REFERENCE BOOKS:

1. Akerlof, G. A. (1970). The market for "lemons": Quality, uncertainty, and the market mechanism. *Quarterly Journal of Economics 84*(3), 488–500.
2. Arrow, K. J. (1962). The economic implications of learning by doing. *Review of Economic Studies 29*(3), 155–173.
3. Baumol, W. J., Panzar, J. C., &Willig, R. J. (1982). *Contestable markets and the theory of industry structure*. San Diego, CA: Harcourt Brace Jovanovich.
4. Boston Consulting Group. (1970). *The product portfolio*. Retrieved December 13, 2010, from http://www.bcg.com/documents/file13255.pdf.
5. Brandenburger, A. M., &NaREFERENCEBOOKS:lebuff, B. J. (1996). *Co-opetition*. New York, NY: Currency Doubleday.

E RESOURCES:

1. https://onlinelibrary.wiley.com/journal/10991468
2. https://www.edx.org/learn/managerial-economics
3. https://en.wikipedia.org/wiki/Managerial_economics
4. https://www.researchgate.net/publication/327882739_Managerial_Economics_Concepts_and_Tools
5. https://www.academia.edu/34707649/Managerial_Economics_Textbook
6. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11

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M.A. ECONOMICS

Semester: III -EC- III (B) : LABOUR ECONOMICS

Ins. Hrs. /Week : 5　　　　　　**Course Credit: 3**　　　　　**Course Code : 23PECE3B**

UNIT –I :Introduction　　　　　　　　　　　　　　　(15 Hours)

Concept of Labour and Labour Economics-Labour Problems- LabourMarket – Demand and Supply of Labour – Characteristics of labourmarket in India- Recruitment Procedure and Employment Exchange.

UNIT –II :Organization of Industrial Labour　　　　　(15 Hours)

Role and functions of Trade Union- Theories of Trade Unionism (i)Webbs (ii) KarlMarx (iii) Gandhi- Trade Union Movement in India-Recent Trends-Justifications of Strikes and Lockouts - ILO Purposes-Constitution-Functions-ILO and India.

UNIT - III : Industrial Disputes　　　　　　　　　　(15 Hours)

Industrial Disputes: Causes and Consequences- Industrial Disputesin India – Industrial Disputes Act 1947 – Methods of resolving industrial disputes: negotiations – conciliation – mediation - arbitration.

Unit - IV :Industrial Relation　　　　　　　　　　　(15 Hours)

Need for Industrial Relation Machinery-Preventive and Curativemethods-Collective Bargaining, Arbitration and Adjudications-Industrial Democracy, concept of Workers participation inmanagement- Role of State in Industrial Relations.

UNIT - V :Labour Welfare　　　　　　　　　　　　(15 Hours)

Labour Welfare definition, evolution, scope, concept, significance, classification, Principles andprogrammes-Qualifications and Functions of Labour Welfare Officer- Concept of Labour in India; Factory Act,LabourWelfareLegislation in India – Theories of Labour Welfare: Policing theory – Religious theory – Philanthropic theory – Trusteeship Theory.

Total Lecture Hours -75

COURSE OUTCOMES:
Students will be able to
1. Identify the role of recruitment procedure and employment exchange.
2. Explain the role and functions of industrial labour organizations.
3. Classify the methods of resolving industrial disputes.
4. Develop skills for preventive and curative methods in industrial relation.
5. Discuss labour welfare legislation in India.

TEXT BOOKS:

1. Pant C.(1978),Indian Labour Problems,(Allahabad,ChaitanyaPublishing House).
2. Singh S.S., and Metha S.(1989),Labour Economics,(AjantaPrakasham New Delhi).
3. Singh V.N.(1980), Industrial Labour in India (Asia PublishingHouse,Bombay).
4. Tyagi P.B.(1995),Labour Economics and SocialWelfare,(JaiprakashNath&Co.Meerut)
5. Baholiwal T.N.(1981), Economics of Labour and IndustrialRelations,(SahityBhawan, Agra).
6. Giri V.V.(1985),Labour Problems in Indian Industry (AsiaPublishingHouse,Bombay).

REFERENCE BOOKS:

1. Loster R.K.(1989), Economics of Labour and Industrial Relations(Macmillan &Co,New York).
2. Mehrotra S.M.(1976),Labour Problems in India (NewDelhi,S.Chand&Co,Ltd).
3. Saxena R.C. (1979), Labour Problems and SocialWelfare,(K.Nath&Co,Meerut)
4. A.C.Mittal, Sanjay Prakash Sharma (2002), Labour Economics, RBSA Publishers, Jaipur.
5. B. P. Thyagi (2014), Economics of Labour and Social Welfare, Sage Publication, NewDelhi.
6. Dr.N.K.Indrayan (2000), Labour Economics, University book house Pvt Ltd, Jaipur.

E RESOURCES:

1. https://www.economicsdiscussion.net/labour/labour-meaning-kinds-and-importance-economics/13749
2. https://economics.mit.edu/files/4689
3. https://www.economicsdiscussion.net/industrial-disputes-2/industrial-dispute/32493
4. https://www.economicsdiscussion.net/industries/concept-of-industrial-relations/31774
5. https://www.mgkvp.ac.in/Uploads/Lectures/28/1694.pdf

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)
SUNDARAKKOTTAI, MANNARGUDI - 614016.
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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: III -EDC- II (A) : ECONOMICS OF CLIMATE CHANGE

Ins. Hrs. /Week : 3   Course Credit: 2   Course Code : 23PECED2A

UNIT - I : Introduction   (10 Hours)

The roots of climate change: greenhouse gasemissions and rising global temperature- Climate change and economic development: a) climate change –economy transmission mechanisms; b) impact of climate change on human well-being: known and uncertain impacts c) The "tipping points" of dangerous climate change- Impact of climate change on developed and poor economies.

UNIT - II : Economic Policies for Climate change Mitigation   (10 Hours)

The need for climate change mitigation- Economic explanation of climate change: the concept of "market failure" and how it causesclimate change- Using prices and markets forclimate change mitigation: taxes, carbon emissions trading ('cap-and-trade') and regulations promoting green technology- Ethics of climate change : limits of cost-benefit analysis.

UNIT - III :Adapting to Climate Change   (8 Hours)

The case for Adaptation to climate change- Adaptive management of risk a: managing physical, financial and social risks-International action and adaptation in developingnations.

Unit - IV :Natural Resources Management and Climate Change   (7 Hours)

The fundamentals for natural resource management - Economics of water use in context of climate change- Climate change and efficient management of agriculture and fisheries-Sustainable energy.

UNIT - V :Local and Global Action   (10 Hours)

Economic incentives for "climate smart" Individual action- The role of firms in climate change adaptation and mitigation- National and International policies for "climate smart" innovation and technology diffusion.

Total Lecture Hours -45

COURSE OUTCOMES:
Students will be able to
1. Understand the physical basis of the natural greenhouse effect, including the meaning of the term radiative forcing
2. Analyze the role of human activities in increasing emissions of the natural greenhouse gases, and contributing to sulphate aerosols in the troposphere
3. Evaluate economic policies for climate change mitigation.

4. Analyse adaptations to climate change and Relate natural resource management and climate change.
5. Appraise the role of local and global action plan for climate changeadaptation and mitigation.

TEXT BOOKS:

1. Climate Change and the UN Security Council / Shirley V. Scott (Editor); Charlotte Ku (Editor) 2018
2. Climate Change, Extreme Events and Disaster Risk Reduction / Suraj Mal (Editor) et al...Date: 2017
3. Paris Climate Agreement: A Beacon of Hope / Salawitch et al. 2017
4. Climate Change: The Science of Global Warming and Our Energy Future second edition by Jason Smerdon(Author)
5. Introduction to Modern Climate Change -ISBN: 9780521173155 Edition: 1 Oct 2011 Out of Print #192251 -ISBN: 9781107001893 Edition: 1 -Cambridge University Press

REFERENCE BOOKS:

1. Nicholas Stern (2010), A Blueprint For A Safer PlanetLondon:Vintage Books.
2. United Nations development Programme (2007),Human Development Report 2007/2008: Fighting Climate Change
3. The World Bank (2010),World Development Report 2010: Development and Climate Change Full text online :http://econ.worldbank.org.
4. Introduction to Climate Science - 1st Edition- Introduction to Climate Science - 1st Edition- Andreas Schmittner, Oregan State-University,Last Update: 2018 ,Publisher: Oregon State University
5. Climate Change -What It Means for Us, Our Children, and Our Grandchildren -Edited by Joseph F.C. DiMento and Pamela Doughman

E RESOURCES:

1. https://catalog.nau.edu/learningoutcomes/details?plan=CLSCSMS
2. https://aspnet.unesco.org/en-us/Documents/Resources%20list_Climate%20Change.pdf
3. http://hdr.undp.org/en/reports/global/hdr2007-2008/
4. https://climate.nasa.gov/
5. https://scienceexchange.caltech.edu/topics/sustainability/effects-climate-change

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DEPARTMENT OF ECONOMICS
M.A. ECONOMICS

Semester: III -EDC- II (B) : ECONOMICS OF SOCIAL ISSUES

Ins. Hrs. /Week : 3   Course Credit: 2   Course Code : 23PECED2B

UNIT - I :Economics of Environment and Health Care   (10 Hours)

Environment as an economic good- Costs andbenefits of environmental conservation-Economicperspective on pollution control : the concept of optimum pollution- Demand for health and health care: "physician induced demand"- Economic approach to measuring the value of health (Note: basic ideas only. Details of individual methods notrequired).

UNIT - II :Economics of Crime and Drug Addiction   (8 Hours)

Economic approach to crime: concept of "rational crime"- Economic perspective on crime control- Drug addiction as a rational choice- The economic case for and against legalizing drugs.

UNIT - III : Family Economics   (7 Hours)

Resource allocation in the household-Children as economic goods and family size- Economic perspective on marriage anddivorce.

Unit - IV :Poverty and Income Distribution   (10 Hours)

Definition and measurement of poverty (Note: basic ideas only.) - Economic perspectives on poverty eradication-The market system and income distribution- Benefits and costs ofinequality.

UNIT – V: Economics and Culture   (10 Hours)

The economic importance of culture- The economicapproach to valuing culture- The market, state and culture: theimpact of the market on cultural life; 'cost disease' and itspolicy implications.

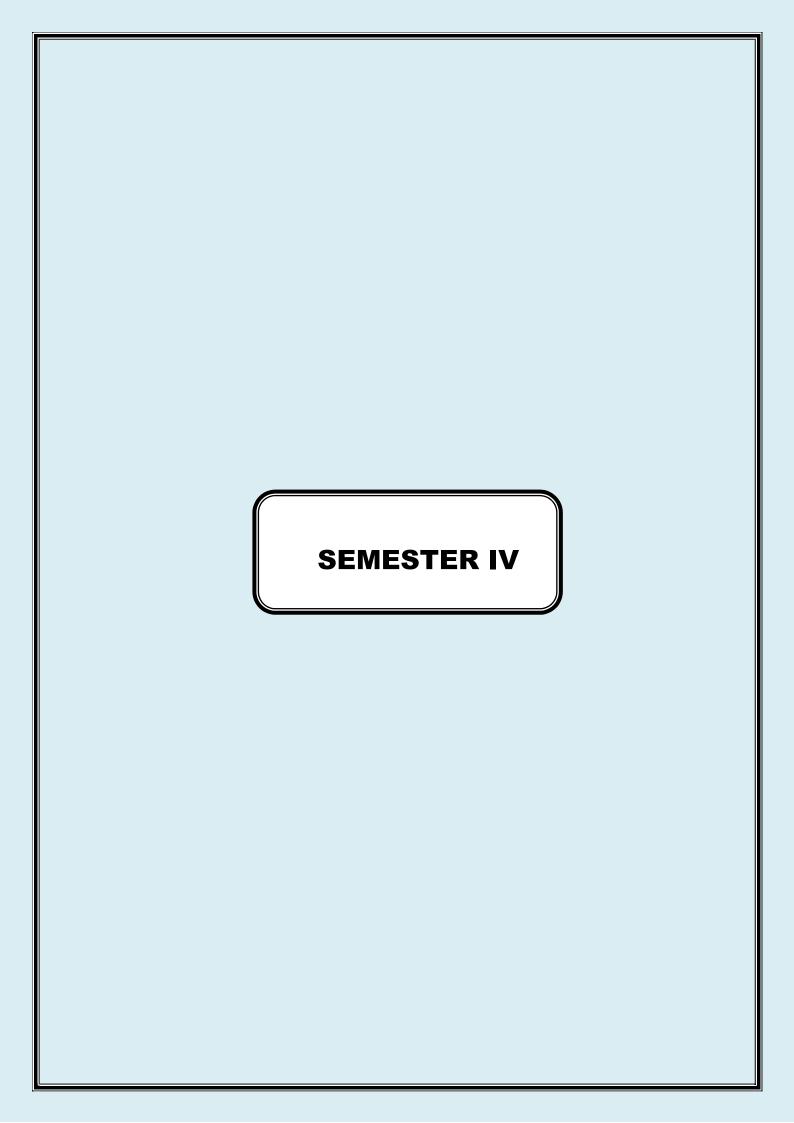**Total Lecture Hours -45**

COURSE OUTCOMES:
Students will be able to
1. Identify the value of environment and human health in economic performance.
2. Apply economic approaches in crime control
3. Determine allocation of resources in the family from economic perspective.
4. Analyze the cost and benefits of inequality in income
5. Apply poverty eradication measures
6. Evaluate the impact of market and realize the values of the culture

TEXT BOOKS:

1. Economics of Social Issues (The Mcgraw-hill Economics Series) Paperback – Import, 16 October 2012 by Ansel Sharp(Author), Charles Register(Author), Paul Grimes(Author)
2. Economics of Social Issues-21st Edition -By Charles Register and Paul Grimes ISBN10: 07802191X ,ISBN13: 9780078021916 ,Copyright: 2016
3. Economics of Social Issues (IRWIN ECONOMICS) Paperback – Import, 16 October 2015 by Charles A. Register(Author), Paul W. Grimes(Author)
4. THE ECONOMICS OFSOCIAL PROBLEMS-Julian Le Grand-andRay Robinson-Lecturers in the School ~f Social Sciences -The University of Sussex -First published 1976 byTHE MACMILLAN PRESS LTDLondon and Basingstoke-Associated companies in New York Dublin

REFERENCE BOOKS:

1. Tim Harford (2008), The Logic of Life: The Rational Economics of an Irrational World, Random House, NewYork.
2. Robert J Stonebraker (2015), The Joy of Economics (online book, available free athttp://faculty.winthrop.edu/stonebrakerr/ book.html).
3. Economics of Social Issues (The Mcgraw-Hill Series Economics) Paperback – Import, 16 November 2009 -by Ansel Sharp(Author), Charles Register(Author), Paul Grimes(Author

E RESOURCES:

1. https://www.careerlauncher.com/rbi-grade-b/introduction-to-economic-social-issues/
2. https://link.springer.com/content/pdf/bfm%3A978-1-349-15632-0%2F1.pdf
3. Economics of Social Issues--January 2016-Edition: 21st-Publisher: McGraw-Hill Higher Education-ISBN: 978-0-07-352324-8Paul W Grimes,,Charles A. Register,Ansel M. Sharp

SEMESTER IV

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: IV -CC- XIII : PUBLIC FINANCE

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 23PEC413

UNIT - I :Theory of Public Goods and Public Choice (15 Hours)

The economic role of government – Allocation, Growth and Stabilisation –Private goods, public goods and merit goods, Market failure-imperfections,decreasing costs, Externalities, public goods; Uncertainty and non-existence offutures markets; Informational asymmetry – Theory of second best – Private andpublic mechanism for allocating resources; Problems of allocating resources;Problems of preference revelation and aggregation of preferences; Votingsystems; Arrow impossibility theorem; An economic theory of democracy.

UNIT - II : PublicExpenditure (15 Hours)

Wagner's law of increasing state activities,; Wiesman - Peacock hypothesis, Puretheory of public expenditure; Structure and growth of public expenditures;Criteria for public investment; Social cost-benefit analysis - Project evaluation,estimation of costs, discount rate; Reforms in expenditure budgeting; Programmebudgeting and zero base budgeting.

UNIT - III :TaxationandPublicDebt (20 Hours)

Theory of incidence; Alternative concepts on incidence – Allocate and equityaspects of individual taxes; Benefit and ability to pay approaches; theory ofoptional taxations; Excess burden of taxes Tradeoff between equity and efficiency– Laffer curve – Theory of measurement of dead weight losses; the problem ofdouble taxation – The rationale behind VAT – Indian tax structure and trends.Public debt – Classical view of public debt; Compensatory aspect of debt policy;public debt; Sources of public debt; Debt through created money; control ofpublic debt - burden of public debt. Public borrowings and price level; Crowdingout of private investment and activity; principles of debt management andrepayment.

Unit - IV :Fiscal Policy (20 Hours)

Objectives of fiscal policy - Budgetary procedure - Budgetary deficit and itsimplication; fiscal policy for stabilization-automatic vs. discretionarystabilization; Alternative measures of resource mobilization and their impact ongrowth, distribution and prices; Balanced budget multiplier-Meaning andsignificance of budgetary terms; revenue account, capital account, fiscal deficitand other types of deficit – recent Budget.

UNIT - V :Fiscal Federalism (20 Hours)

Principles of multi-unit finance; Fiscal federalism in India; Vertical andhorizontal imbalance; Assignment of function and sources of revenue;Constitutional provisions; finance Commission and Planning Commission;Devolution of resources and grants; Theory of grants; resource

transfer fromUnion to States – Criteria for transfer of resources; Centre-State financialrelations in India; Problems of state's resources and indebtedness; Transfer ofresources from union and State to local bodies. Recommendations of ThirteenthFinance Commission.

Total Lecture Hours - 90

COURSE OUTCOMES:
Students will be able to
1. Analyze the difference between private goods and public goods
2. Describe the Market failure
3. Explain the concepts of Public expenditure.
4. Assess the concepts of taxation and publicdebt and describe the budgetary procedure.
5. Evaluate fiscal federalism in the context of Centre-State financial relations in India

TEXT BOOKS:
1. Goode,R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi
2. Sankaran.S(2020), Fiscal Economics-Margham Publications Chennai.
3. Srivastava, D.K. (Ed.) (2000), Fiscal Federalismin India, HarAnand Publishers, New Delhi
4. Sundharam K.P.M (1984), Fiscal Economics -Sultan and sons Publishers, New Delhi.
5. Tyagi, B.P and H.P. singh(2015), Public Finance - Jai PrakashNath and Co -Meerut

REFERENCE BOOKS:
1. Musgrave,R.A.andP.B.Musgrave(1976),PublicFinanceinTheoryandPractice,McGrawHill,Kogakusha,Tokyo.
2. Rosen,Harvey(2013),PublicFinance,McGrawHill,NewYork.
3. AmerashBagchi(2005),ReadingsinPublicFinance,OxfordUniversityPress,NewDelhi.
4. Rao,M.GovidaandNirvikarSingh,(2005),ThePoliticalEconomyofFederalisminIndia, OxfordUniversityPress,NewDelhi.
5. Government of India, EconomicSurvey(Annual issues). MinistryofFinance,NewDelhi

E RESOURCES:
1. https://www.khanacademy.org/economics-finance-domain/microeconomics/market-failure-and-the-role-of-government/externalities-topic/a/public-goods-cnx
2. https://en.wikipedia.org/wiki/Public_expenditure#World_War_II_and_post-war_period C
3. https://www.britannica.com/topic/taxation
4. https://www.economicsonline.co.uk/Managing_the_economy/Fiscal_policy.html
5. https://www.oecd-ilibrary.org/sites/940cc5ee-en/index.html?itemId=/content/component/940cc5ee-en
6. https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

SEMESTER: IV -CC- XIV : HEALTH ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 23PEC414

UNIT –I : Introduction to Health Economics   (17 Hours)

Health and Economic Development – Determinants of Health- Economic Dimensions of Healthcare –Healthcare Models- Beveridge Model, Bismarck Model and Out-of-pocket Model – Demand for Healthcare – Health Care Accessibility– Grossman Model– Supply of Healthcare – Health Care Delivery System- World Health Organization- Importance – Alma Ata Declaration.

UNIT - II : Health Indicators and Evaluation   (19 Hours)

Health Indicators –Infant Mortality Rate– Maternal Mortality Rate–Child Mortality Rate) – Morbidity Rate –Global Burden of Disease-Communicable and Non Communicable Diseases-Lifestyle Disease-Disability Adjusted Life Years (DALY) – Quality Adjusted Life Years (QALY) – Economic evaluation of health care: Cost Benefit Analysis – Cost Effective Analysis.

UNIT - III : Health Care Management   (17 Hours)

Health care Financing - Health Management – Prevention – Curative– Palliative – Public Healthcare System- Private Healthcare System- Privatization and Health Care- Health Education- Health Infrastructure- Pre and Post COVID Health Sector Reforms.

Unit - IV :Health Insurance   (18 Hours)

Health Insurance: Definition and Types – Health Insurance and Market Failure- Information Asymmetries- Government Health Insurance – Need – Types – Schemes -Private Health Insurance.

UNIT –V : Health Scenario in India   (19 Hours)

Health in India- Ministry of AYUSH – National Health Mission (NHM) – Rural Healthcare system –National Rural Health Mission (NRHM) – Accredited Social Health Activist (ASHA) Workers –Urban Healthcare system – NUHM (National Urban Health Mission) – National Family Health Survey – Alternative sources of Medicine in India – Medical Tourism – Ministry of AYUSH – Role of World Health Organization (WHO) in India.

Total Lecture Hours -90

COURSE OUTCOMES:

Students will be able to
1. Understand the importance of Health in Economic Development.
2. Gain Knowledge on the various Health Indicators.

3. Evaluate the importance of Public and Private Health care systems
4. Compare the various Health Insurance Schemes.
5. Analyse the Rural and Urban Health Scenario.

TEXT BOOKS:

1. N.K. Anand & Shikha Goel (2006) Health Economics AITBS Publishers India.
2. Charles E Phelps (2017) Health Economics Sixth Edition Routledge.
3. Timothy Hyde, Peter Tu, Jayanta Bhattacharya (2013), Health Economics, Bloomsbury Publication, Ireland.
4. Lorna Guinness, Virginia Wiseman (2011), Introduction to Health Economics, McGraw Hill House, New York.
5. Frank A. Sloan and Chee-Ruey Hsieh (2017), Health Economics, The Mid Press, London.

REFERENCE BOOKS:

1. Brijesh C. Purohit(2020) Economics Of Public And Private Healthcare And Health Insurance In India Sage Publications Private Limited
2. Jery D, JosephinDr.Jeyasingh, Dr.D. Solomon Raj (2016) Health Economics, Greative Crows
3. KesavanSreekantan Nair (2022) Health Economics and Financing New Century Publications.
4. Peter Zweifel, Friedrich Breyer, Mathias Kifman (1997), Health Economics, Oxford University Press, England.
5. Kesavan Sreekantan Nair (2019), Health Economics and Financing, New Century Publications, New Delhi.

E RESOURCES:

1. https://pmj.bmj.com/content/79/929/147
2. https://www.emro.who.int/child-health/research-and-evaluation/indicators/All-Pages.html
3. https://www.pearson.com/pathways/areas-work-study/health-care-management.html.
4. https://www.valuepenguin.com/best-health-insurance-companies
5. https://healthmanagement.org/c/icu/issuearticle/healthcare-scenario-in-india

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

Semester: IV - INDUSTRY BASED COURSE: INDUSTRIAL ECONOMICS

Ins. Hrs. /Week : 6   Course Credit: 5   Course Code : 23PECI41

UNIT –I : Basic Concepts, Theory of Firm and Pricing   (17 Hours)

Concepts: Firm, Industrial Combination – Causes-conglomerate, cartel, pattern of industrialization– Economies of scale – Market structure-Objectives of the firm – Growth of firms – Marginal cost pricing vs. full cost pricing – Depreciation –Administered prices.

UNIT - II : Industrial Organization   (19 Hours)

Industrial Organization -Structure and change- Relevance of industry studies for public policy-Monopoly and concentration: Concepts –Measures of monopoly – Control of monopoly-Industrial monopoly legislation- The Indian MRTP Act, 1969.

UNIT - III : Theories of Industrial Location and Regional Development   (17 Hours)

Industrial location: Factors affecting industrial location - Measures of localization – Weber and Sargent Florence - Regional growth of industry in India- Need for balance regional development of Industries- Industrial policyon backward areas.

Unit - IV : Industrial Productivity and Finance   (18 Hours)

Industrial Productivity-Measures –factors affecting productivity- and efficiency- Financial statements: Ratio analysis and interpretation-Industrial finance-sources of finance- Industrial Development Bank of India– IFC-Objectives and functioning – Impact of these institutions.

UNIT –V : Issues in Indian Industry   (19 Hours)

Public sector: Rationale-organization – Pricing policies – The question of efficiency – Performance of public sector in India – The concept of joint sector- Industrial problems: Industrial sickness, Evaluation of Industrial reform measures- Industrial policy since 1991- Foreign capital and role of MMNC in India.

Total Lecture Hours -90

COURSE OUTCOMES:
Students will be able to
1. Understand basic concepts of firms and pricing.
2. Explain the relevance of industrial studies for public policy.
3. Identify the regional growth of industry inIndia
4. Develop skills in Industrial Productivity and Finance and modifyindustrial problems and industrial sickness.
5. Understand measures of industrial productivity and sources of finance and analyze Industrial policy since 1991.

TEXT BOOKS:

1. Divine, P.J. et al., (1978), An Introduction to Industrial Economics 3e[George Allen and Unwin, London].
2. Hay, D.A. and D.J.Morris (1979), Industrial Economics: Theory and Evidence [Oxford University Press, Oxford].
3. Barthwal, R.R. (2000), Industrial Economics, Wiley Eastern Ltd, NewDelhi
4. Cherunilam, F (2010), Industrial Economics; Indian Perspective (3 rd Edition) HimalayaPublishingHouse,Mumbai
5. G.S.Batra, R.C.Dangwal (2002), Industrialization New Challenges, Deep & DeepPublicationsPvt Ltd, New Delhi.

REFERENCE BOOKS:

1. Narasimha Chary (2007), Industrial Development in India, Anmol Publication PvtLtd,New Delhi
2. R.Vishwanathan (2016), Industrial Finance, Mackmillan India Ltd, New Delhi
3. Divine, P.J. and R.M.. Jones et.al. (1985), An Introduction to Industrial Economics,George Allen and Unwin Ltd, London.
4. Kuchhal, S.C. (1987), Industrial Economy of India, ChaitanyaPublishingHouse,Allahabad
5. Mamoria and Mamoria(2016), Dynamics of Industrial Relations in India, Himalaya Pub.House, Mumbai
6. RatnaSen (2003), Industrial Relations in India, Macmillan India Ltd, New Delhi.
7. Singh, A. and A.N. Sadhu (2019), Industrial Economics, Himalaya PublishingHome,Bombay.
8. SukhadeoThorat, Jaya PrakashPradhan, Vinoj Abraham (2005), Industrialization Economic Reforms and Regional Development, Shipra Publications, New Delhi

E RESOURCES:

1. https://www.economicsdiscussion.net/price/pricing-in-theory-with-diagram/20238
2. https://www.investopedia.com/terms/i/industrial-organization.asp#:~:text=Industrial%20organization%20is%20a%20field,theory%20of%20price%20to%20industries.
3. https://www.jstor.org/stable/1825076
4. https://www.economicsdiscussion.net/management/productivity-meaning-concept-formulas/32324
5. https://www.toppr.com/guides/business-economics-cs/overview-of-indian-economy/development-issues-of-indian-economy/

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DEPARTMENT OF ECONOMICS

M.A. ECONOMICS

SEMESTER: IV – VAC-II : ECONOMICS OF INFRASTRUCTURE

| Ins. Hrs. /Week : | Course Credit: 2* | Course Code : 23PECVA42 |

UNIT - I: Introduction

Introduction - Infrastructure and economic development — Infrastructure as a public good; Social and physical infrastructure; Special characteristics of public utilities. The peak-load – Off-Load Problem – Dual Principle Controversy; Economies of scale of Joint supply ; Marginal Cost Pricing vs. other methods of pricing in public utilities.

UNIT - II: Transport Economics

Transport Economics – The structure of Transport Costs and Location of Economic Activities. Demand for Transport – Models of Freight and Passenger Demand – Model Choice; Cost Functions in the Transport Sector – Principle of Pricing – Special Problems of Individual Modes of Transport; Inter-modal condition in the Indian Situation.

UNIT - III: Energy Economics - I

Energy Economics – Primacy of Energy in the Process of Economic Development – Factors Determining Demand for Energy; Effects of Energy Shortages – Energy Conservation – Renewable and Nonconventional Sources of Energy – Energy Modelling– The Search for an Optimal Energy Policy in the Indian Context.

UNIT - IV: Energy Economics - II

Electricity, Gas and Water Supply- Bulk Supply and Pricing of Electricity – The Relative Economics of Thermal, Hydel and Nuclear Power Plants – The Case for a National Power Grid – Financing Water Utilities – Urban and Rural Water Supply – The Exploitation of Natural Gas – Pricing Problem.

UNIT - V: Social Infrastructure

Social Infrastructure – Education and Economic Growth – The Case for Universal, Free, Primary Education; Structure of higher education and problems of its financing in India – Human Resources and Human Capital Development - Health dimensions of development; Determinants of Health - poverty, malnutrition, illiteracy and lack of information; Demand and supply of health care; Financing of health care; Inequalities in health - class and gender perspectives; Institutional issues in health care delivery.

COURSE OUTCOMES:

Students will be able to

1. To define and explain the consequences of growth on the demand for infrastructure and dual principal controversies.
2. To demonstrate and identify the importance of the cost and mode of transportation.
3. Illustrate, explain and examine the role of energy and its infrastructure in economic development
4. Examine how the power supply and explain and dissect its pricing problems.
5. Explain, discuss and analyse the social Infrastructure and its relevance in the economy.

TEXT BOOKS:

1. Becker, G.S. (1974), Human Capital (2nd Edition), National Bureau of Economic Research, New York.
2. Crew, M.A. and P.R. Kleindorfer (1979), Public Utility Economics, Macmillan, London

REFERENCE BOOKS:

1. India Infrastructure Report, Urban Infrastructure, 3i Network, 2006
2. Jha, R., Chandiramani, J., Perspectives in Urban Development: Issues in Infrastructure, Planning and Governance, Capital Publishing Company, New Delhi, 2012.
3. McKinsey Global Institute. Urban World: Mapping the economic power of cities. McKinsey & Company. 2011

E RESOURCES:

1. www.niua.org
2. https://censusindia.gov.in/
3. https://onlinecourses.nptel.ac.in/noc22_hs64/preview