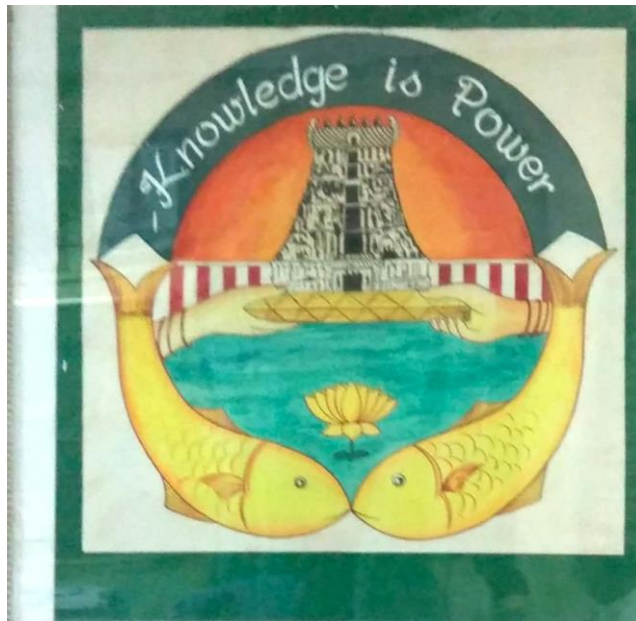# SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN (AUTONOMOUS)

MADURAI-2

DEPARTMENT OF ECONOMICS

SYLLABI FOR M.Phil ECONOMICS

(Under CBCS System - 2021-22)

PROFILE OF THE DEPARTMENT

Year of the commencement of Programmes

    B.A ECONOMICS - 1966-67

    M.A ECONOMICS- 1974-75

    M.Phil ECONOMICS 2013-14

Vision:

- **To Uphold High Standards of Academic Performance**
- **To Enrich Students Employability**
- **To Create Entrepreneurial Skills**

Mission:

- **Providing Quality Instruction to Students**
- **Specialising Through Project Work and Seminar**
- **Inculcating Creative Thinking Through Entrepreneurial Skills**

Eligibility for Admission (As per DCE regulations 2018-19)

1. **Masters Degree in Economics/ Econometrics/Mathematical Economics with 55% of marks is required for the admission of M.Phil Economics**
2. **M.Phil admission is based on entrance test conducted by the Madurai Kamaraj University**
3. **The admission shall be made purely on the basis of merit subject to the rule of reservation of the Government of India**

Programme Outcomes:

1. **Professional Capability**: Develop means of expressing concepts, propositions and beliefs in coherent, concise and technically correct forms appropriate to professional goals.
2. **Analytical Ability**: ability to collect and analyse information and apply logical thinking in order to break complex problems in their counterparts.
3. **Research and Experimentation:** ability to conduct a research with a scientific approach and experiments.
4. **Modern Methods and Technology**: examines the usefulness and applicability of new methods and technology in pursuit of new knowledge
5. **Social Transformation:** helps to alter the process of change in institutionalized relationships, norms and values**.**

Programme Specfic Outcomes:

1. Applying economic tools on a wide range of social and economic problems and engage effectively in policy debates.
2. Acquiring sufficient knowledge and understanding of advanced economics to proceed to a career as a professional economist in business or government.
3. Analysing policy initiatives relating to national and global economic and development issues from a quantitative and inter – disciplinary perspective.
4. Building Professional competencies in research methodology, statistical and quantitative techniques.
5. Equiping to appear for the UGC-NET, SLET and other competitive examination.

SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN, (AUTONOMOUS),

MADURAI-2

DEPARTMENT OF ECONOMICS

M.Phil ECONOMICS SYLLABI –   CBCS

(For those who are admitted from July 2019 onwards)

Semester	Nature of the Paper	Code	Title of the Paper	Total Hours				Marks			Credits	Page No.
				Lecture Hours	Seminar Hours	Library Hours	Total	Int	Ext	Tot		
I	Core Paper 1	MPEA1	Research Methodology	90	30	30	150	40	60	100	5	1
	Core Paper 2	MPEA2	Recent Developments in Economic Theory	90	30	30	150	40	60	100	5	4
	Elective Papers			90	30	30	150	40	60	100	5	
	Optional 1	MPEE1	Special Area Study									7
	Optional 2	MPEE2	Agricultural Economics									12
	Optional 3	MPEE3	Industrial Economics									17
II		MPEPW	Dissertation					25	75	100	21	
	Total			270	90	90	450			400	36	

MAPPING PATTERN

Mapping	1-20%	21-40%	41-60%	61-80%	81-100%
Scale	1	2	3	4	5
Relation	0.0-1.0	1.1-2.0	2.1-3.0	3.1-4.0	4.1-5.0
Quality	Very Poor	Poor	Moderate	High	Very High

DEGREE   **: M.Phil. Economics**
SEMESTER   **: I**   **CREDITS   : 05**
SUBJECT CODE: MPEA1   **HOURS   : 90**

CORE:RESEARCH METHODOLOGY

Pedagogy	Hours P/W	Lecture	ICT	Peer Group Discussion/Teaching	PPT
	6	4	√	1	1

Preamble:

1. To familiarize the students with methodology of research and its application in Economics.
2. To enable the students for writing dissertation.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the nature and scope of Research and suggest the criteria of good research	I	15
CO2: identify the Research Problem and suggest the measures to solve the problem and develop hypothesis.	II	17
CO3: application of primary and secondary data and explain the sampling Techniques	III	20
CO4: explain the co-efficient of variation, correlation and regression and illustrate different inequality measures.	IV	20
CO5: enable the students to understand the mechanics of thesis writing.	V	18

CORE:RESEARCH METHODOLOGY

Unit-I: Introduction
Research: Meaning, Nature and Scope – Objectives of Research – Types and Importance of Research – Criteria of Good Research - Problems of Research in Social Sciences.
Unit II: Choice of Research Problem
Identification of Research Problem: Source – Survey of Literature – Statement of Research Problem – Framing Objectives – Developing Hypothesis.
Unit III: Collection of Data
Data: Meaning, Classification – Sources of Primary and Secondary Data – Problems in using Secondary Data – Collection of Primary Data - Sampling Techniques – Methods of Data Collection (Interview, Observation and Questionaire Methods) – Scaling Techniques.
Unit IV: Analysis and Interpretation of Data
Data Anslysis and Interpretation – Coefficient of Variation – Correlation – Regression (Simple and Multiple) – Inequality Measures (Gini Coefficient and Lorenz Curve) – Trend Analysis (Linear, Quadratic and Exponential) – R^2 - Analysis of Qualitative Data (Garrett and Guilford Methods – Rank Correlation) – Factor Analysis and Discriminant Analysis.
Unit V: Research Report Writing
Planning and Organizing the Report – Steps in Organization – Prerequisites of Thesis writing – Mechanics of Thesis Writing – Thesis Structure and Body – Foot Note.

BOOKS FOR REFERENCE:
 1. Young P.V., Scientific Social Surveys, Prentice Hall of India, New Delhi.
 2. Goode W.J. and Hatt P. F., Methods in Social Research, Mc Graw Hill Book Company, New Delhi
 3. Anderson, Thesis and Assignment Writing, Wiley Eastern Ltd., New Delhi.
 4. Wilkinson T.S. and Bandarkar P.L., Methodology and Techniques of Social Research, Himalaya Publishing House, Mumbai.
 5. Kothari C.R., Research Methodology, Wiley Eastern Limited, New Delhi.
 6. A. Koutsoyiannis A.,Theory of Econometrics, Macmillan Education Ltd., New Delhi.
 7. Damondar N. Gujarathi, Basic Econometrics, Mc Graw Hill International Edition, New Delhi.
 8. Saravanavel P., Research Methodology, Kitab Mahal, Allahabad.
 9. Sonachalam K.S., Research Methodology of Social Sciences, Emerald Publication, Chennai.
10. Ghosh B.N., Scientific Methods and Social Research, Sterling Publishers Pvt. Ltd., New Delhi.
11. Krishnaswamy R. and Ranganathan M., Methodology of Research, Himalaya Publishing House, Chennai.
12. Kurien C.T., A Guide to Research in Economics, Sangam Books, Chennai.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Introduction			
	Research: Meaning, Nature and Scope – Objectives of Research	4	Lecture
	Types and Importance of Research – Criteria of Good Research	4	Lecture
	Problems of Research in Social Sciences	7	Lecture & PGD
Unit II: Choice of Research Problem			
	Identification of Research Problem: Source – Survey of Literature – Statement of Research Problem	10	Lecture
	Framing Objectives – Developing Hypothesis	7	Lecture
Unit III: Collection of Data			
	Data: Meaning, Classification – Sources of Primary and Secondary Data – Problems in using Secondary Data – Collection of Primary Data	10	Lecture & PGD
	Sampling Techniques – Methods of Data Collection (Interview, Observation and Questionaire Methods) – Scaling Techniques	10	Lecture
Unit IV: Analysis and Interpretation of Data			
	Data Anslysis and Interpretation – Coefficient of Variation – Correlation – Regression (Simple and Multiple) – Inequality Measures (Gini Coefficient and Lorenz Curve)	10	Lecture
	Trend Analysis (Linear, Quadratic and Exponential) – R^2 - Analysis of Qualitative Data (Garrett and Guilford Methods – Rank Correlation) – Factor Analysis and Discriminant Analysis	10	Lecture
Unit V: Research Report Writing			
	Planning and Organizing the Report – Steps in Organization – Prerequisites of Thesis writing –	10	Lecture
	Mechanics of Thesis Writing – Thesis Structure and Body – Foot Note	8	Lecture & ICT

Course Outcomes Cos	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	3	3	4	3	4	3	3	4	3.4
CO2	3	4	4	3	3	4	4	3	3	3	3.4
CO3	4	2	4	3	3	4	3	4	4	3	3.4
CO4	3	4	3	4	4	3	4	4	3	4	3.6
CO5	4	3	3	4	4	3	3	4	4	3	3.5
Mean Overall Score											3.46

Result: the Score for this Course is 3.46(High Relation)   Course Designer: Dr.S.Kumari Janani

DEGREE   : M. Phil. Economics
SEMESTER   : I   CREDITS : 05
SUBJECT CODE: MPEA2   HOURS   : 90

CORE: RECENT DEVELOPMENTS IN ECONOMIC THEORY

Pedagogy	Hours P/W	Lecture	ICT	Peer Group Discussion/Teaching	PPT
	6	4	√	1	1

Preamble:
1. To enable the students to understand the theories of different branches of Economics.
2. To enable the students to analyse the issues using basic micro economic concepts.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: describe the demand and price theories	I	18
CO2: analyse the theories of stiglers's Model and understand the Asymmetric Information	II	18
CO3: explain the theories of International Economics and MC Kinnon, Peterkenen, Magnifico Models	III	18
CO4: apply the theories of development economics and problems of multiple equilibrium	IV	18
CO5: examine the Macro Economic theory and Compare Monetarism, Keynesianism	V	18

DEGREE   : M.Phil. Economics
SEMESTER   : I   **CREDITS : 05**
SUBJECT CODE: MPEA2   **HOURS   : 90**

CORE: RECENT DEVELOPMENTS IN ECONOMIC THEORY

Unit I: Theory of Market Demand and Limit Pricing
The Pragmatic Approach to Demand Analysis – Linear Expenditure system -   The model of Sylos Labini – The model of Franco Modigliani – The model of Bhagwati – The model of Pashigian.

Unit II: Theory of Search
Economics of Search – Theories: Stigler's Model – Rothschilds model –   Expected return Theory – Types of Efficient Marker Hypothesis – Asymmetric information – Lemon Market - Adverse selection – Moral hazard – Market Signaling.

Unit III: Theories of International Economics
Partial equilibrium analysis of a customs union – New Welfare effect – General equilibrium analysis of a customs union (Lipsey and Vanek Models) – Optimum Currency Area – Theories of Mundell – McKinnon, PeterKenen, Magnifico and Wood.

Unit IV: Theories of Development Economics
New Growth Theory – Endogenous growth – Romer Model – Underdevelopment as Coordination failure, multiple equilibria conditions – Need for big push – Problems of Multiple Equilibria – Kremer's O Ring theory of Economic Development.

Unit V: Macro Economic Theory
Monetarism and Keynesianism – Supply side Economics – New Classical Macro Economics – Internal and External Balance – Stabilization policy under fixed and flexible exchange rates – Mundell – Flemming Model.

BOOKS FOR REFERENCE:
1. Koutsoyiannis A. ,Modern Micro Economics, Oxford University Press, New Delhi.
2. Dominic Salvatore, Micro Economic Theory, Mc Graw Hill, New Delhi.
3. Monkar V.G., Business Economics, Macmillan, New Delhi.
4. Mannur M.G., International Economics, Vikas Publishing House, New Delhi.
5. Thomas F. Dernburg, Macro Economics, Mc Graw Hill, International Edition, New Delhi.
6. Ahuja H.L., Advanced Economic Theory, S. Chand & Company, New Delhi.
7. Jhingan M.L., Advanced Economic Theory, Vrinda Publication, New Delhi.
8. Taneja & Myer, Economics of Development and Planning, Vishal Publishing, New Delhi.
9. Seth M.L., Principles of Economics, Lakshmi Narain Agarwal Educational Publishers, Agra.
10. Francis Cherunilam, International Economics, Himalaya Publishing House, New Delhi.
11. Vaish M.C., International Economics, New Age International, New Delhi.
12. Misra S.K. and Puri V.K., Economics of Development and Planning, Himalaya Publishing House, New Delhi.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Theory of Market Demand and Limit Pricing			
	The Pragmatic Approach to Demand Analysis – Linear Expenditure system	6	Lecture & PGD
	The model of Sylos Labini – The model of Franco Modigliani	6	Lecture
	The model of Bhagwati – The model of Pashigian	6	Lecture
Unit II: Theory of Search			
	Economics of Search – Theories: Stigler's Model – Rothschilds model – Expected return Theory	6	Lecture
	Types of Efficient Marker Hypothesis – Asymmetric information	6	Lecture
	Lemon Market - Adverse selection – Moral hazard – Market Signaling	6	Lecture & PPT
Unit III: Theories of International Economics			
	Partial equilibrium analysis of a customs union – New Welfare effect — Optimum Currency Area	6	Lecture
	General equilibrium analysis of a customs union (Lipsey and Vanek Models)	6	Lecture
	Theories of Mundell – McKinnon, PeterKenen, Magnifico and Wood	6	Lecture
Unit IV: Theories of Development Economics			
	New Growth Theory – Endogenous growth – Romer Model	6	Lecture
	Underdevelopment as Coordination failure, multiple equilibria conditions	6	Lecture
	Need for big push – Problems of Multiple Equilibria – Kremer's O Ring theory of Economic Development	6	Lecture
Unit V: Macro Economic Theory			
	Monetarism and Keynesianism — Internal	5	Lecture
	Supply side Economics – New Classical Macro Economics	6	Lecture
	External Balance – Stabilization policy under fixed and flexible exchange rates – Mundell – Flemming Model	7	Lecture & ICT

Course Outcomes COs	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	4	3	3	3	4	3	3	3	3	3.3
CO2	4	4	3	3	3	4	3	3	2	2	3.1
CO3	4	4	3	3	3	4	2	2	3	3	3.1
CO4	4	4	3	3	3	4	3	3	3	3	3.3
CO5	4	4	3	3	3	4	3	3	2	2	3.1
Mean Overall Score											3.18

Result: the Score for this Course is 3.18(High Relation)   Course Designer: Dr.M.Aruna

DEGREE : M.Phil. Economics		
SEMESTER : I	**CREDITS** : 05	
SUBJECT CODE: MPEE1	**HOURS** : 90	

OPTIONAL : SPECIAL AREA STUDY

Pedagogy	Hours P/W	Lecture	ICT	Peer Group Discussion/Teaching	PPT
	6	4	√	1	1

Preamble:

1. To develop the skill of narrowing down to a specific researchable problem from a branch of economics.
2. To expose the students about the contemporary issues in various sectors.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: analyse the resource use efficiency in production and profit function	I	17
CO2: describe the underlying strategies and issues in productivity	II	18
CO3: identify, appraise and appreciate successful implementation of Rural Development Programme	III	18
CO4: understand social costs, benefits and Environmental damages	IV	17
CO5: summarise effective and successful management of trade co- operation	V	20

OPTIONAL : SPECIAL AREA STUDY

Unit I: Studies on Agriculture
Agricultural Production – Production function analysis – Resource use efficiency cost curve – Various cost concepts used in farm management studies – Farm size and productivity – The present state of agricultural marketing in India – Various markets – Need for state intervention – Marketed surplus – Marketing margin – Determinants of marketable surplus – Concepts of efficiency – Price efficiency – Technical efficiency – Allocative efficiency – Supply response model – Cobb Web model – Production function vs Profit function – Estimation of input demand function – Cost function and profit function.

Unit II: Studies on Industry
Productivity growth in Indian industry – Inter industrial pattern of productivity growth – Determinants of productivity growth – Labour productivity – Capital productivity and capital intensity – Measurement of output – Labour input – Capital – Capital utilization in Indian manufacturing industries – Phases of industrial growth in India – I - Phase 1956-65, II – Phase 1965-66 to 1979-80, III – Phase 1980-1990, IV – Phase 1990's – Disinvestments in public sector undertakings (PSUs) – Strategies and issues.

Unit III: Studies on Rural Development
Concept of Rural Development – Features of Rural Development – Scope of Rural Development - Principles and Objectives of Rural Development – Recent Trends in Rural Development - Significance of Rural Development – Strategy for Rural Development – Methods and approaches to the Rural Development Programmes – Current Issues of Rural Development.

Unit IV: Environmental Economics
Basic concepts of Environmental Economics – Market failure – Public Goods and Bads – The value of the Environment - Social Costs Benefits Analysis – Pollution control techniques - Allocation of property rights - Coase Theorem – Environment and Economic Growth – Environmental Damages – International Environmental Agreements – International Trade and Environment.

Unit V: Studies on International Trade
Trade relations between developed and developing countries – Trade problems of developing countries – Deteriorating Terms of Trade – Regional groupings and their role in future trading system – Advantages of Regional groupings – Regional Groupings among the Developing Countries – SAARC and ASEAN – Functioning, Achievements and Problems – Need – Progress – Expansion – Problems – Prospects and Issues in South – South Economic Cooperation - Issues in North-South Co-operation.

BOOKS FOR REFERENCE:

1. Golbar B.N., Productivity Growth in Indian Industry, Allied publishers Private Limited, New Delhi.
2. Puhpa Trivedi, Anand Prakash, David Sinate, Productivity in major manufacturing industries in India: 1973-74 to 1997-98, Development Research Group, Economic Analysis and Policy, Reserve Bank of India, Mumbai.
3. Barthwal R.R., Industrial Economics – An Introductory Text Book, New Age International Publishers, New Delhi.
4. Uma Kapila, Indian Economy Since Independence, Academic Foundation, New Delhi.
5. Ruddar Datt and Sundaram K.P.M., Indian Economy, S.Chand & Co, New Delhi.
6. Chaudhary C.M., Rural Economics, Subtime Publications, Jaipur.
7. Sankar U., Environmental Economics, Oxford University Press, New Delhi.
8. Barry C.Field, Environmental Economics, MC Graw Hill Book Company, New Delhi.
9. Charles D.Kolstad, Environmental Economics, Oxford University Press, New Delhi.
10. Sankaran S., Environmental Economics, Margham Publications, Chennai.
11. Sudir dawra, Environmental Economics, Mohit Publications, Chennai.
12. Saini G.R., Farm Size, Resource Use Efficiency and Income Distribution, Allied Publishers, New Delhi.
13. Bilgrami S.A.R., Agricultural Economics, Himalaya Publishing House, Bombay.
14. Acharya and Agarwal, Agricultural Prices-Analysis and Policy, Oxford and IBH Publishing Company, New Delhi.
15. Gulati and Kelly, Trade Liberalization and Indian Agriculture, Oxford University Press, New Delhi.
16. Vasant Desai, A Study of Rural Economics, Himalaya Publishing House, Bombay.
17. Katar Singh, Principles, Policies and Rural Management, Sage Publications, New Delhi.
18. Vasant Desai, Fundamentals of Rural Development – A System Approach, Himalaya Publishing House, Bombay.
19. Narayana D.L. & Boppana Nagarjuna, Economics of HRD: A Perspective Analysis, Serials Publications, New Delhi.
20. Rudrabasavaraj M.N., Global Human Growth Model, Himalaya Publishing House, Bombay.
21. Tiwari T.D. & Anuja Thakkar, New Dimensions on Human Resource Development, Wisdom Publications, Delhi.
22. Arya P.P., & Tandon B.B., Human Resource Development, Deep & Deep Publications, New Delhi.
23. Economic Survey (Vairous issues), Government of India.
24. Annual Survey of Industries, (Various issues).
25. Sinha R.K. (ed), New International Economic Order.
26. Das D.K. (ed), SAARC Regional Cooperation and Development.
27. Das D.K. (ed), Trade and Development.
28. Singh R.K. (ed), IMF Policies towards Developing Countries.
29. RIS – South South Economic Cooperation.
30. www.India.ugc.in
31. www.Ministry of Industry and Finance.com

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Studies on Agriculture			
	Agricultural Production – Production function analysis – Resource use efficiency cost curve – Various cost concepts used in farm management studies – Farm size and productivity – The present state of agricultural marketing in India	5	Lecture &PGD
	Various markets – Need for state intervention – Marketed surplus – Marketing margin – Determinants of marketable surplus	5	Lecture &PGD
	Concepts of efficiency – Price efficiency – Technical efficiency – Allocative efficiency – Supply response model – Cobb Web model – Production function vs Profit function – Estimation of input demand function – Cost function and profit function	7	Lecture & ICT
Unit II: Studies on Industry			
	Productivity growth in Indian industry – Inter industrial pattern of productivity growth – Determinants of productivity growth	6	Lecture &PGD
	Labour productivity – Capital productivity and capital intensity – Measurement of output – Labour input – Capital – Capital utilization in Indian manufacturing industries	4	Lecture & PPT
	Phases of industrial growth in India – I - Phase 1956-65, II – Phase 1965-66 to 1979-80, III – Phase 1980-1990, IV – Phase 1990's – Disinvestments in public sector undertakings (PSUs) – Strategies and issues	4	Lecture &PGD
Unit III: Environmental Economics			
	Concept of Rural Development – Features of Rural Development – Scope of Rural Development - Principles and Objectives of Rural Development	4	Lecture & PPT
	Recent Trends in Rural Development - Significance of Rural Development – Strategy for Rural Development	3	Lecture &PGD
	Methods and approaches to the Rural Development Programmes – Current Issues of Rural Development	6	Lecture &PGD
Unit IV: Environmental Economics			
	Basic concepts of Environmental Economics – Market failure – Public Goods and Bads – The value of the Environment	7	Lecture &PGD
	Social Costs Benefits Analysis – Pollution control techniques - Allocation of property rights - Coase Theorem	5	Lecture & PPT
	Environment and Economic Growth – Environmental Damages – International Environmental Agreements – International Trade and Environment	5	Lecture & PPT
Unit V: Studies on International Trade			
	Trade relations between developed and developing countries – Trade problems of developing countries – Deteriorating Terms of Trade –	7	Lecture & PPT
	Regional groupings and their role in future trading system – Advantages of Regional groupings – Regional Groupings among the Developing Countries –	7	Lecture & PPT
	SAARC and ASEAN – Functioning, Achievements and Problems – Need – Progress – Expansion – Problems – Prospects and Issues in South – South Economic Cooperation - Issues in North-South Co-operation	6	Lecture & PPT

Course Outcomes Cos	Programme Out Comes (Pos)					Programme Specific Out Comes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	4	3	3	4	3	3	4	4	3.4
CO2	3	4	3	3	4	3	4	3	4	3	3.4
CO3	3	3	4	3	4	3	3	4	3	3	3.3
CO4	3	3	3	4	3	3	4	3	4	4	3.4
CO5	3	3	3	4	3	4	3	3	3	3	3.2
Mean Overall Score											3.34

Result: the Score for this Course is 3.34(High Relation)   Course Designer: Dr.V.SURIAGANDHI

OPTIONAL : AGRICULTURAL ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	PPT	GD
	4	5	√	1	1

Preamble:

1. To highlight the important aspects of agricultural development.
2. To provide a detailed treatment of issues in agricultural economics.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: analyse the resource use and productivity in agriculture, examine the production, cost functions and describe e the gender issues in agriculture	I	18
CO2: evaluate the agricultural price analysis and policy. Illustrate the different types of efficiency and assess the different model of demand and supply responses	II	18
CO3: understand the theoretical aspects of agricultural marketing and taxation, describe the different types of agricultural marketing and taxation committees	III	18
CO4: apply the theoretical aspects of agricultural and WTO and examine the impact of globalization on Indian Agriculture	IV	18
CO5: interpret the econometric applications in agricultural economics	V	18

OPTIONAL : AGRICULTURAL ECONOMICS

Unit I: Resource use and Productivity in Agriculture
Agricultural Production – Resource use efficiency – Production function Analysis – Factor Combination and resource substitution – Cost Curve – Supply Curve – Farm Size and Productivity – Decomposition of Neutral and non-Neutral technical Changes – Empirical findings – Farm budgeting and cost concept – Labour utilization – Gender issues in Agricultural Activities – Factors determining gender – Wage differentials.

Unit II: Agricultural Price Analysis and Policy
Concepts – Marketing efficiency and Pricing efficiency – Spatial pricing efficiency – Intro-year pricing efficiency – Pricing efficiency in commodities involving processing – Pricing efficiency and restricted trade practices – Supply – price relationship – Marketed surplus (Rajkrishna, Belvan and Krishna) – Cob-web model of Supply – Demand Price interaction – Models of Supply Responses (Nerlovian Price expectation model) – Price policy in India.

Unit III: Agricultural Marketing and Taxation
The present state of agricultural marketing in India – Regulated Markets – Cooperative marketing – Warehousing – Need for State Intervention – State Policy with respect to agricultural marketing – Importance of Agricultural taxation for a developing economy – Present position of agricultural taxation – Burden of agricultural taxation – Raj Committee's Proposals – Agricultural Income Tax.

Unit IV: Agriculture and WTO
International Trade in Agricultural Commodities – Commodity Agreements, Role of WTO – QRs – Nature and Features of Agricultural Business in the New Environment – Role of MNCs – Impact of globalization on Indian Agriculture.

Unit V: Econometric Applications in Agricultural Economics
Estimation of Production Function – Measurement of Technical Efficiency – Measurement of Neutral and Non-neutral technical change – Estimation of input demand functions, cost function and profit function – Measurement of risk and uncertainty in agriculture.

BOOKS FOR REFERENCE:
1. Acharya and Agarwal, Agricultural Prices – Analysis and Policy, Oxford and IBH Publishing Company, New Delhi.
2. Raddar Dutt and Sundharam K.P.M., Indian Economy, S.Chand and Company, New Delhi.
3. Gulati and Kelly, Trade Liberalization and Indian Agriculture, Oxford University Press, New Delhi.
4. Saini G.R., Farm Size, Resource Use Efficiency and Income Distribution, Allied Publishers, New Delhi.
5. Bilgrami S.A.R., An introduction to Agricultural Economics, Himalaya Publishing House, Mumbai.
6. Krishna K.L., (Ed.), Econometric Applications in India, Oxford University Press, New Delhi.
7. Sathu A.N.and J.Singh, Agricultural problems in India, Himalaya Publishing House, Mumbai.
8. Sankaran S., Indian Economy, Margham Publications, Chennai.
9. Soni N., Leading Issues in Agricultural Economics, Vishal Publishers, New Delhi.
10. Sutha Reddy S., Raghu Ram P., Neelakanda Sastry T.V., Bhavani Devi L., Agricultural Economics, Oxford IBH Publishers and Co., New Delhi.
11. Gupta P.K., Agricultural Economics, Vrinda Publications, New Delhi.
12. Desai R.G., Agricultural Economics, Models, Problems and Policy Issues, Himalaya Publishing House, Mumbai.

Course Contents and Lecture Schedule

Units	Topics	Hours	Mode of Teaching
Unit I: Resource use and Productivity in Agriculture			
	Agricultural Production – Resource use efficiency – Production function Analysis – Factor Combination and resource substitution – Cost Curve	6	Lecture
	Supply Curve – Farm Size and Productivity – Decomposition of Neutral and non-Neutral technical Changes – Empirical findings	6	Lecture & PPT
	Farm budgeting and cost concept – Labour utilization – Gender issues in Agricultural Activities – Factors determining gender – Wage differentials	6	Lecture & GD
Unit II: Agricultural Price Analysis and Policy			
	Concepts – Marketing efficiency and Pricing efficiency – Spatial pricing efficiency – Intro-year pricing efficiency – Pricing efficiency in commodities involving processing	6	Lecture & PPT
	Pricing efficiency and restricted trade practices – Supply – price relationship – Marketed surplus (Rajkrishna, Belvan and Krishna) – Cob-web model of Supply – Demand Price interaction	6	Lecture
	Models of Supply Responses (Nerlovian Price expectation model) – Price policy in India	6	Lecture & PPT
Unit III: Agricultural Marketing and Taxation			
	The present state of agricultural marketing in India – Regulated Markets – Cooperative marketing – Warehousing – Need for State Intervention	6	Lecture & PPT
	State Policy with respect to agricultural marketing – Importance of Agricultural taxation for a developing economy – Present position of agricultural taxation	6	Lecture
	Burden of agricultural taxation – Raj Committee's Proposals – Agricultural Income Tax	6	Lecture & PPT
Unit IV: Agriculture and WTO			
	International Trade in Agricultural Commodities – Commodity Agreements, Role of WTO	6	Lecture & ICT
	QRs – Nature and Features of Agricultural Business in the New Environment	6	Lecture & PPT
	Role of MNCs – Impact of globalization on Indian Agriculture	6	Lecture & GD
Unit V: Econometric Applications in Agricultural Economics			
	Estimation of Production Function – Measurement of Technical Efficiency – Measurement of Neutral and Non-neutral technical change	6	Lecture & PPT
	Estimation of input demand functions, cost function and profit function	6	Lecture
	Measurement of risk and uncertainty in agriculture	6	Lecture & GD

Course Outcomes COs	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	4	3	4	4	3	4	4	3	3	3	3.5
CO2	4	4	4	3	3	4	3	4	3	3	3.5
CO3	4	3	3	3	4	4	4	4	4	4	3.7
CO4	4	4	4	3	3	4	3	3	4	4	3.6
CO5	4	3	3	4	4	4	4	4	4	3	3.7
Mean Overall Score											3.6

Result: the Score for this Course is3.6 (High Relation)   Course Designer: Mrs.S.SUKUMARI

OPTIONAL : INDUSTRIAL ECONOMICS

Pedagogy	Hours P/W	Lecture	ICT	Peer Group Discussion/Teaching	PPT
	6	4	√	1	1

Preamble:

     1. To enable the students to get an exposure to the issues involved in the process of industrialization.

     2. To provide a thorough knowledge about the economics of industry in a cogent and analytical manner particularly in the Indian context.

Course Outcomes At the end of the semester, the students will be able to	Unit	Hrs P/S
CO1: identifying and examining industrial development process in India and acquiring knowledge about industrial productivity	I	20
CO2: understanding crucial public sector enterprises and private sector enterprises	II	15
CO3: applying theoretical and practical knowledge to analyse performance and problems of small and cottage industries in India	III	15
CO4: **e**ffective and oral presentation of theories of industrial location and evaluation of methods of investment expenditure	IV	20
CO5: evolving relevant solutions to apply econometrics in Industrial Economics	V	20

OPTIONAL : INDUSTRIAL ECONOMICS

Unit I: Industrial Development

Industrial Development Process in India – Trends in Industrial Production and Capacity Utilisation – Percentage Growth Rate and Compound Growth Rate – Capacity Utilisation – Industrial Productivity – Measurement of Industrial Productivity – Solow, Kendrick and Translog indices – Factors determining industrial productivity – Problems of Industrial development in India – Changes in the structure of industry – Concentration Ratio (Geographical).

Unit II: Public Sector Enterprises and Privatisation Process

Performance of Public Sector in India – Problems of Public Sector Enterprises – Need and Issues of Privatisation – Performance of Private sector – MVA and EVA of Private Sector Companies – Problems of the Private Sector – Industrial Sickness.

Unit III: Small Scale and Cottage Industries

Meaning – Performance of Small Scale and Cottage Industries in India – Problems of Small Scale and Cottage Industries – Policy Measures.

Unit IV: Market Structure and Pricing

Sellers concentration – Product differentiation – Entry conditions – Economies of Scale – Profitability – Market Structure and Innovation – Theories of Industrial location – Weber and Sargent Florence – Factors affecting location – Product pricing – Investment expenditure – Methods of Evaluating Investment Expenditure – Mergers, Acquisitions and Diversifications – Theories and Empirical Evidence.

Unit V: Econometric Applications in Industrial Economics

Neo Classical Model of Investment – Accelerator as a flow – Jorgensen and Tobin's Models – Estimation of Employment and Cost Functions – Measurement of Technical Efficiency – Growth and Profitability – Firm size and R & D Activity.

BOOKS FOR REFERENCE:

1. Misra S.K., and Puri V.K., Indian Economy, Himalaya Publishing House, New Delhi.
2. Ahluwalia I.J., Industrial Growth in India, Oxford University Press, New Delhi.
3. Cherunilam F., Industrial Economics - Indian Perspective, Himalaya Publishing House, Mumbai.
4. Brahmananda P.R., and Panchamukhi V.R., The Development Process of the Indian Economy, Himalaya Publishing House, Bombay.
5. Barthwal R.R., Industrial Economics , New Age International (P)Ltd ., New Delhi.
6. Ruddar Datt and Sundaram K.P.M., Indian Economy, S.Chand and Company. New Delhi.
7. Pandey L.M. ,Elements of Financial Management, Wiley Eastern Ltd., New Delhi.
8. Prasad L., Industrialisation Concepts and Issues, S.Chand & Co, New Delhi.
9. Desai B., Industrial Economy of India, Himalaya Publishing House, Mumbai.
10. Singh J., and Sadhu A.N., Industrial Economics, Himalaya Publishing House, Bombay.
11. Prasanna Chandra, Financial Management, Tata MC Graw Hill Book Company, New Delhi.
12. Sankaran S., Indian Economy, Margham Publications, Chennai.

Course Contents and Lecture Schedule

Units	Topic	Hours	Mode of Teaching
Unit I: Industrial Development			
	Industrial Development Process in India – Trends in Industrial Production and Capacity Utilisation – Percentage Growth Rate and Compound Growth Rate – Capacity Utilisation	7	Lecture & PGD
	Industrial Productivity – Measurement of Industrial Productivity – Solow, Kendrick and Translog indices – Factors determining industrial productivity	7	Lecture & ICT
	Problems of Industrial development in India – Changes in the structure of industry – Concentration Ratio (Geographical)	6	Lecture
Unit II: Public Sector Enterprises and Privatisation Process			
	Performance of Public Sector in India – Problems of Public Sector Enterprises —	7	Lecture & PGD
	Need and Issues of Privatisation – Performance of Private sector – MVA and EVA of Private Sector Companies – Problems of the Private Sector	3	Lecture
	Industrial Sickness	5	Lecture
Unit III: Small Scale and Cottage Industries			
	Meaning – Performance of Small Scale and Cottage Industries in India.	7	Lecture & PGD
	Problems of Small Scale and Cottage Industries	5	Lecture & PPT
	Policy Measures	3	Lecture
Unit IV: Market Structure and Pricing			
	Sellers concentration – Product differentiation – Entry conditions – Economies of Scale – Profitability – Market Structure and Innovation	5	Lecture & ICT
	Theories of Industrial location – Weber and Sargent Florence – Factors affecting location	7	Lecture & PGD & PPT
	Product pricing – Investment expenditure – Methods of Evaluating Investment Expenditure – Mergers, Acquisitions and Diversifications – Theories and Empirical Evidence	8	Lecture
Unit V: Econometric Applications in Industrial Economics			
	Neo Classical Model of Investment – Accelerator as a flow	4	Lecture
	Jorgensen and Tobin's Models – Estimation of Employment and Cost Functions	6	Lecture& PGD
	Measurement of Technical Efficiency – Growth and Profitability – Firm size and R & D Activity	10	Lecture

Course Outcomes COs	Programme Outcomes (Pos)					Programme Specific Outcomes (PSOs)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
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CO3	4	3	4	4	3	4	3	4	4	4	3.7
CO4	4	3	3	4	4	3	3	4	3	4	3.5
CO5	3	4	4	4	4	4	3	3	4	4	3.7
Mean Overall Score											3.66

Result: the Score for this Course is3.66 (High Relation) Course Designer: Dr.M.Pappa

QUESTION PAPER PATTERN – M.Phil

Internal = 40

External = 60

2 questions from each unit with internal choice

(5 x 12 = 60)

BLOOM'S TAXONOMY

KNOWLEDGE	50 %
UNDERSTANDING	30%
APPLY	20%