

**ARULMIGU PALANIANDAVAR ARTS  
COLLEGE FOR WOMEN, PALANI  
(AUTONOMOUS)  
RE-ACCREDITED WITH B<sup>++</sup> BY NAAC  
in 3<sup>rd</sup> CYCLE  
SYLLABUS  
FOR M.A ECONOMICS**



**PG DEPARTMENT OF ECONOMICS  
UNDER CHOICE BASED CREDIT  
SYSTEM  
BATCH  
2022-2023 to 2023-2024**

## **CONTENTS**

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## **PREAMBLE**

Economics provides ample scope for maximizing social choices. The study of economics is based on problem solving method after observing new changes and the challenging factors of day today life. It is imperative to know new dimensions that are added and the changes taking place in economic sphere at the national and global level. This causes the concern of updating and restructuring the syllabus at postgraduate level. Mathematical methods Statistical analysis and Research methodology are included in the curriculum to enable the students to analyze economic problems.

Postgraduate programme in economics has been designed to develop in-depth knowledge of economic theory and models. This programme strongly focused on theoretical and quantitative skills and train students in the collection and analysis of the data using their software skills. The programme offers specialised elective optional courses, which allow the student to pursue their studies, in their area of interest.

### **Programme Educational Objectives:**

The programmes enable the students to,

1. Equip with analytical skill to observe and to evaluate economic environment of a country.
2. Develop attitude ability to as to translate economic theory into qualitative conclusions.
3. Understand the application of economic theory to current economic situation.
4. Develop entrepreneurial skill and to enhance the scope of employment opportunities.
5. Introduce innovation methods and to participate in research activities.
6. Imbibe to economic values and business ethics.
7. Appear for various competitive examinations.

## College Objectives

- Women Education
- Women Empowerment
- Self-Reliance
- Model Citizen

### Mapping PEO with College Objectives

PEO/CV	CV1	CV2	CV3	CV4
PEO1	H	H	M	H
PEO2	H	H	H	H
PEO3	H	H	M	H
PEO4	M	H	M	M
PEO5	H	M	H	H
PEO6	H	M	H	H
PEO7	M	M	M	H

**H –High    M-Medium    L-Low    CV-College Objectives**

### Duration of the course:

The students shall undergo the prescribed course of study for a period of two academic years (four semesters).

### Programme Outcome:

1. To impart in depth knowledge to students about economic theory regarding utilization and allocation of resources including labour, natural resource and capital.
2. A sound knowledge in the advanced economic theories and its application.
3. To train the students to gain knowledge in quantitative and research tools to carry out data analysis of economic issues.
4. To prepare students for pursuing research that provides employments through entrepreneurship and innovation methods.
5. Understanding the impact of economic dynamic on environment and to

determine the need for sustainable development.

6. To develop students understanding about how market for goods and services function and how income is generated and distributed.

7. To build character and make responsible citizens.

**MEDIUM OF INSTRUCTION :** English

**SUBJECT OF THE STUDY**  
**SEMESTER WISE DISTRIBUTION WITH**  
**SCHEME OF EXAMINATION**

SEMESTER	PAPER	PAPER NAME	HOURS	CREDIT	MARKS		
					INTERNAL	EXTERNAL	TOTAL
I	Core Paper 1	Advanced Micro Economic theory – I	6	5	25	75	100
	Core Paper 2	Macro Economic theory – I	6	5	25	75	100
	Core Paper 3	Statistics for Economic analysis - I	6	5	25	75	100
	Core Paper 4	Farm Management	6	5	25	75	100
	Elective 1	<b>Option 1:</b> Banking Law and Practice	6	4	25	75	100
		<b>Option 2:</b> Human Resource Management					
		<b>Total</b>	<b>30</b>	<b>24</b>			<b>500</b>
II	Core Paper 5	Advanced Micro Economic theory - II	6	5	25	75	100
	Core Paper 6	Macro Economic theory – II	6	5	25	75	100
	Core Paper 7	Labour Economics	6	5	25	75	100
	Core Paper 8	Statistics for Economic Analysis– II	6	5	25	75	100
	Elective 2	<b>Option 1:</b> Entrepreneurship Development	6	4	25	75	100
		<b>Option 2:</b> Computer Applications for Economics					
		<b>Total</b>	<b>30</b>	<b>24</b>			<b>500</b>

SEMESTER	PAPER	PAPER NAME	HOURS	CREDIT	MARKS		
					INTERNAL	EXTERNAL	TOTAL
III	Core Paper 9	International Economics	6	5	25	75	100
	Core Paper 10	Fiscal Economics	6	5	25	75	100
	Core Paper 11	Mathematical methods for Economic Analysis	6	4	25	75	100
	Core Paper 12	Research Methodology	6	4	25	75	100
	Elective 3	<b>Option 1:</b> Environmental Economics	6	4	25	75	100
		<b>Option 2:</b> Economics of small and medium scale industries					
		Internship Training		2	25	75	100
		<b>Total</b>	<b>30</b>	<b>24</b>			<b>500</b>
IV	Core Paper 13	Economics of Development and growth	6	5	25	75	100
	Core Paper 14	Marketing Management	6	5	25	75	100
	Elective 4	<b>Option 1:</b> Economics for Competitive Examinations	6	4	25	75	100
		<b>Option 2:</b> Women Studies					
		Project	12	4	25	75	100
		<b>Total</b>	<b>30</b>	<b>18</b>			<b>400</b>
		<b>Grand Total</b>	<b>120</b>	<b>90</b>			<b>1900</b>

- **Internship Training**

The Students Should undergo an internship training programme for fifteen days during Second Semester holidays and the report should be submitted by them in the third semester.

## ELIGIBILITY FOR DEGREE:

- No candidate will be eligible for degree without completing the prescribed course of study and prescribed external examinations.
- The passing minimum is 50% in each paper.
- To complete the course students should earn a minimum of 90 credits.

## EVALUATION

- For each course there will be Continuous Internal Assessment (CIA) and end - semester examinations.

ASSESSMENT PATTERN	
CIA	-25 Marks
<b>Components of CIA</b>	
Average of two Internal Tests	-15 Marks
Seminar	- 5 Marks
Assignment	- 5 Marks
<b>End Semester Examination</b>	<b>- 75 Marks</b>

## PASSING REQUIRMENTS

- Scoring 50% both in Internal and External Examinations.

### Evaluation on the basis of Blooms taxonomy

Cognitive	Section	Questions paper pattern	Marks	Total
K1,K2	A-2×2.5	1 or 2 sentences	5	30 ( Converted into 15 marks )
K3,K4	B- 3×5	Paragraph answers	15	
K5,K6	C-1×10	Descriptive type questions	10	



**End semester: Theory and problem oriented papers**

<b>Cognitive</b>	<b>Section</b>	<b>Questions paper pattern</b>	<b>Marks</b>	<b>Total</b>
K1,K2	A	1 or 2 sentences	5×3	15
K3,K4	B	Paragraph answers	5×6	30
K5,K6	C	Descriptive type questions	3×10	30
<b>Total</b>				<b>75</b>

**Evaluation on the basis of Blooms taxonomy**

(For Elective paper - Economics for Competitive Examinations)

<b>Cognitive</b>	<b>Section</b>	<b>Questions paper pattern</b>	<b>Marks</b>	<b>Total</b>
K1,K2	A- 25×1	Multiple choice questions	25	25

**End semester:**

(For Elective Paper - Economics for Competitive Examinations)

<b>Cognitive</b>	<b>Section</b>	<b>Questions paper pattern</b>	<b>Marks</b>	<b>Total</b>
K1,K2	A- 75×1	Multiple choice questions	75	75

## **QUESTION PAPER PATTEN**

(For Core Paper and Elective paper)

**Maximum: 75 marks**

**Time: 3 hours**

### **EXTERNAL EXAMINATION**

#### **Section –A**

**Answer any five questions out of seven questions.** (5×3=15)

(Each unit must have one or two questions) (Open Choice)

#### **Section –B**

**Answer all questions** (5×6=30)

(Each unit must have one or two questions) (Internal Choice)

#### **Section-C**

**Answer any three questions out of five questions** (3×10=30)

(One question from each unit) (Open Choice)

## **QUESTION PAPER PATTEN**

(For Core Paper and Elective paper)

**Maximum: 30 marks**

**Time: 2 hours**

### **INTERNAL EXAMINATION**

#### **Section –A**

**Answer any two questions out of three questions.**

(2×2 ½=5)

(Open Choice)

#### **Section-B**

**Answer all questions.**

(3×5=15)

(Internal Choice)

#### **Section-C**

**Answer any one question out of two questions.**

(1×10=10)

(Open Choice)

## **QUESTION PAPER PATTEN**

(For Elective paper - Economics for Competitive Examinations)

**Maximum: 75 marks**

**Time: 3 hours**

### **EXTERNAL EXAMINATION**

#### **Section –A**

**Answer all questions.**

(75×1=75)

(Each unit must have 15 questions)

Multiple choice questions

## **QUESTION PAPER PATTEN**

(For Elective paper - Economics for Competitive Examinations)

**Maximum: 25 marks**

**Time: 2 hours**

### **INTERNAL EXAMINATION**

#### **Section –A**

**Answer all questions.**

(25×1=25)

(Multiple choice questions)

## **M.A ECONOMICS**

### **SEMESTER I**

#### **CORE COURSE 1- ADVANCED MICRO ECONOMIC THEORY- I**

**Credits: 5**

**Hours: 90**

**Preamble:**

To inculcate knowledge of firm behavioural models and demand theories.

**Course Outcome:**

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the concepts of economic theories.	K1
<b>CO2</b>	Developing the knowledge of price output determination under various markets.	K2
<b>CO3</b>	Familiarizing the demand theories.	K2
<b>CO4</b>	Comprehensive the knowledge on decision making under different market condition.	K3
<b>CO5</b>	Familiarizing the various of economic models and market structures.	K3

**UNIT I: Concepts of Equilibrium:**

Introduction to Principles of Micro Economics – Economic models – Uses and Limitations – The concept of Equilibrium – Meaning – Static and Dynamic Equilibrium – Stable Vs Unstable Equilibrium – Neutral Equilibrium – Partial Equilibrium – General Equilibrium – Methods – Deduction and Induction.

**(19hrs)**

**UNIT II: Theories of demand:**

Theories of demand– utility; indifference curve - income and substitution effects, Slutsky theorem, compensated demand curve – Revealed preference theory; Revision of demand theory by Hicks – Marginal Analysis. **(16hrs)**

### **UNIT III: Firms in competitive market:**

Price and output determination; perfect competition – short run and long run equilibrium of the firm and industry, price and output determination, supply curve; Monopoly – short run and long run equilibrium, price discrimination, monopoly control and regulation; Monopolistic competition – general and Chamberlin approaches to equilibrium, equilibrium of the firm and the group with product differentiation and selling costs, excess capacity under monopolistic and imperfect competition. **(20hrs)**

### **UNIT IV: Production function:**

Production function – Multi Product firm; Elasticity of substitution: Euler's theorem; Technical progress and production function; Cobb-Douglas and CES. Traditional and modern theories of costs – Derivation of cost functions from production functions. **(17hrs)**

### **UNIT V: Firm Behaviour and economic Models:**

Baumol's Sales revenue maximization model – Williamson's model of managerial discretion– Marris model of managerial enterprise; –Full cost pricing rule Behavioural model of the firm (cyert and march model) – circular flow model –production possibility frontier. **(18hrs)**

### **TEXT BOOKS:**

1. M.L.Jhingan- Micro Economic Theory, Vrindha publications (P) Ltd. 7<sup>th</sup> Edition 2009.

### **REFERENCE BOOKS**

1. Sipru Mukhopadhyay- Micro Economics, Ane books Pvt. Ltd 2012.
2. Sunit Bhaduri- Micro Economics Theory, New central book agency (p) Ltd, 2012.
3. Andley and sundram – Micro Economic Theory
4. M.John Kennedy- Micro Economics, Himalaya Publishing House-2006.
5. Dominick Salvatore- Micro Economics Theory, Tata McGraw- Hill.

6. Dr. R. Rajkumar, Dr. Sita Ram Singh- Micro Credit and Economic Development, Ragal Publications, New Delhi.
7. Sunil Bhaduri- Micro Economics Theory, New Central book Agency, Delhi Kolkata.

#### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	H	H	H	H	M
<b>CO2</b>	H	H	M	L	M	H	L
<b>CO3</b>	H	H	L	M	M	L	M
<b>CO4</b>	H	H	M	L	H	H	M
<b>CO5</b>	H	H	H	L	H	M	L

**H –High**

**M-Medium**

**L-Low**

## **M.A ECONOMICS**

### **SEMESTER I**

#### **CORE COURSE 2- MACRO ECONOMIC THEORY- I**

**Credits: 5**

**Hours: 90**

#### **Preamble:**

The main objectives of this course are to enable students develop a critical insight on classical, Keynesian Macro Economic Models and a functioning at four different market conditions.

#### **Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding Macro Economic theories and policies.	K1
<b>CO2</b>	Understanding the concepts of general and money market equilibrium.	K2
<b>CO3</b>	Understanding various theories related to consumption, investment and demand for money.	K2
<b>CO4</b>	Familiarise Keynes and IS& LM analytics.	K3 & K4
<b>CO5</b>	Observing various phases of a business cycle.	K3 & K4

#### **UNIT – I: Meaning and nature of Macro Economics**

Importance of Macro Economics- The circular flow of Income and Expenditure- The circular flow in a three sector closed Economy-The circular flow in a four sector open Economy. **(17hrs)**



## **UNIT – II: Theories of Employment:**

Introduction- Classical theory of employment - Keynes's theory of employment-Meaning-Aggregate demand price - Aggregate supply price-Determination of effective demand– Short run trade off between inflation and unemployment– shift of Phillips curve. **(19hrs)**

## **UNIT – III: Consumption function:**

Properties of technical attributes of the consumption function - Significance of MPC - Keynes's psychological law of consumption - Investment function - Types of induces vs. autonomous determinants of investments - Relationship between MCC and MEI. **(18hrs)**

## **UNIT- IV: Money and market equilibrium:**

IS and LM functions– Introduction the product market Equilibrium - The money market Equilibrium - General Equilibrium of product and money market - Changes in general Equilibrium. **(19hrs)**

## **UNIT –V : Business Cycles:**

Meaning- Type of cycles - Phases of a Business cycle- Hawtrey's monetary Theory of the trade cycle and it's criticism - Theories of Schumpeter - Kaldor, Hicks - Control of business cycle – influence of trade on open economy .

**(18hrs)**

## **REFERENCE BOOK:**

1. M.L. Jhingan- Macro Economic Theory, Virinda publications.
2. D.K.Saran- Advanced Macro Economics- Centrum press, New Delhi 2014.
3. Michael R.Edgemand- Macro Economic Theory and Policy, Prentice Hall Of India, New Delhi 1985.

4. M.C. Vaish- Macro Economic Theory, Allied Publishers, HYDERABAD, 1987.
5. I.C.Dhingra, V.K.Garg, P.L.Mattoo- Macro Economics Analysis and Policy, Sultan Chand & sons New Delhi, 1990.
6. Sunil Bhaduri, John Cole- An International Text in Micro and Macro Economics, New Central Book Agency.

#### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	M	L	M	H	H
<b>CO2</b>	H	H	L	L	M	H	L
<b>CO3</b>	H	H	H	M	L	M	L
<b>CO4</b>	H	H	L	L	M	M	L
<b>CO5</b>	M	M	M	H	H	H	H

**H –High**

**M-Medium**

**L-Low**

## **M.A ECONOMICS**

### **SEMESTER I**

#### **CORE COURSE 3- STATISTICS FOR ECONOMIC ANALYSIS- I**

**Credits: 5**

**Hours: 90**

**Preamble:**

The Main objectives of this course to enable the students understand the importance of statistics and to familiarize the statistical tools.

**Course Outcome:**

On successful completion of the course, students are able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Equipping the knowledge of probability and statistical distribution.	K1
<b>CO2</b>	Imparting the knowledge of time series and index numbers.	K2
<b>CO3</b>	Understanding the application of regression and data analysis	K2
<b>CO4</b>	Evaluating the association of attributes.	K3
<b>CO5</b>	Identifying the methods of interpolation and extrapolation	K3

#### **UNIT – I: Probability and Distribution**

Probability – Meaning – Concept of probabilities - Theories of probability – Binomial Distribution – Poisson and Normal Distribution – Importance of Normal Curve. (18hrs)

#### **UNIT – II: Time Series and Index numbers**

Components of Time series – Moving averages and Link Relative method – Fitting trend – Forecasting – Index Numbers – Test of Adequacy of Index Numbers Formula – Base shifting – consumer price Index numbers – Meaning

and Need – Method production of constructing the Index – Index Number of Industrial. **(19hrs)**

### **UNIT –III: Association of Attributes**

Introduction – Difference between correlation and Association – Notation and Terminology – Consistency of Data – Association and Disassociation – Methods of Studying Association – Partial Association – First method , Second method and Third method ( Yule's coefficient) **(18hrs)**

### **UNIT –IV: Correlation and Regression:**

Correlation and regression analysis –a comparison - Application of regression and data analysis. **(16hrs)**

### **UNIT –V: Interpolation and Extrapolation:**

Introduction – Significance of Interpolation and Extrapolation – Assumption of Interpolation and Extrapolation – Methods of Interpolation – Binomial Expansion method – Newton's method – Lagrange's method – Parabolic Curve method – Extrapolation . **(19hrs)**

### **REFERENCE BOOKS:**

1. S.P.Gupta - Statistical methods, Sultan Chand & Sons, New Delhi.2004
2. R.S.N.Pillai and Bagavathy –Statistical methods, S. Chand & Sons, New Delhi.
3. Dr.M.Manoharan- Statistical Methods theory and Practice- Palani paramount Publications, Palani.
4. Anderson, Sweeney, Williams- Statistics for Business and Economics, Cengage Learning India Private Ltd, New Delhi.
5. Arumugam ISAAC- Statistical Theory and Practices, New Gamma Publishing House, Palayamkottai.

## Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	H	H	H	M	H	L
<b>CO2</b>	M	H	H	M	H	H	M
<b>CO3</b>	M	H	H	H	H	M	M
<b>CO4</b>	H	H	H	M	M	M	M
<b>CO5</b>	M	H	H	M	L	L	L

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER I**  
**CORE COURSE 4- FARM MANAGEMENT**

**Credits: 5**

**Hours: 90**

**Preamble:**

The course enables the students to recognize the new strategy in agriculture and pricing strategy.

**Course Outcome:**

On successful completion of the course, students are able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Recalling the features of agriculture sector and to recognize strategy related to the growth of agriculture sector.	K1
<b>CO2</b>	Identifying the advantages, importance and limitation of traditional and modern agriculture.	K1 & K2
<b>CO3</b>	Analysing the reason for backwardness of agriculture and describe various components of price policy to stabilize agricultural prices.	K3
<b>CO4</b>	Comprehending the role of agricultural finance.	K3 & K4
<b>CO5</b>	Analysing the functions of Agriculture Marketing.	K3 & K4

**UNIT I: Farm Management:**

Farm size - Cropping pattern- major crops in India – Irrigation- Minor irrigation: Well, tube well, watershed irrigation, drip irrigation - Merits and demerits of well and tube well irrigation- Farming methods: Collective farming- Cooperative farming- Mixed farming. **(17hrs)**

## **UNIT II: Land Reforms and Mechanisation**

Meanings of Land Reforms system of land Tenure- Land Reforms Measures- objectives- Causes for the poor achievements and short comings of land reforms in India. Advantages of Mechanisation of Agriculture -Mechanisation of Indian Agriculture - Mechanisation and small Farmers - Appropriate Technology and Mechanisation- Arguments for against Mechanisation.

**(19hrs)**

## **UNIT III: Agricultural Marketing and pricing:**

Concepts and Features of Agricultural marketing in India -Features in Marketing for Agricultural Commodities - Main defects of Agricultural Marketing in India - Function of Regulated markets - co-operative Marketing- Advantages of co-operate marketing societies-Process of co-operative marketing in India-Scope and Improvements.

**(18hrs)**

## **UNIT IV: Community development Programme:**

Rural employment programmes- Rural Development and Modernization of Indian Agriculture - Ingredients of the process of Rural Development - Objectives of Community Development Programme-Implementation of Community Development Programme and National Extension Service-Recent measures of rural development -Ninth plan.

**(19hrs)**

## **UNIT V: Government policies and agricultural development:**

Policies and Measures adopted by the Government-Criticism -Practical Measures undertaken for the development of Agriculture. Seeds-Seeds Bank- Fertilizer and Manners, Fertilizer Pricing: Objectives of Fertilizer Pricing Policy- subsidy on fertilizer- promotional measures for agricultural development during five year plan periods.

**(17hrs)**

**TEXT BOOK:**

1. Dr.S.Sankaran , Margham Publication,T.Nagar,Chennai-17.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	L	H	H	H	L
<b>CO2</b>	H	H	M	H	M	H	M
<b>CO3</b>	H	M	H	H	M	M	L
<b>CO4</b>	M	M	H	H	H	M	M
<b>CO5</b>	H	H	M	H	H	L	L

**H –High**

**M-Medium**

**L-Low**



## **M.A ECONOMICS**

### **SEMESTER I**

#### **ELECTIVE 1 (Optional-1) – BANKING LAW AND PRACTICE**

**Credit: 4**

**Hours: 90**

#### **Preamble:**

This course helps the students to identify the overall functioning and the services offered by the banks for improving the social- economic conditions of various customers in the economy.

#### **Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the broad functions of banking.	K1
<b>CO2</b>	Understanding the working of the RBI.	K1 &K2
<b>CO3</b>	Developing the knowledge of negotiable instruments.	K3
<b>CO4</b>	Developing modern banking services like e-banking, internet banking, mobile banking, etc.	K3 & K4
<b>CO5</b>	Describing relationship between the banker and the customers.	K3 & K4

#### **UNIT I: Banking:**

Meaning- definition- classification of banks- nationalisation of bank- functions and services of commercial banks- types of deposits- types of loans and advances- RBI: constitutions- nationalisation- management- function of RBI.

**(16hrs)**

#### **UNIT II: Banker and Customer:**

Meaning- definition- relationship of banker and customer- general relationship and special relationship- obligations honour cheque- lien- obligation to

maintain secrecy of customer's accounts- right to change compound interest- right to claim incidental changes. (18hrs)

### **UNIT III: Negotiable Instruments:**

Cheque- definition- features- cheque vs. Bills of exchange- material allocation: effects- Marking: meaning- significance crossing: meaning- definition- significance of various forms of crossing- endorsement: meaning- kinds- regularity of endorsement. (18hrs)

### **UNIT IV: Paying Banker:**

Meaning- Precautions before honouring a cheque- Circumstances for dishonour of cheques- statutory protection to a paying banker- Payment in due course- Holder in due course- Rights and Privileges of a holder in due course- Collecting Banker: Meaning- Banker as a holder for value - Conversion- basis of Negligence- Duties of a collecting banker. (19hrs)

### **Unit V: E- Banking:**

Core banking- internet banking- mobile banking- telephone banking- ATM- Cash Deposit Machine- EFT (Electronic Fund Transfer) - RTGS- NEFT- E-Wallet- debit card- credit card - smart card- retail banking- plastic money- E-Commerce: Business models of E-Commerce- Electronic transactions: security, digital signature- digital certificate. (19hrs)

### **TEXT BOOK:**

1. Prof. E. Gordon and Dr. K. Natarajan- banking theory, law and practice, Himalaya publishing house, New Delhi- 2016.

### **REFERENCE BOOKS:**

1. M. Radhaswami and S. V. Vasudeven- Banking Law and Practice & theory of banking, S. Chand & Company Pvt Ltd., New Delhi.

2. S. M. Sundaran, Banking theory law and practice- Sree meenakshi Publications, Karaikudi.
3. P. N. Varshey- banking law and practice- S. Chand and Sons, New Delhi.
4. M. Radhaswamy- practical banking- S. Chand & Sons, New Delhi.

#### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	H	M	L	H	M
<b>CO2</b>	H	M	M	H	H	L	H
<b>CO3</b>	H	M	M	H	M	H	H
<b>CO4</b>	H	M	H	H	H	L	H
<b>CO5</b>	H	M	M	H	M	M	H

**H –High**

**M-Medium**

**L-Low**

## **M.A ECONOMICS**

### **SEMESTER I**

#### **ELECTIVE 1 (Optional-2) – HUMAN RESOURCE MANAGEMENT**

**Credit: 4**

**Hours:90**

#### **Preamble:**

Provides wide knowledge about performance appraisal training and development, collective bargaining and employee welfare.

#### **Course outcomes:**

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

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the scope of HRM familiarising human resource planning and job analysis.	K1
<b>CO2</b>	Investigating and interpret the key producers in recruitment and selection.	K2
<b>CO3</b>	Analysing methods and techniques of training.	K3
<b>CO4</b>	Applying the techniques of human relations.	K4
<b>CO5</b>	Understanding the process of recruitment.	K5

#### **UNIT: I: Nature and Scope of Human Resource management:**

Concept of human resource management- objectives and characteristics of human resource management: objectives of human resource management- functions of resources management-genesis and growth of HRM in India- implements to the progress of HRM-organisation of the human resource development- role and status of human resource manager. **(18hrs)**

#### **UNIT: II: Planning:**

Concept of strategic human resource management- role of strategic human resource management- objectives of human resource planning- need and

importance of human- Resource Planning- problem in human resource planning- objectives of job analysis- the process of job analysis- job description- job specification- approaches to job design- methods of job design. **(19hrs)**

### **UNIT III: Process of Recruitment:**

Meaning of recruitment- considerations in recruitment- recruitment practices in India- meaning of selection- steps selection process- selection interviewing- objectives of induction- concept of placement- advantages of formal induction- induction in Indian industries- concept of induction programme. **(18hrs)**

### **UNIT IV: Training**

Concept of training - need for training- importance of training- types of training- identifying training needs- objectives of training - designing of a training programme- methods and techniques of training. **(16hrs)**

### **UNIT V: Human Relations:**

Meaning of human relations - importance of human relations- approaches to human relations- criticism of human relations- main components of human relations- problem to human relation- techniques of human relations- principles of human relation- concept of stress- causes or sources of stress- consequence of stress- coping with stress- Indian methods of stress management. **(19hrs)**

### **REFERENCE BOOKS:**

1. C.B Gupta- Human Resource Management, Sultan Chand and Sons. Publishers, New Delhi.
2. O.R. Krishnaswami - Human Resource Management ,

# Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	M	M	H	H	H	M
<b>CO2</b>	H	H	H	M	H	M	M
<b>CO3</b>	M	M	M	H	H	M	H
<b>CO4</b>	M	L	L	H	M	H	H
<b>CO5</b>	M	M	L	H	L	H	H

**H –High**

**M-Medium**

**L-Low**

## **M.A ECONOMICS**

### **SEMESTER II**

#### **CORE COURSE 5- ADVANCED MICRO ECONOMIC THEORY- II**

**Credits: 5**

**Hours: 90**

#### **Preamble:**

The course the students to develop an advanced theoretical knowledge of individual behaviour and design making.

#### **Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding basic principles of partial and general equilibrium theory.	K1
<b>CO2</b>	Gaining theoretical knowledge of individual behaviour.	K1 &K2
<b>CO3</b>	Understanding economic issues related to uncertainty and risk in decision making.	K3
<b>CO4</b>	Developing the knowledge of theories of distribution.	K3 & K4
<b>CO5</b>	Critically evaluating the importance of behavioural economics and its influence in constructing the new theories of firms.	K3 & K4

#### **UNIT I: Partial and General Equilibrium:**

Partial and general equilibrium, Walrasian excess demand and input – output approaches to general equilibrium, monopolies: two sector models, relationship between relative commodity and factor prices **(18hrs)**

#### **UNIT II: Consumer, Producer and Market Efficiency:**

Individual behaviour towards risk- expected utility and certainty equivalence approaches- risk and risk aversion – cost and risk-risk pooling and risk

spreading, mean-variance analysis and portfolio selection- Application of consumer surplus, producer surplus and market deficiency. **(19hrs)**

### **UNIT III: Consumer behaviour:**

Decision Making under uncertainty - Optimal consumption under uncertainty - competitive firms under uncertainty - factor demand under uncertainty - criteria for decision under uncertainty - stochastic models in inventory demand. **(18hrs)**

### **UNIT IV: Theory of Distribution:**

Neo- classical approach – Marginal productivity theory; Product exhaustion theorem; Elasticity of technical substitution, technical progress and factor shares; Theory of distribution in imperfect product and factor markets; Macro theories of distribution – Ricardian, Marxian, Kalecki and Kaldor's - elasticity and its application. **(19hrs)**

### **UNIT V: Welfare Economics:**

Pigovian welfare economics - Pareto optimal conditions - Value judgment- Social welfare function - Compensation principle-Theory of Second Best – Arrow's impossibility theorem. **(16hrs)**

### **TEXT BOOKS:**

1. M.L.Jhingan- Micro Economic Theory, Vrindha publications (P) Ltd. 7<sup>th</sup> Edition 2009.

### **REFERENCE BOOKS**

1. Sipru Mukhopadhyay- Micro Economics, Ane books Pvt. Ltd 2012.
2. Sunit Bhaduri- Micro Economics Theory, New central book agency (p) Ltd, 2012.
3. Andley and sundram –Micro Economic Theory
4. M.John Kennedy- Micro Economics, Himalaya Publishing House-2006.



5. Dominick Salvatore- Micro Economics Theory, Tata McGraw- Hill.
6. Dr. R. Rajkumar, Dr. Sita Ram Singh- Micro Credit and Economic Development, Ragal Publications, New Delhi.
7. Sunil Bhaduri- Micro Economics Theory, New Central book Agency, Delhi Kolkata.

#### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	L	M	M	H	L
<b>CO2</b>	H	H	M	M	H	M	M
<b>CO3</b>	H	H	M	M	M	L	L
<b>CO4</b>	H	H	L	M	M	M	M
<b>CO5</b>	M	H	M	H	L	L	M

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER II**  
**CORE COURSE 6- MACRO ECONOMIC THEORY- II**

**Credit: 5**

**Hours: 90**

**Preamble:**

This course deals with various theories at macro level.

**Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the trade off between inflation and unemployment through short run and long run Phillips curve.	K1
<b>CO2</b>	Comprehending the concepts of multiplier.	K2
<b>CO3</b>	Acquiring the knowledge on inflation and deflation.	K3
<b>CO4</b>	Getting knowledge of liquidity theory of money.	K2
<b>CO5</b>	Understand the theoretical of differences between monetarism vs. Keynesianism.	K2

**UNIT-I: Macro Economic policy:**

Objectives of Macro Economic policy - Full Employment - Price stability - Economic growth - Conflicts of trade off in policy objectives - Problem of Coordination of Macro Economic policy objectives -Policies for internal and external balance - The Mundellian model - Criticisms of Mundell's model.  
(19hrs)

**UNIT –II: Inflation:**

Inflation - Meaning- Inflationary Gap - Causes - Effects- Control of Inflation – Demand pull inflation – Cost push Inflation - Deflation - Meaning - Causes - Effects - Control of Deflation -The Phillips curve.  
(16hrs)

### **UNIT –III Liquidity Theory of Money and Fiscal Policy**

Introduction- Radcliffe Committee view-The Gurley-Shaw view - Fiscal Policy: Instrument of Fiscal Policy - Budgetary Fiscal Policy - Contracyclical Fiscal Policy – Compensatory Fiscal Policy – Crowding out and Fiscal Policy – Fiscal Policy in developing Economies. **(18hrs)**

### **UNIT- IV: Multiplier**

Meaning – The Investment multiplier – The dynamic multiplier – Leakages of multipliers – Importance of multiplier – The employment multiplier- Balanced budget multiplier - Foreign trade multiplier – The principle of acceleration – super multiplier. **(19hrs)**

### **UNIT- V: insert Accelerator (Policy implications – Neo classical)**

Introduction – Monetarism vs. Keynesianism – Theoretical differences – policy differences - The new classical Macro Economics – Policy implications of new classical Macro Economics – Empirical evidence. **(18hrs)**

### **REFERENCE BOOK:**

1. M.L. Jhingan- Macro Economic Theory, virinda publications.
2. D.K.Saran- Advanced Macro Economics- centrum press, New Delhi 2014.
3. Michael R.Edgemand- Macro Economic Theory and Policy, Prentice Hall Of India, New Delhi 1985.
4. M.C. Vaish- Macro Economic Theory, Allied Publishers, HYDERABAD, 1987.
5. I.C.Dhingra, V.K.Garg, P.L.Mattoo- Macro Economics Analysis and Policy, Sultan Chand & sons New Delhi, 1990.
6. Sunil Bhaduri, John Cole- An International Text in Micro and Macro Economics, New Central Book Agency.

## Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	H	M	L	H	M
<b>CO2</b>	H	L	M	L	H	L	M
<b>CO3</b>	M	H	H	M	M	H	M
<b>CO4</b>	M	H	L	H	M	H	L
<b>CO5</b>	H	H	M	H	M	H	L

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER II**  
**CORE COURSE 7- LABOUR ECONOMICS**

**Credit: 5**

**Hours:90**

**Preamble**

This Course helps the students to make aware of labour sector, labour market, industrial and human relation.

**Course Outcome:**

On successful completion of the course, students are able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Knowing labour relations and economic system.	K1
<b>CO2</b>	Understanding the structure and potential of labour markets.	K1 &K2
<b>CO3</b>	Acquiring knowledge about the trade union and wages.	K3
<b>CO4</b>	Analysing the wage differentials.	K3 & K4
<b>CO5</b>	Understanding the role of industrial peace and industrial unrest.	K3 & K3

**UNIT I: Introduction:**

Meaning and Significance of labour - Nature & Scope of labour economics – Characteristics of agricultural labour – rural unemployment and under employment – causes- seasonal unemployment - labour problem in developing economy. **(17hrs)**

**UNIT II: Labour in organized sector and unorganized sector:**

Employment of labour in organized sector and unorganized sector –Types– character of Industrial labour in India – migratory character – cause and evils –

effects of migration – concept of unemployment – types – causes – evils of unemployment and its measures. **(18hrs)**

### **UNIT III: Trade union and Wage:**

Definition of trade union need and Objectives – Advantages and Disadvantages of trade union – Functions of trade union – trade union-structure and types of trade union – essential of successful trade union – determinants and difficulties of trade union. **(17hrs)**

### **UNIT IV: Wage differential:**

Types – Causes of differences in wages – wage difference by sex- wages of men and women – occupational wage differences – wage differential in India – a note on equal pay for equal work – various incentive system of payment – its merits and demerits – bonus systems and examples – concept of minimum, fair and living wages – minimum wage – need and importance – efficiency of labour productivity – determinants of labour productivity. **(20hrs)**

### **UNIT V: Industrial peace and industrial Unrest:**

Meaning – causes of industrial dispute – consequences – methods for prevention of industrial dispute – Objectives of employee's participation in management – concept of industrial relation – factor determining industrial relation – essential of industrial relation **(18hrs)**

### **TEXT BOOKS:**

1. T.N.Bhagoliwal – Economics of labour and social welfare, Sahitya Sadar, Agra.

### **REFERENCE BOOKS:**

1. R.C.Saxena - Labour problems and social welfare, Jai prakash Nath, Meerut.
2. B.P Tyagi - Labour problems in India, S.Chand & Co , New Delhi

3. B.N.Dutt -Labour Economics, Allied Publishers
4. S.C Pant -Indian Labour Problem, Chaitanya publishing house, Allahabad.
5. George Obrien – Labour organization (Mathuen)

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	M	M	H	H	M	H
<b>CO2</b>	H	M	H	H	M	M	H
<b>CO3</b>	H	M	H	M	H	M	L
<b>CO4</b>	H	H	M	H	M	H	M
<b>CO5</b>	H	M	H	H	M	L	H

**H –High**

**M-Medium**

**L-Low**

## **M.A ECONOMICS**

### **SEMESTER II**

#### **CORE COURSE 8- STATISTICS FOR ECONOMIC ANALYSIS- II**

**Credit: 5**

**Hours: 90**

#### **Preamble:**

This course enables the students to acquire knowledge of theories of estimation and various methods for hypothesis testing.

#### **Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Applying various sources of data collection.	K1
<b>CO2</b>	Describing the concepts of estimation and hypothesis testing.	K1 & K2
<b>CO3</b>	Improving the analytical skill of measuring, scaling techniques.	K3
<b>CO4</b>	Gaining knowledge about the vital statistics.	K3 & K4
<b>CO5</b>	Understand the multivariate analysis techniques.	K2 & K3

#### **UNIT I: Collection of data**

Primary data: Tools- observation, schedule, questionnaire, projective technique- principles underlying construction of a questionnaire- preparation of master table- data processing- analytical tables.

Access of E data and sources: NSSO, CSO, Economic survey, Seasons and Crop report, Agricultural census, Livestock census, Annual survey of Industries, RBI reports, WTO, Ministry of finance. **(19hrs)**



## **UNIT II: Sampling Theory and Test of Significance:**

Introduction – Estimation – Hypothesis –Sampling error- Standard Error – Probable error– one tailed and two tailed tests – Chi-Square test – uses  $\chi^2$  - Test of Goodness of Fit - F-test –Z test . **(16hrs)**

## **UNIT III: Analysis of Variance and Covariance:**

Analysis of variance- basic principles of ANOVA- ANOVA technique- setting up analysis of variance table- short cut method for one way ANOVA- coding method. **(17hrs)**

## **UNIT IV: Multivariate Analysis Techniques:**

Growth of multivariate techniques- characteristics and applications- classification of multivariate techniques- variables in multivariate analysis- important multivariate techniques- rotation in factor analysis- R- type and Q- type factor analysis- cluster analysis- path analysis. **(19hrs)**

## **UNIT V: Vital Statistics:**

Definition- uses of vital statistics- methods of obtaining vital statistics- measurement of fertility- reproduction rate- measurement of mortality- life tables and its uses. **(19hrs)**

## **REFERENCE BOOKS:**

1. S.P. Gupta- Statistical Methods, Sultan Chand & Sons, New Delhi.
2. R.S.N. Pillai and Bagavathi - Statistics, S. Chand & Company Pvt. Ltd, New Delhi.
3. Dr.M.Manoharan- Statistical Methods theory and Practice- Palani paramount Publications, Palani.
4. Anderson, Sweeney, Williams- Statistics for Business and Economics, Cengage Learning India Private Ltd, New Delhi.

5. Arumugam ISAAC- Statistical Theory and Practices, New Gamma Publishing House, Palayamkottai.

### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	M	H	H	M	H	L
<b>CO2</b>	M	M	H	H	M	M	M
<b>CO3</b>	M	H	H	H	L	M	M
<b>CO4</b>	H	M	H	H	M	H	L
<b>CO5</b>	H	M	H	H	L	L	M

**H –High**

**M-Medium**

**L-Low**

## **M.A ECONOMICS**

### **SEMESTER II**

#### **ELECTIVE- 2- (Optional-1) ENTREPRENEURSHIP DEVELOPMENT**

**Credit: 4**

**Hours: 90**

#### **Preamble:**

The course provides opportunity to the students to develop entrepreneurial skills.

#### **Course outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding importance and characteristics of entrepreneur.	K1
<b>CO2</b>	Analysing the source of business idea.	K2
<b>CO3</b>	Motivating women entrepreneur in the present scenario of the economy.	K3
<b>CO4</b>	Familiarising the objective of training and finance.	K4
<b>CO5</b>	Understand the types of rural entrepreneurship.	K5

#### **UNIT I: Introduction:**

Evolution of entrepreneurship- concept and importance of entrepreneurship- features of entrepreneurship- types of entrepreneur- function of an entrepreneur- problem of women entrepreneur. **(18hrs)**

#### **UNIT II: Rural entrepreneurship:**

Rural entrepreneurship- types of rural entrepreneurship- need for rural entrepreneurship- entrepreneurial development programme- problem in the entrepreneurship - entrepreneurial analysis- innovation and entrepreneur- entrepreneurial behaviour and motivation- role of entrepreneur in export promotion import substitution. **(19hrs)**

### **UNIT III: Managerial Decision Making:**

Concept of decision making- types of decision- group decision making techniques- creativity in decision making- causes of poor decision making- approach to decision analysis- sensitivity analysis- decision making styles and systems- individual inverter decision making. **(18hrs)**

### **Unit IV: Financial Analysis:**

The financial analysis- an input in financial approval ratio analysis- investment process- social cost analysis and benefit analysis- budget and premise process- applicability of the factories act- source of development finance. **(18hrs)**

### **Unit V: Entrepreneurial Training**

Training –importance - objectives-Specialised institutions for entrepreneurial training –Methods of training- Small Scale Industries and entrepreneurship relevant act. **(17hrs)**

### **TEXT BOOK:**

1. Renu Arora & S.K. Sood - Entrepreneurial development, Kalyani Publishers, New Delhi.

### **REFERENCE BOOKS:**

1. Vasant Desai - Dynamic of entrepreneurial development and management,
2. C.B.Gupta - Entrepreneurial Development,
3. Vasant Desai – Small scale industries and Entrepreneurship, Himalaya Publishing house, New Delhi 2005.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	H	H	H	M	H
<b>CO2</b>	H	H	M	H	H	L	H
<b>CO3</b>	M	M	H	H	H	M	H
<b>CO4</b>	M	L	L	H	H	L	M
<b>CO5</b>	L	L	L	H	H	M	M

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER II**  
**ELECTIVE- 2- (Optional-2) COMPUTER APPLICATIONS FOR**  
**ECONOMICS**

**Credit: 4**

**Hours: 90**

**Preamble:**

This course imparts the knowledge of computers have emerged as the pivotal instruments of economic analysis, research and forecasting.

**Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Developing knowledge on computer with language and operating packages.	K3
<b>CO2</b>	Estimating the parameters of data analysis and interpret it.	K1 &K2
<b>CO3</b>	Understanding the basic knowledge of SPSS.	K1
<b>CO4</b>	Knowing the basic concept of data processing, data structure and data base management.	K2 & K3
<b>CO5</b>	Knowing basic features of internet.	K2 & K3

**UNIT I: Introduction**

Introduction to computer- importance of computers- history of computers- configuration of a computer- hardware and software- programming language- source programme- object programme- interpret. **(18hrs)**

**UNIT II: Data processing:**

Concepts- kinds- objectives- data structure: kinds, file organisation, file maintenance- data base, management DBMS models- hierarchical network- relational data warehouse- data mining. **(18hrs)**

### **UNIT III: Management information system:**

Features- steps in implementation of MIS- need for information- information system for decision making. **(16hrs)**

### **UNIT IV: SPSS Window Processes (practical):**

Menu bar, file menu, edit menu, view menu, data menu, transform menu, analyse menu, graphs menu, utilities menu, add- one's menu, window menu and help menu- statistical processing techniques and methods - summarising and analysis of data descriptive statistics: Calculation of mean, correlation and regressing analysis, estimation of growth rate- an overview of techniques used in research- uni-variate, bio- variate and multi- variate analysis: trends forecasting. **(19hrs)**

### **UNIT V: An introduction to internet:**

Evolution- important features- setting up an internet connection- configuring a TCP/ IP (Transmission control protocol internet protocol) - starting internet- uses- e-mails- components- network connection- structure of local area network- wide area network. **(19hrs)**

### **REFERENCE BOOK:**

1. R. Parameswaran- computer applications in Business, S. Chand & Company Ltd, New Delhi, 1996.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	M	H	H	L	L	M
<b>CO2</b>	M	M	H	H	M	L	M
<b>CO3</b>	L	L	M	H	M	H	L
<b>CO4</b>	H	M	H	H	H	M	M
<b>CO5</b>	M	M	M	H	H	L	H

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER III**  
**CORE COURSE 9- INTERNATIONAL ECONOMICS**

**Credit: 5**

**Hours:90**

**Preamble:**

This paper familiarises theories of international trade with enhances the knowledge of EXIM Policies.

**Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Familiarising the theories of international trade.	K1
<b>CO2</b>	Critically evaluating the financial globalisation and its impact on international relations.	K2
<b>CO3</b>	Identifying the global financial institutions.	K3
<b>CO4</b>	Knowing the world trade agreements and organisation.	K3& K4
<b>CO5</b>	Familiarising the commercial policies for economic development and foreign aid.	K4

**UNIT I: Introduction and Classical theory of international trade:**

Nature of theory of international economics - features of international trade- difference between internal and international trade - arguments against international trade.

Adam Smith and David Ricardo - cost advantages theories- criticism of Adam smith theory- Ricardo theory of cost- assumptions of the theory. **(19hrs)**

## **UNIT II: Foreign Trade and Economic Development:**

Introduction- Importance of foreign trade - Commercial Policy for economic development- Foreign Aid in economic development: Types of foreign Aid- Role of foreign Aid in economic development- Tied vs Untied – factors determining the amount of foreign Aid for economic development- Export instability and international commodity agreements. **(18hrs)**

## **UNIT III: Modern theory of international Trade:**

Heckscher Ohlin theory - J.S Mill: The theory of reciprocal demand and offer curves- Haberler's opportunity cost theory- Leontief Paradox: Factor price equalisation and factor reversals. **(17hrs)**

## **Unit IV: World Trade Organisation (WTO):**

Trade agreements: Early theory- imperial preference and Ottawa Agreement- General Agreement on Trade and Tariffs (GATT): Evaluation of GATT- Objectives of GATT- Provisions of GATT- Defects of GATT- World Trade Organisation (WTO): Objectives of WTO – Functions of WTO-Uruguay round and WTO – Negotiations of GATT and WTO- UNCTAD. **(17hrs)**

## **Unit V: International financial institutions:**

International monetary fund (IMF) - origin of IMF- objectives of the fund- functions of the fund- organisation and structure of the fund- working of the fund.

World bank: Functions, membership, organisation, capital- structure, funding strategy- bank borrowings- bank lending activities, other activities- critical appraisal- International Development Association (IDA)- International Finance Corporation (IFC)- multinational investment guarantee agency (MIGA) - international debt- problem- debt crises- measure to solve the debt crisis.

**(19hrs)**



**REFERENCE BOOK:**

1. Dr. S. Sankaran International Economics Margham Publishers, Chennai.
2. M.L Jhingan - International Economics- Virunda Publishers, Pvt. Ltd. Delhi.

**Mapping**

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	M	M	M	H	L
<b>CO2</b>	H	H	H	M	H	M	M
<b>CO3</b>	M	M	L	H	H	M	M
<b>CO4</b>	L	L	M	M	H	H	M
<b>CO5</b>	H	M	H	M	M	L	L

**H –High****M-Medium****L-Low**

**M.A ECONOMICS**  
**SEMESTER III**  
**CORE COURSE 10- FISCAL ECONOMICS**

**Credit: 5**

**Hours: 90**

**Preamble:**

This paper imparts of the Knowledge of fiscal policies and allocation of fiscal resources.

**Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the theoretical aspects of fiscal economics and its applications.	K1
<b>CO2</b>	Analysing the efficient allocation of public goods.	K3
<b>CO3</b>	analysing the fiscal policies and its implication in Indian economy.	K3
<b>CO4</b>	Understanding the theoretical basis of allocation public expenditure.	K2& K3
<b>CO5</b>	Developing knowledge of fiscal deficit and techniques	K4

**UNIT I: Fiscal Administration and functions:**

Scope of Fiscal Economics - allocation- distribution and stabilization- theory of social goods- characteristics features of pure public goods- externalities.

**(17hrs)**

**UNIT II: Public Expenditure:**

Nature and Growth of public expenditure- reasons for growth of public expenditure- Wagner's peacock Wisemen and Colin Clark hypothesis- pure

theory of public expenditure: Pigou, Lindahl, Samuelson, Musgrave-  
evaluation of public expenditure - theory of cost benefit analysis. **(18hrs)**

### **UNIT III: Taxation:**

Objectives of taxation in a developing economy- structure of taxation-  
Williamson- Heinrich- Musgrave- principle of fiscal neutrality and excess  
burden- the modern theory of incidence, factors affecting incidence of  
taxation- Musgrave's views on incidence - Canons of taxation and its  
application. **(19hrs)**

### **UNIT IV: Public Debt:**

The classical, Keynesian and post- Keynesian views on public debt-  
management- burden- redemption of public debt- growth of public debt in  
India- deficit financing: meaning- effects, role of deficit financing in a  
developing economy- deficit budgeting- fiscal deficits and techniques to  
contain fiscal deficit. **(19hrs)**

### **UNIT V: Fiscal Policy:**

Fiscal policy: objectives- tools and techniques- its role in developed and  
developing countries- federal finance in India- recommendations of the current  
finance commission- local finance in India. **(17hrs)**

### **TEXT BOOK:**

1. B.P. Tyagi- Public finance, Jai Prakash Nath and co, Meerut, 2005.

### **REFERENCE BOOK:**

1. S. Sankaran- fiscal economics, Margham publications, Chennai, 2001.
2. R.K. Lekhi- public finance, Kalyani Publishers, New Delhi, 2003.
3. Andley and Sundharam- public finance, Ratan prakashan Mandir  
educational and university Publishers, Agra- 1995.

4. R.Parameswaran - principles of taxation, Prasanna Publications, Chennai, 2005.
5. Mankar and Sarma- public finance theory & practice, Himalaya Publishing house.

#### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	H	M	M	H	L
<b>CO2</b>	H	M	M	H	M	M	M
<b>CO3</b>	M	H	M	L	L	M	M
<b>CO4</b>	M	H	M	M	M	L	L
<b>CO5</b>	L	M	H	M	L	M	M

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER III**  
**CORE COURSE 11- MATHEMATICAL METHODS FOR ECONOMIC**  
**ANALYSIS**

**Credit: 5**

**Hours:90**

**Preamble:**

To develop quantitative skills for analysing economic situation.

**Course outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Acquiring the basic concepts of Mathematical analysis.	K1
<b>CO2</b>	Describing various types of functions, motives and derivatives.	K2
<b>CO3</b>	Understanding the various Mathematical techniques in Economics.	K1
<b>CO4</b>	Analysing the various Economic Models.	K3& K4
<b>CO5</b>	Understanding the practical knowledge about the Economic Models.	K2 & K4

**UNIT –I: Integral Calculus:**

Meaning- some Basic Rules of Integration- Definition of Integration- Area between Two curves- Cost Function- Revenue Functions- Capital formation- Interest Rate- Consumer's Surplus- Producer's Surplus. **(18hrs)**

**UNIT –II: Application of Mathematics in Economics**

Production function- Iso-quants- Equilibrium of the firms- market Equilibrium- Equilibrium of the two separate markets- Homogeneous function- Cobb- Douglas production function- CES Production function. **(18hrs)**

### **UNIT –III: Optimization:**

Geometrical meaning of derivative - Increasing and Decreasing Function- Criteria for maxima and minima- Applications. (17hrs)

### **UNIT –IV: Linear Production Models in Economics:**

Deterministic and optimizing model- The Labour Theory of Value- Interest, wage, cost and prices. (17hrs)

### **UNIT – V: Matrix and application**

Meaning of Economic Model- National Income Analysis- National Income Models using Cramer's rule- Inverse Method or Matrix Method- Multiplier and Accelerator Interaction- Super Multiplier- Mathematical form of Domar Model. (20hrs)

### **REFERENCE BOOKS:**

1. D. Bose- Mathematical Economics, Himalaya publishing House. Mumbai.
2. V. Sunderesan and S.D. Jeyaselva - Business Mathematics- S.Chand & Company Pvt Ltd, New Delhi.
3. Mathematical Methods for Economic Analysis- Badal Mukherji v. Pandit, Allied publishers Ltd, New Delhi.
4. R. Dr.N.S.Bala Subramanian, Dr.N.Srinivasan- Mathematical Methods, Meenakshi Pathippagam Devakottai -630 302.
5. Dr.C.Sancheti, V.K.Kapoor-Business Mathematics, Sultan Chand and sons, Educational Publishers New DELHI.
6. G.D.Allen-Mathemetical analysis for Economics first publishes in the united kingdom, London 1986.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	M	M	L	M	L
<b>CO2</b>	H	M	L	H	M	H	H
<b>CO3</b>	M	L	H	M	L	H	M
<b>CO4</b>	H	H	M	L	H	M	M
<b>CO5</b>	L	M	M	H	M	L	L

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER III**  
**CORE COURSE 12- RESEARCH METHODOLOGY**

**Credit: 5**

**Hours: 90**

**Preamble:**

This course imparts the knowledge of basic concepts of research and its methodologies.

**Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding basic concept of research.	K1
<b>CO2</b>	Understanding the analytical tools and data processing.	K2
<b>CO3</b>	Formulating scientific research.	K3
<b>CO4</b>	Familiarising the procedure of hypothesis testing.	K3& K4
<b>CO5</b>	Developing knowledge of interpretation and layout of report writing.	K4

**UNIT I: Research Methodology:**

Research- meaning- objectives- types and significance- qualities of good research- research process- a case studies. **(16hrs)**

**UNIT II: Research Design:**

Meaning- need for research design- features- important concepts relating to research design- different research- basic principles of experimental designs- developing a research plan. **(17hrs)**

**UNIT III: Hypothesis and Scaling Techniques:**

Hypothesis- meaning- sources- types formulation of research design- Measurement: meaning- scaling techniques: meanings- types of scales- scale

construction techniques- pre-test and pilot study - establishing reliability and validity. **(19hrs)**

#### **UNIT IV: Testing Of Hypothesis:**

Meaning- basic concept- procedure of hypothesis testing- flow diagram for hypothesis testing- tests of hypothesis- important parametric test- hypothesis testing of means- hypothesis testing of proportions- limitations of the tests of hypothesis. **(19hrs)**

#### **UNIT V: INTERPRETATION AND REPORT WRITING:**

Meaning of interpretation- technique and precaution in interpretation- significance of report writing- difference steps in writing report- layout of the research report- types of reports- oral presentation. **(19hrs)**

#### **Reference Book:**

1. Dhanulingam - Research Methodology
2. P.Ravilochanan – Research Methodology, Margham Publications, Chennai -600017.
3. R.Jeyaprakash Reddy –Research Methodology, A.P.H Publishing Corporation, New Delhi.
4. C.R.Kothari- Research Methodology, New Age international (p) Limited, Publishers, New Delhi, 2008.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	M	H	H	M	L
<b>CO2</b>	H	M	H	M	H	L	M
<b>CO3</b>	M	H	M	H	M	L	M
<b>CO4</b>	L	H	M	H	M	H	M
<b>CO5</b>	M	H	H	L	M	M	M

**H –High      M-Medium      L-Low**



## **M.A ECONOMICS**

### **SEMESTER III**

#### **ELECTIVE 3-(Optional- 1) ENVIRONMENTAL ECONOMICS**

**Credit: 4**

**Hours:90**

#### **Preamble:**

This course familiarize with issues related to the environment and they try to find innovative ideas to overcome the problems.

#### **Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Comprehending the role is environment in the economic development.	K1
<b>CO2</b>	Classifying the resources on renewable and non – renewable resources.	K2
<b>CO3</b>	Describing the importance of environmental quality and its maintenance.	K3 & K4
<b>CO4</b>	Knowing the impart of global warming.	K4
<b>CO5</b>	Implementing various policies regarding nature protection.	K4

#### **UNIT I: Environmental Economics**

Definition- Role of environmental economics- Scope and significance environmental economics - Environmental segments- ecology and eco system - organisation , Structure and dynamics of eco system-Productivity and energy flow-Energy flow-Food chain-Food web-Tropic levels and Ecological pyramids- Energy flow chart- Renewable and non renewable sources of energy. **(19hrs)**

#### **UNIT II: Environment and the Economy:**

Definition of environment-Relationship between environment and economic system- material balance model-Energy flow and conservation- Environment

as a resource - Services of the environment- Limited assimilative capacity of the environment-Environmental quality (18hrs)

### **UNIT III: Global warming & green house effect:**

Global Warming: Meaning- Depletion of Ozone- impact of global Warming- Green house effect: Meanings- Factors contributing green house effect.(17hrs)

### **UNIT IV: Pollution and Pollution tax**

Spill over's - Water pollution: Meaning and Definition of water pollution- factors contributing to water pollution-Control measures -Air Pollution: Source of air pollution and their effects- Control measures- Noise pollution-Recycling – Recycling and Pollution tax. (18hrs)

### **UNIT V: Sustainable development**

Sustainable food and water security – Policies and technologies for sustainable food security – integrated farming system–Food insecurity Atlas of rural India –Linking food and Ecological security– water security – competing demand water and conservation– biotechnology and water security. (18hrs)

### **REFERENCE BOOK:**

1. S.Sankaran- Environmental Economics, Margham Publications, Chennai -2004

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	H	M	M	H	M	M
<b>CO2</b>	M	M	H	H	L	L	L
<b>CO3</b>	H	M	M	H	H	L	M
<b>CO4</b>	M	M	M	H	M	L	M
<b>CO5</b>	H	M	H	M	L	L	M

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER III**  
**ELECTIVE 3-(Optional- 2) ECONOMICS OF SMALL AND MEDIUM**  
**SCALE INDUSTRIES**

**Credit: 4**

**Hours: 90**

**Preamble:**

This course imparts the knowledge of small and medium scale industries, industrial sickness and micro credit.

**Course Outcome:**

On the successful completion of the course students will be able to.

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the concepts of small & medium scale industries.	K1
<b>CO2</b>	Developing knowledge of rural and cottage industries	K1& K2
<b>CO3</b>	Comprehending E Marketing and tax benefit.	K3
<b>CO4</b>	Analysing prospects of Small Scale industries	K4
<b>CO5</b>	Discovering industrial sickness and micro credit agencies	K3

**UNIT I: Concept of small scale industry:**

Introduction- meaning of small manufacturing sector composition- evolution of the small scale industries- definition of small industry- clarification to industrial policy for small sector- characteristic of small scale industries- role of small scale industries. **(18hrs)**

**UNIT II: Rural and cottage Industries:**

Introduction- benefit of rural industrialisation- Khadi village industries- ancillary industries- organisation structure of small scale industries- ownership pattern in small scale industries- SHG: Role of SHG. **(18hrs)**

### **UNIT III: Small Scale Industries and E - Marketing**

Export potentials of Small Scale Industries- components of Exports- Prospects of exports- Export promotion measures - taxation benefit: Introduction-taxation support for small scale sectors- marketing mechanism in small scale industries. (18hrs)

### **UNIT IV: Scope and prospects of Small Scale Industries:**

Prospects for small scale industries: Introduction in perspective- inappropriate support- Follow Economics of scale- Prospects in 21<sup>st</sup> century. (17hrs)

### **UNIT V: Industrial Sickness and Micro Credit:**

Small Scale in India - An overview production - generation of employment- industry group wise- state wise employment distribution- export- opportunity- symptoms for detecting sickness in small scale industries- frequent operation statements- operations of accounts- term loans- bill function- guiding factors for signal from conduct of accounts- financial statements- Causes of Sickness In Small Scale Industries- Micro Credit: MUDRA, Cooperative societies, District Industrial Corporation. (19hrs)

### **TEXT BOOK:**

1. Vasant Desai-Small scale industries and entrepreneurship- Himalaya publishing thesis- New Delhi.

### **REFERENCE BOOK:**

1. Madhurima Lall Shika Sahai- entrepreneurship- excel books- New Delhi.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	M	H	M	M	L	M
<b>CO2</b>	M	H	M	H	M	M	H
<b>CO3</b>	H	H	H	M	M	L	M
<b>CO4</b>	M	H	M	H	H	M	M
<b>CO5</b>	L	L	M	H	M	H	M

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER IV**  
**CORE COURSE13- ECONOMICS OF DEVELOPMENT AND**  
**GROWTH**

**Credit: 5**

**Hours: 90**

**Preamble:**

This course develops the knowledge of growth and development models, policies and its obstacles.

**Course outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Developing the concepts of economic growth and development.	K1
<b>CO2</b>	Knowing various economic growth models.	K1& K2
<b>CO3</b>	Familiarising the policies in economic development.	K3
<b>CO4</b>	Analyzing the obstacles to economic development.	K4
<b>CO5</b>	Describing the theories of development.	K2

**UNIT I: Economic Growth and Development:**

Definition of economic development- factors affecting economic growth and development- characteristics of modern economic growth- Meaning- growth of infrastructure during the planning period- recent measures to develop infrastructure- Energy- classification of energy- power and economic development- Communications- postal system in India- international mails- financial services- telecommunications- social overheads- Transport. **(19hrs)**

**UNIT II: Economic Growth Models:**

Growth models- Harrod-Domar Model- Kaldor Model of distribution and Pasinetti Model, Solow model, Joan Robin Son's Model- model of technical change. **(18hrs)**

### **UNIT III: Theories of Development:**

Classical theory of development- contributions of Adam Smith, Ricardo, Mills theory, Malthusian and development of capitalist economy- Schumpeter's analysis and underdeveloped countries. **(19hrs)**

### **UNIT IV: Obstacles to Economic Development:**

Vicious circle of poverty- low rate of capital formation-social-cultural constraints - agricultural constraints-human resource constraints. Development and under development – Poverty –relative measures development and development gap- inequality of income – human development index and indices of development and quality of life. **(18hrs)**

### **UNIT V: Economic Development Policies:**

Employment Policies – Financial policies –Trade policies. **(16hrs)**

### **REFERENCE BOOK:**

1. M. L. Jhingan - The economics of development and planning, Konark Publishers pvt Ltd, Delhi.
2. O. S. Shrivastava - Economics of growth, development and planning, Vikas Publishing house Pvt. Ltd, New Delhi.
3. Gaurav Datt Ashwani Mahajan- Indian economy- S. Chand and company limited, New Delhi.
4. S. Sankaran - Indian economy, Margham Publications, Chennai.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	M	M	H	M	L	M
<b>CO2</b>	M	H	M	M	H	H	L
<b>CO3</b>	M	H	H	H	M	M	H
<b>CO4</b>	H	H	M	L	H	M	M
<b>CO5</b>	H	M	H	M	H	H	L

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER IV**  
**CORE COURSE14- MARKETING MANAGEMENT**

**Credit: 5**

**Hours:90**

**Preamble:**

This course imparts the knowledge of marketing environment.

**Course Outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Demonstrating the conceptual knowledge of marketing management.	K3
<b>CO2</b>	Understanding the market strategies and effective control system.	K1
<b>CO3</b>	Knowing the competitive marketing strategies.	K1
<b>CO4</b>	Developing the knowledge of promotion mix and sales promotion.	K3
<b>CO5</b>	Comprehending agricultural marketing products, online marketing and digital marketing.	K3

**UNIT I: Marketing:**

Definition of marketing- classification of marketing- functions of marketing- objectives- importance of marketing- marketing and economic development- marketing environment- marketing management- consumer behaviour- Types of Market. **(19hrs)**

**UNIT II: Distribution:**

Channels of distribution- needs, function, types, evaluating the channel alternatives- physical distribution: objectives, order processing, transport, storage and warehouse, inventory control. **(18hrs)**

### **UNIT III: Marketing Promotional measures:**

Meaning of promotion mix- objectives- kinds- factors affecting promotion mix- advertising: meaning- objectives- kinds- significance- advertisement budgeting- sales promotion- personal selling and publicity. **(18hrs)**

### **UNIT IV: Competitive Marketing Strategies:**

Leaders- challengers- followers- Nichers- Marketing Control: Meaning- need- phases of control- importance- characteristics of an effective control system- techniques. **(16hrs)**

### **UNIT V: Agricultural Marketing:**

Types of agriculture markets- marketing of agricultural products- defects- online marketing: meaning- importance- kinds- advantages, disadvantages- Green Marketing: meanings- importance- problems of green marketing- digital marketing: meaning- merits and demerits. **(19hrs)**

### **TEXT BOOK:**

1. Dr. C.B.Gupta & Dr.N.Rajannair- Marketing Management- Sultan Chand & sons, New Delhi- 2006
2. P.K.Srivastava- Marketing Management in a developing economy, Sterling Publishers Private Ltd.
3. Marketing management- R.S.N Pillai and Bagavathi, S.Chand& Co- New Delhi.
4. J.Jeyasankar - Marketing, Margham Publications, Chennai.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	H	M	M	M	L	M
<b>CO2</b>	H	M	H	M	H	M	M
<b>CO3</b>	M	M	M	H	H	L	H
<b>CO4</b>	H	H	M	L	L	M	H
<b>CO5</b>	M	H	H	M	M	L	M

**H –High**

**M-Medium**

**L-Low**



**M.A ECONOMICS**  
**SEMESTER IV**  
**ELECTIVE 4- (Optional -1) ECONOMICS FOR COMPETITIVE**  
**EXAMINATIONS**

**Credit: 4**

**Hours:90**

**Preamble:**

This course imparts the knowledge to appear various competitive examinations.

**Course outcome:**

On the successful completion of the course, students will be able to

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the micro economic concepts, laws and theories.	K1
<b>CO2</b>	Gaining knowledge of theories of production.	K3
<b>CO3</b>	Acquiring knowledge of macroeconomic concepts.	K2
<b>CO4</b>	Knowing the functions of central bank.	K2
<b>CO5</b>	Analysing the principles of Taxation	K3

**UNIT I: Micro Economics:**

Theories of micro economics- cardinal and ordinal approaches- revealed preference theory- Hicks revision of demand theory- modern utility, Analysis of choice involving risks and uncertainties. **(18hrs)**

**UNIT II: Production Function:**

Linear, Homogeneous, Cobb -Doggles and C.E.S production function- Long run cost curves and Short run cost curves- Market structure- factor price and factor market. **(18hrs)**

### **UNIT III: Macro Economics:**

National income and social accounting- consumption function and its modern developments- theories of income and employment- keynesion theory of employment- post keynesion developments- secular stagnation- real balance effect- theories of business cycles. **(18hrs)**

### **UNIT IV: Banking and Trade**

Central Bank and its Function-Money supply in India- international monetary system- tariffs and quotas and their effects- EEC and regional arrangement by the developing countries. **(17hrs)**

### **UNIT V: Fiscal Economics:**

Nature and scope and importance- principles of taxation- types of taxes- shifting and incidence of taxation- budget in India- categories of revenue to government- economic planning in India- Agricultural development programmes- agricultural inputs and marketing of agricultural output. **(19hrs)**

### **REFERENCE BOOK:**

1. Indian economy- Dr. V. Radha, Prasanna publishers& distributors, Chennai.
2. M.L.Seth –Money, Banking, International Trade and public finance, Lakshmi Narain Agarwal Educational Published Agra-282002.
3. K.P.M.Sundharam- Money, Banking , International Trade, sultan Chand and sons,, New Delhi-110002
4. R.Cauvery, V.K Sudhanayak, M.Girija, N.Kruparani, R. Meenakshi- Micro Economics theory, S.Chand& Company Ltd, Ram Nagar, New Delhi.

5. R.Cauvery, V.K Sudhanayak, M.Girija, N.Kruparani, R. Meenakshi-  
Macro Economics, S.Chand& Company Ltd, Ram Nagar, New Delhi.

Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	H	M	L	H	M	M	H
<b>CO2</b>	M	H	H	H	M	H	H
<b>CO3</b>	M	H	L	M	H	M	M
<b>CO4</b>	H	M	H	M	H	H	M
<b>CO5</b>	H	H	M	L	M	H	M

**H –High**

**M-Medium**

**L-Low**

**M.A ECONOMICS**  
**SEMESTER IV**  
**ELECTIVE 4 (Optional-2) - WOMEN STUDIES**

**Credit: 4**

**Hours: 90**

**Preamble:**

This course imparts the knowledge to develop the attitude and ability to preserve the concept of gender equality in the society.

**Course Outcome:**

<b>CO Number</b>	<b>Description of COs</b>	<b>Cognitive level</b>
<b>CO1</b>	Understanding the concept of feminism and humanities.	K1
<b>CO2</b>	Creating awareness about tools used in empowerment of women.	K2
<b>CO3</b>	Enhancing the capabilities of women.	K3
<b>CO4</b>	Developing knowledge of women in panchayatraj.	K3
<b>CO5</b>	Demonstrating the political leadership and women.	K4

**UNIT I: Fundamental concept of women studies:**

Theories and autonomy- Academic discipline of women's studies: origins-discipline, Interdiscipline of Academic Discipline of women's studies - feminism and humanities- Values knowing and method in feminist social science. **(18hrs)**

**UNIT II: Empowerment of Rural Women:**

Introduction- chronic hunger and the status of women in India- women are in poor health- maternal mortality- impact of pollution on women- the invisibility of women's work- women are unskilled- child marriage- dowries- changing

status of women in independent India- some of the constitutional safeguards- why women rights are needed- promoting awareness- education health care.

**(18hrs)**

### **UNIT III: Education, Economic and Health Issues:**

History of women education-importance - obstacles - work force participation  
Introduction- Land and property rights- Crimes against Women- Women and Rural Development- Economic Empowerment of Women: Co-operative Farming, Vocational Training and Business development- Women's participation at Grassroots level-Problems of women Empowerment- steps taken by the government to empowerment of women.

**(17hrs)**

### **UNIT IV: Women and Empowerment:**

Empowerment women of women- XIth plan –Legislations and Law for Women: Objectives - inclusive and integrated policy and strategy for economic, social and political empowerment of women- Interlinking women and economy: Problems and issues- economy growth, poverty and gender inequity – recommendations of strengthening women's agricultural capacities- recommendations for women in the unorganised sector- self-help groups and women's empowerment.

**(19hrs)**

### **Unit V: Women and Political Leadership:**

Women in Panchayat Raj- Concepts of leadership- Women in leadership- Characteristics of women leaders- outcome of women's leadership- Women in Power- Women ways to Political power- Activism for Representation in Politics- Innovation to Empower Women in Politics- Political Empowerment of Women- Obstacles to Women Empowerment - role of education in empowering women.

**(18hrs)**

## REFERENCE BOOKS:

1. S.P.Tyagi-theoretical approach to women studies, sublime publication, Jaipur.
2. M.K.Saxena- the empowerment of rural women', Alfa publication, New Delhi.
3. Alka Saxena- Women and Political Leadership, Altar Publishing House, New Delhi, 2011.
4. A.K.Gupta- Empowering Women, Abhishek Publications, Chandigarh, 2002.
5. Narendra shukla, Mukesh Chansoria- Women Entrepreneurship, Pointer Publishers, jaipur, 2011.
6. Prem Lata Sharma- Rural Women In Education, Sterling Publishers Private Limited, 1988.
7. Brijesh Kumar- Womens Self- Help Groups, Astha Publishers& Distributers, New Delhi, 2014.

### Mapping

<b>PO/CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>
<b>CO1</b>	M	M	M	M	M	L	H
<b>CO2</b>	H	H	H	M	H	M	M
<b>CO3</b>	L	M	L	H	H	L	H
<b>CO4</b>	H	H	M	L	L	M	M
<b>CO5</b>	H	H	L	M	M	L	H

**H –High      M-Medium      L-Low**

**M.A ECONOMICS**  
**SEMESTER IV**  
**ELECTIVE 4 - PROJECT**

**Credit: 4**

**Hours: 180**

# **PROJECT**