

# **DEPARTMENT OF ECONOMICS**

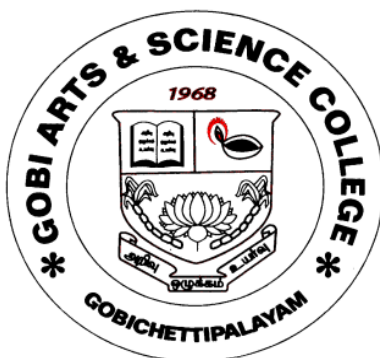
**M.A. (ECONOMICS)**

**(Students admitted during 2019-2020 Onwards)**

**(Under CBCS with Outcome Based Education (OBE) Pattern)**

## **SYLLABUS**

**III & IV SEMESTER**



## **GOBI ARTS & SCIENCE COLLEGE**

(Govt. Aided Autonomous Co-educational Institution, Affiliated to  
Bharathiar University, Coimbatore, Accredited with 'A' Grade by NAAC (4<sup>th</sup> cycle)  
and Recognised as a STAR College by DBT, Government of India)

**KARATTADIPALAYAM POST,  
GOBICHETTIPALAYAM - 638453  
ERODE DISTRICT.**

## BLOOM'S TAXONOMY BASED ASSESSMENT PATTERN

K1-Remember; K2- Understanding; K3- Apply; K4-Analyze; K5- Evaluate

### I. END OF SEMESTER (EOS) EXAMINATIONS:

#### 1. Theory: 60 Marks

Knowledge Level	Section	Marks	Description	Total
K1	A (Answer All)	$10 \times 1 = 10$	MCQ	60
K2	B (Either or Pattern)	$5 \times 4 = 20$	Short answers	
K3 & K4	C (Answer 3 out of 5)	$3 \times 10 = 30$	Descriptive/Detailed	

#### 2. Practical Examinations: 60 Marks

Knowledge Level	Section		Total
	Practical	Record work	
K3	50	10	60
K4			
K5			

### II. CONTINUOUS INTERNAL ASSESSMENT (CIA):

#### 1. Test – I & II: 30 Marks (Theory)

Knowledge Level	Section	Marks	Description	Total
K1	A (Answer All)	$10 \times 1 = 10$	MCQ	30
K2	B (Answer 2 out of 3)	$2 \times 5 = 10$	Short answers	
K3 & K4	C (Answer 1 out of 2)	$1 \times 10 = 10$	Descriptive/Detailed	

#### 2. Test –III: (Model Exam)

Knowledge Level	Section	Marks	Description	Total
K1	A (Answer All)	$10 \times 1 = 10$	MCQ	60 Marks converted to 40 Marks
K2	B (Either or Pattern)	$5 \times 4 = 20$	Short answers	
K3 & K4	C (Answer 3 out of 5)	$3 \times 10 = 30$	Descriptive/Detailed	

#### Components of Continuous Internal Assessment (CIA)

Components		Calculation	CIA Total
Test 1 & Test 2	30	$30 + 40 + 30 = \frac{100 \times 40}{100} = 40$	40
Test 3	40		
Assignment+ Seminar+ Quiz / GD / Poster Presentation / Book Review / Field Visit Report	$10+10+10 = 30$		

<b>Programme Code:</b>	M.A.	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC11	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Advanced Macro Economics	<b>Semester:</b>	III
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To study the nature of Macro Economics and the concept of National Income.
- To understand the Consumption Demand and Investment Demand.
- To outline the Relative and Absolute income hypothesis.
- To know about the Multiplier and Foreign Trade Multiplier.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Understand the Concept of National income and Sectoral flow of fund accounts it is economy.
<b>K2</b>	<b>CO2</b>	Analyse the Consumption Function and Absolute income hypothesis.
<b>K3</b>	<b>CO3</b>	Understand the Investment function and Keynesian approach.
<b>K4</b>	<b>CO4</b>	Provide the Knowledge about Multiplier.
<b>K5</b>	<b>CO5</b>	Develop a critical insight on classical and Keynesian Macro Economics Model.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

SYLLABUS		
Unit	Content	No. of Hours
<b>I</b>	<b><u>National Income and Accounts</u></b> Meaning of Macro Economics – National Income – Concept of National Income Relationship between National Income Aggregate-National Income Accounting Methods-Problems in the measurement of National Income – Flow of Funds Accounts –National Income Account Vs Flow of Funds Accounts	<b>18</b>
<b>II</b>	<b><u>Consumption Function</u></b> Consumption Demand – Technical Attributes and Determinants of the consumption function –Keynes’s psychological law of consumption – Keynes’s Consumption Function- Absolute income hypothesis – Relative Income hypothesis –Permanent Income hypothesis -Life cycle hypothesis - Wealth effect	<b>18</b>
<b>III</b>	<b><u>Investment Function</u></b> Meaning of Capital and Investment and Types – Optimum capital accumulation theory—Internal rate of return- Keynesian approach –MEC-MEI-and MCI Schedules-Post Keynesian approach-Lags in Investment demand	<b>18</b>

<b>IV</b>	<b><u>Theories of Multiplier</u></b> Concept of Multiplier-Investment Multiplier-Dynamic Multiplier-Compound Multiplier-Tax and Transfer Multiplier-Balanced Budget Multiplier-Foreign Trade Multiplier with and without feedback effect-Multiplier-Accelerator interaction.	<b>18</b>
<b>V</b>	<b><u>General Equilibrium</u></b> Basic Equilibrium in Classical and Keynesian models- Employment and Wages rigidity – General equilibrium in product and money markets- IS and LM model- Macro Economic Policy for correcting disequilibrium.	<b>18</b>

**Text Books:**

1. Macro Economics Theory - M.L.Jhingan
2. Macro Economics - H.L.Ahuja

**Reference Books:**

1. Macro Economics Analysis – Edward Shapiro
2. Macro Economics - Theory and Policy – Fredglahal
3. Macro Economics – Theory and Policy –Williams H.Bandson
4. International Economics – H.G.Mannur
5. Macro Economics Themes –MJC Surey
6. National Income and Flow of Fund Analysis – Powerlson
7. Macro Economics –A.J.Crouch

**E-references:**

1. <http://www.bookdepository.com>
2. <http://www.economicdiscussion.net>
3. <https://studypoints.blogspot.in>

**Mapping with Programme Specific Outcomes**

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	S	S	H	S
<b>CO2</b>	H	S	H	M	S
<b>CO3</b>	H	S	S	H	H
<b>CO4</b>	H	M	S	M	H

**S** - Strong; **H** - High; **M** - Medium; **L** – Low

<b>Programme Code:</b>	M.A	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC12	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Foreign Trade: Theory and Management	<b>Semester:</b>	III
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To enable the students have a deeper knowledge of Foreign Trade.
- To provide the Theoretical knowledge about the Trade Theories.
- To understand the Export and Import policy of India as well as to enhance students about know the various assistance to promote the Export sector.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Keep basic theories of Foreign Trade in the minds of learners.
<b>K2</b>	<b>CO2</b>	Deal with different aspects of Trade Policy.
<b>K3</b>	<b>CO3</b>	Apply the measures to correct BoP disequilibrium and exchange rate.
<b>K4</b>	<b>CO4</b>	Analyse the working and operations of International Financial Institutions and most economic order.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

### SYLLABUS

Unit	Content	No. of Hours
<b>I</b>	Classical and Modern theory of International Trade:– Smith’s Theory-Ricardo’s Theory - Comparative cost theory - Heckscher Ohlin Theorem - International Trade And Factor Prices -Technical progress and Foreign Trade – Economic Growth and Foreign Trade:– Effects of growth on Trade.	<b>18</b>
<b>II</b>	Theories of Foreign Exchange Rate: Purchasing Power Parity Theory - Balance of Payment Theory - Foreign Exchange Rate Policy: Fixed Exchange Rate, Flexible Exchange Rate, Multiple Exchange Rates System - Foreign Exchange Markets: Spot And Forward Exchange Market.	<b>18</b>
<b>III</b>	Balance of Payments : Balance of Trade - Disequilibrium in BoP- Methods of Correcting Disequilibrium - Free Trade Vs Protection Methods of Protection (Tariffs And Quotas) Tariffs: Classifications – Effects of a Tariff under partial Equilibrium – Non-Tariff Barriers : Types, Effects - Import Quotas: Types and Impact.	<b>18</b>
<b>IV</b>	Foreign Trade Control And EXIM Policy: Export Promotion: Incentives - Production Assistance - Marketing Assistance - Export Pricing - Export Procedures and Documents: Bill of Lading, Letter of Credit, ECGC - Export Risk Insurance and Export Credit Insurance.	<b>18</b>

<b>V</b>	International Financial Institutions : Current International Monetary And Trade Challenges – International Dept – Liquidity – IMF – The World Bank – WTO – UNCTAD -Multinational Corporations and LDCs - Foreign Direct Investments - Foreign Institutional Investments. <*- <b>Self Study</b> >	<b>18</b>
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**Text Books:**

1. International Economics - M.L.Jhingan
2. International Economics - Dr.S.Sankaran

**Reference Books:**

1. Foreign Trade of India - Kulwandar Singh
2. Foreign Trade Policy & Trends in India - Vibha Mathur
3. India's Foreign Trade from Antiquity to Date - Mahesh Prasad

**E-references:**

1. [https://en.wikipedia.org/wiki/Gains\\_from\\_trade](https://en.wikipedia.org/wiki/Gains_from_trade)
2. <https://www.britannica.com/topic/foreign-exchange-market>
3. <https://www.economicdiscussion.net/balance-of-payment/causes-and-measures-of-disequilibrium-balance-of-payment/621>
4. <https://archive.india.gov.in/citizen/agriculture/index.php?id=36>
5. <https://www.imf.org/en/About>

**Mapping with Programme Specific Outcomes**

CO \ PO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	H	S	S	H	H
<b>CO2</b>	H	H	S	H	S
<b>CO3</b>	S	H	S	H	H
<b>CO4</b>	H	S	H	S	H

**S** - Strong; **H** - High; **M** - Medium; **L** - Low

<b>Programme Code:</b>	M.A	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC13	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Statistical Packages for Data Analysis - Theory	<b>Semester:</b>	III
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To enable the students to understand the perspectives of Statistical Computer Packages.
- To enable the students to formally learn computer skills and their applications, in particular, for empirical analysis and report writing.
- To provide the students with a skill required for modern research practices that is useful both in job market and in academia.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Understand the essential applications of computers in empirical analysis and in report writing.
<b>K2</b>	<b>CO2</b>	Handle, create, manipulate and analyze data files
<b>K3</b>	<b>CO3</b>	Perform descriptive statistics and regression analysis
<b>K4</b>	<b>CO4</b>	Make use of the statistical and internet software
<b>K5</b>	<b>CO5</b>	Learn contemporary practices in data analysis by using computer

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

SYLLABUS		
Unit	Content	No. of Hours
<b>I</b>	Data Source: Sources of secondary data -Indian Statistical System -Functions of Important Statistical Agencies in India - NSSO – CSO – ASI. Statistical Packages for Data Analysis - SPSS – E-Views - STRATA - R and Gretl. Introduction to SPSS – Different SPSS Windows: Data Editor Window and Output viewer. Window – Data Editor Window: data and variable views.	<b>18</b>
<b>II</b>	Creating SPSS data files - Creating the data and meta data - Variable types, names and labels – Data, Transform and Analyze Menus in SPSS - Frequencies – descriptive statistics. Managing Data: Listing cases, replacing missing values, computing new variables, recording variables, exploring data, selecting cases, sorting cases, merging files.	<b>18</b>
<b>III</b>	Cross Tabulation and chi-square analyses – Descriptive Statistics: measures of central tendency - means procedure – Data Transformations: Computing values – calculator bad – functions – conditional expressions. Recoding values – recode into same variable – recode into different variables. Charts – Bar, line and pie charts.	<b>18</b>

<b>IV</b>	Bivariate Correlation: Partial Correlations and the correlation matrix - T-test procedure: Independent –samples, paired samples, and one sample tests - one way ANOVA procedure: One way analysis of variance - Simple Linear Regression - Multiple regression analysis. Applied Econometric Models.	<b>18</b>
<b>V</b>	Internet Applications and Other Research Application Software’s Uses and Features of Internet – Uses and Features of Internet Browsers – Menu and toolbar in Mozilla window – Uses and Features of Google and Google Scholar – Academic Resources in Internet: Economics journals, Data sources, Videos, News Groups (Blogs).	<b>18</b>

**Reference Books:**

1. Rangarajan Commission. Report of the National Statistical Commission 5thSept,2001
2. Dhanasekaran. K.Computer Applications in Economics –Vrinda Publications
3. Jermy J. Foster -Data Analysis using SPSS for windows version 8 to 10
4. Lee A Kirkpatrick & Brooke C. Feeney -A simple guide to SPSS for Windows

**E-references:**

1. <http://research.bmh.manchester.ac.uk/biostatistics/teaching/statisticalsupport/SPSSnotes.pdf>
2. [https://stat.utexas.edu/images/SSC/documents/SoftwareTutorials/SPSS\\_GettingStarted.pdf](https://stat.utexas.edu/images/SSC/documents/SoftwareTutorials/SPSS_GettingStarted.pdf)

**Mapping with Programme Specific Outcomes**

<b>CO \ PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	H	H	L	M	L
<b>CO2</b>	H	H	M	M	L
<b>CO3</b>	H	H	M	M	L
<b>CO4</b>	L	L	H	H	M
<b>CO5</b>	H	M	M	H	L

**S** - Strong; **H** - High; **M** - Medium; **L** – Low

<b>Programme Code:</b>	M.A	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3ECP0	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>		Statistical Packages for Data Analysis - Practical	<b>Semester:</b>	III
			<b>Credits:</b>	4.0

<b>SYLLABUS</b>		
<b>Unit</b>	<b>Content</b>	<b>No. of Hours</b>
	<p><b>List of Practicals:</b></p> <ol style="list-style-type: none"> <li>1. Create a data file with variable and value label.</li> <li>2. Compute Equations.</li> <li>3. Recode variables.</li> <li>4. Solving cases and merging file.</li> <li>5. Tabulation with descriptive statistics.</li> <li>6. Application of Econometric models.</li> </ol>	

<b>Programme Code:</b>	M.A.	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC14	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Monetary Theory and Policy	<b>Semester:</b>	IV
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To study the 'High – Powered Money (H)' and Inflation.
- To study the monetary theories and their importance in Economic Development.
- To understand the monetary problem in India and effort by the Government.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Understand the role of money in economy.
<b>K2</b>	<b>CO2</b>	Create the knowledge about the monetary theories.
<b>K3</b>	<b>CO3</b>	Frame the neutrality of money.
<b>K4</b>	<b>CO4</b>	Construct the knowledge of theories of interest rates.
<b>K5</b>	<b>CO5</b>	Formulate about the issues in monetary policy.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

### SYLLABUS

Unit	Content	No. of Hours
<b>I</b>	The role of money in an economy – The circular flow of money – changing concept of money – High powered money – Factors affecting H – Adjusted H – 'H' as an autonomous policy determined variable – Inflation – Price policy in a developing economy.	<b>18</b>
<b>II</b>	Monetary Theories: Fisher's quantity Theory – Cambridge cash balance approach– The Keynesian theory of money and prices – Quantity theory – A restatement by Milton Friedman – Patinkin's integration of monetary and value theory – Friedman's Theory of business cycle.	<b>18</b>
<b>III</b>	Neutrality of money – Classical and Keynes version – Monetarism versus Keynesianism – Tobin's model –W.J.Boumhol's Inventory Theoretical approach – concept of General Liquidity – NBFIs and money supply.	<b>18</b>
<b>IV</b>	Theories of interest rates: classical, Neo – Classical and Keynes theory – Wicksell's theory – Term structure of Interest Rates: Expectation Theory – Structure of Interest Rates in India – Financial Sector Reforms: Profitability of Public Sector Banks – Narasimham Committee Reports.	<b>18</b>
<b>V</b>	Issues in Monetary Policy: Targets and indicators – Instruments and types – Rules Vs Discretion – Trade off in monetary goals – Time lags in monetary policy – <i>Monetary Policy and developing countries. : Current scenario in Cashless Economy and Demonetization*</i> .	<b>18</b>

<\* - Self Study>

**Text Book:**

1. Monetary Economics – M.L.Jhingan, Vrinda Publications (P) Ltd.

**Reference Books:**

1. Monetary Economics – Institutions, Theory and Policy – Suraj B.Gupta.
2. Monetary Economics – R.R.Paul.
3. Fundamentals of Monetary Economics – B.N.Ghosh& Rama Ghosh.

**E-references:**

1. Monetary Economics by Handa, Jagdish (ebook) - eBooks.com
2. <https://onlinecourses.nptel.ac.in/.non>
3. <https://bookboon.com/en/economics-ebooks>
4. <https://www.springer.com/in/book>
5. a course in monetary economics – Free 160592857366.free.fr › joe › ebooks ›

**Mapping with Programme Specific Outcomes**

<b>CO \ PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	H	S	M	H	S
<b>CO2</b>	S	H	H	H	S
<b>CO3</b>	H	S	H	M	H
<b>CO4</b>	S	S	H	H	H
<b>CO5</b>	H	M	S	M	S

**S** - Strong; **H** - High; **M** - Medium; **L** – Low

<b>Programme Code:</b>	M.A.	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC15	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Fiscal Economics	<b>Semester:</b>	IV
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To provide the theoretical background of Public Finance.
- To understand the functions of Government financial activities.
- To know the status of Government of India's fiscal status.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Know about the Economic Basis of Government Activity of Public Economic Policies.
<b>K2</b>	<b>CO2</b>	Understand the Public Expenditures and Revenue.
<b>K3</b>	<b>CO3</b>	Develop the knowledge about Taxation, Budgeting and Public Debt.
<b>K4</b>	<b>CO4</b>	Provide the basic ideas about Fiscal Federalism.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

### SYLLABUS

Unit	Content	No. of Hours
<b>I</b>	<b>The Economic Basis of Government Activity of Public Economic Policies:</b> Efficiency, market and governments: Markets, Price and efficiency conditions; Market failure: A preview of the basis for Government Activity and the functions of the Government, Equity versus efficiency – Positive and Normative analysis; Externalities and Government Policy: Market failures, Externalities and efficiency, Functions of Public Finance – Allocation, Distribution and Stabilization functions.	<b>18</b>
<b>II</b>	<b>Public Expenditures and Revenue:</b> Theory of public expenditure: Pure theory of Public Expenditures - Growth of public expenditure in recent times - Public expenditure in India – Trends in Revenue and Expenditure of the Government of India - Trends in Revenue and Expenditure of the State Government.	<b>18</b>
<b>III</b>	<b>Public Taxation:</b> Theories of Taxation – Different approaches to the division of tax burden, incidence and effects of taxation; elasticity and buoyancy; taxable capacity.	<b>18</b>
<b>IV</b>	<b>Budgeting and Public Debt:</b> Budgetary procedure – Kinds of Budgets – Zero-base budgeting – different concepts of budget deficits – Budgets of the Union Government in India. Public Debt – Sources, effects, burden and management of public debt – India's Public debt since 1951 – growth composition, ownership pattern and debt management.	<b>18</b>
<b>V</b>	<b>Fiscal Federalism :</b> Theory and problems; Problems of Centre-State Financial relations in India – Fiscal Policy – Neutral and compensatory and functional finance;	<b>18</b>

balanced budget multiplier – Financial Relations – Horizontal and vertical imbalance; the Finance Commissions – Fiscal Policy and Fiscal Reforms in India.
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**Reference Books:**

1. Jha, Raghendra (1987): Modern Theory of Public Finance, Wiley Eastern, Delhi.
2. Musgrave, R.A. (1959), the Theory of Public Finance, McGraw Hill, Kogakhusa, Tokyo.
3. Musgrave, R.A. and P.B.Musgrave, (1976), Public Finance in Theory and Practice, McGraw-Hill, Kogakusha, Tokyo.

**E-reference:**

1. [www.ceppf.org](http://www.ceppf.org)

**Mapping with Programme Specific Outcomes**

<b>CO \ PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	H	S	H	H	M
<b>CO2</b>	H	H	M	S	S
<b>CO3</b>	S	H	H	H	H
<b>CO4</b>	H	M	S	S	S

**S** - Strong; **H** - High; **M** - Medium; **L** – Low

<b>Programme Code:</b>	M.A.	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC16	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Environmental Economics and Policy	<b>Semester:</b>	IV
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To help the students acquire a broad view to obtain the environmental knowledge.
- To enhance the student about the environmental quality and economic development.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Know the environment and natural resources.
<b>K2</b>	<b>CO2</b>	Understand the environmental quality and economic development.
<b>K3</b>	<b>CO3</b>	Know the environmental pollution and problems.
<b>K4</b>	<b>CO4</b>	Understand the environmental control measures.
<b>K5</b>	<b>CO5</b>	Know the environment and sustainable development.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

### SYLLABUS

Unit	Content	No. of Hours
<b>I</b>	<b><u>NATURAL ENVIRONMENT:</u></b> Physical features – Climate – Soil – Soil erosion and conservation – water resources – Forest resources – energy resources – Mineral resources – Renewable and Non – renewable resources and issues – environment and Ecology.	<b>18</b>
<b>II</b>	<b><u>ECONOMICS AND ENVIRONMENT:</u></b> Concepts – Nature and scope of environmental economics – Environmental theories – Environmental quality – Environment and economic development – environmental issues in UDC's.	<b>18</b>
<b>III</b>	<b><u>ENVIRONMENTAL ISSUES:</u></b> Concepts – Global Warming – Green House effect – Biospheric pollution – Types – Solid waste management and problems – pesticidal pollution and control – Dichloro Diphenol Trichloro Gthane (DDT) – Nuclear Pollution – Chernobyl syndrome – Thermal pollution – water pollution – Marine Pollution – Air pollution – Acid rain – Ozone hole – Noise pollution – oil pollution – Measurement and control.	<b>18</b>
<b>IV</b>	<b><u>ENVIRONMENT PROTECTION AND LAWS:</u></b> Managing the Environment – Control measures – Constitutional and legal methods – Environmental protection acts – International treaties and Global co-ordinations – GATT and the Environment – world Environment Day – Environmental Audit.	<b>18</b>

<b>V</b>	<b><u>ENVIRONMENTAL ISSUES AND BUSINESS:</u></b> Environmental Issues – Protection and sustainable Development – Externalities – Environment Degradation and Market failures – Environment of Business global issues.	<b>18</b>
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**Text Books:**

1. Environmental Economics - By Rabindra N. Bhattacharya
2. Environmental Economics - By Katar Singh, Anil Shishodia

**Reference Books:**

1. Agricultural problems of India – C.B.Memoria.
2. The Indian Economy, Environment and Policy – ISHWAR C.DHINGRA.
3. Environmental Policies for sustainable Development – T.I. Khan.
4. Environmental Pollution causes, Effects and control – K.C. Agrawal.
5. Economic Environment of Business – S.K.Migra, V.K.Puri.
6. Environmental quality Management – Bindu N.LOHANI.

**E-references:**

1. <http://www.oecd.org/env/online.htm>
2. <http://www.cnie.org/>

**Mapping with Programme Specific Outcomes**

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	S	H	S	S
<b>CO2</b>	H	S	H	S	H
<b>CO3</b>	S	H	S	S	H
<b>CO4</b>	H	S	H	S	H

**S** - Strong; **H** - High; **M** - Medium; **L** – Low

<b>Programme Code:</b>	M.A.	<b>Programme Title:</b>	Economics	
<b>Course Code:</b>	19P3EC17	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Industrial Economics	<b>Semester:</b>	IV
			<b>Credits:</b>	4.5

### Course Objective

#### The course aims

- To understand the Basic aspects of Industrial Structure, Financial Labour.
- To appreciate the importance of Industrial size and location.
- To understand the Importance of Finance Policy and Finance in India.
- To Familiarize Students with Development in the industrial arena in India.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Understanding the Scope of Industrial Economics and motives of organizational firms.
<b>K2</b>	<b>CO2</b>	Examine the concentration of economic power and the application of Industrial Policies.
<b>K3</b>	<b>CO3</b>	Investigate the Scope and Significance of Industrial Productivity.
<b>K4</b>	<b>CO4</b>	Analysis of the industrial backwardness and Regional disparities.
<b>K5</b>	<b>CO5</b>	Evaluate the growth and trends in Industrial Sector.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

### SYLLABUS

Unit	Content	No. of Hours
<b>I</b>	<b><u>Pattern and Structure</u></b> Industrialization-concepts- Industrialization and Economic development- Organizational structure of firms –Role- size and growth of firms– Regional concentration of industries in India-Locational pattern of industries-Weber’s theory of industrial location- Small scale Vs Large scale industries in India.	<b>18</b>
<b>II</b>	<b><u>Industrial Policy</u></b> Public sectors Vs Private sector policies and perspectives - Efficiency, Productivity and Capacity utilization – Pricing policies- Growth trends- Disinvestment in public sector enterprises– Critical issues on disinvestment –Privatization and economic reforms – Second Generation Reforms on Poverty alleviation, Social sectors, Fiscal reforms and new policy directives.	<b>18</b>
<b>III</b>	<b><u>Industrial Finance</u></b> Industrial policies and financing systems in India – Capital Markets- Money Markets–Shares, Debentures – Market Securities –Institutional Financing viz; SFC’S,IFCI,ICICI,IDBISIDBI–EXIM Bank –Stock Markets in India- Working of SEBI.	<b>18</b>
<b>IV</b>	<b><u>Industrial Growth Sector</u></b> Growth trends in Indian Major Industries- Cotton, Iron and Steel, Sugar, Cement, Engineering Industries and Policy Perspectives.	<b>18</b>

<b>V</b>	<b><u>Industrial Labour</u></b> Industrial labour in India- Employment Dimensions of Indian Industries –Industrial Relations –Labour Legislations –Objectives and Policies – <i>National Wage Policy of India</i> *-Industrial disputes –Remedial Measures-Labour Market Reforms in India.	<b>18</b>
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<\* - *Self Study*>

**Text Books:**

1. Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd, New Delhi.
2. Desai .B - Industrial Economy in India (3rd Ed.)HPH, Mumbai.
3. Kuchhal .S.C. -Industrial Economy of India (5th Edition), Chaitanya Publishing House.

**Reference Books:**

1. S.C.kuchnal (1980), Industrial economy of India, Chaitanya Publishing House, Allahabad.
2. Divine, P.J. and R.M. Jones of al (1976), An Introduction to Industrial economics, George Allen and Unwin ltd, London.
3. Singh A and A.N. Sadhu, Industrial Economics, Himalaya publishing house, Bombay.
4. Hay.D. and D.J. Moris, Industrial Economics: Theory and Evidence, Oxford University Press, New Delhi.
5. SSM Desai, Industrial Economy of India, Himalayan publishing house, Mumbai.

**E-references:**

1. <https://www.pdfdrive.com/mapart-i-industrial-economics-d33687993.html>
2. <https://www.pdfdrive.com/industrial-economics-books.html>

**Mapping with Programme Specific Outcomes**

CO \ PSO	PSO1	PSO2	PSO3	PSO4	PSO5
<b>CO1</b>	S	S	S	H	S
<b>CO2</b>	H	S	H	M	S
<b>CO3</b>	H	S	S	H	H
<b>CO4</b>	H	M	S	M	H

**S** - Strong; **H** - High; **M** - Medium; **L** – Low

## Question Paper Pattern - P.G. Courses

(Common for Major and Supportive Papers)

### For EOS Examinations: 60 Marks

The Question Paper is to be divided into THREE Sections.

Section-A Carries 10 Marks, Section-B Carries 20 Marks and Section-C Carries 30 Marks.

Section-A Contains 10 Multiple Choice Questions. (10 x 1 = 10)

Two Questions from each unit. (Q. No: 1 to 10)

Section-B Contains 5 Either or Choice Questions. (5 x 4 = 20)

Each Question carries 4 Marks. Both (a) and (b) from the same unit.

Q. No.: 11 (a) or (b) to 15(a) or (b)

Section-C Contains 5 Questions, out of which 3 Questions are to be answered. (3 x 10 = 30)

Each Question carries 10 Marks. One Question from each unit. Q. No.: 16 to 20

### For CIA Examinations: 40 Marks

**CIA Test I and II Question Paper Pattern:** (30 Marks)

Section-A: 10 Multiple Choice Questions. (10 x 1 = 10)

Section-B: Two Questions out of Three. (2 x 5 = 10)

Section-C: One Question out of Two. (1 x 10 = 10)

### Components of Continuous Internal Assessment (CIA)

Components		Calculation	CIA Total
Test 1 & Test 2	30	$30 + 40 + 30 = \frac{100 \times 40}{100} = 40$	40
Test 3 (Model Exam)	40		
Assignment + Seminar + Quiz / GD / Poster Presentation / Book Review / Field Visit Report	10+10+10 = 30		

<b>Programme Code:</b>	ALL P.G.	<b>Programme Title:</b>	Supportive Paper	
<b>Course Code:</b>	19P4EC01	<b>Course Title:</b>	<b>Batch:</b>	2019
<b>Total Hours:</b>	90	Applied Economics	<b>Semester:</b>	III
			<b>Credits:</b>	4.0

### Course Objective

#### The course aims

- To study the nature of Economists.
- To know about the Monetary policies.
- To understand the International Trade of Indian Economy.

### Course Outcomes (CO)

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

Knowledge Level	CO Number	Course Outcome
<b>K1</b>	<b>CO1</b>	Know about the micro economic theories.
<b>K2</b>	<b>CO2</b>	Understand the macroeconomic policies.
<b>K3</b>	<b>CO3</b>	Develop the knowledge about Indian economic development.
<b>K4</b>	<b>CO4</b>	Provide the basic ideas about industrial development, financial, money and capital market situations and International economics.

**K1** - Remember; **K2** - Understanding; **K3** - Apply; **K4** - Analyze; **K5** – Evaluate

SYLLABUS		
Unit	Content	No. of Hours
<b>I</b>	<b>Micro Economic Policy:</b> Nature and Scope of Economics – Demand Analysis – Indifference Curve Analysis – Consumer Equilibrium – Cost and Revenue curves – Iso quants – Producer Equilibrium – Price determination under Monopoly, Monopolistic Competition and Oligopoly.	<b>18</b>
<b>II</b>	<b>Macro Economic Policy:</b> National Income – Concepts and Measurement – Sectoral contribution to national income of India – inflation – Trade cycle – Macro Economic Policies – Monetary Policy – Fiscal Policy – Budget and its Importance.	<b>18</b>
<b>III</b>	<b>Agricultural Development:</b> Economic Development – Determinants – India as a developing economy – Planning in India with particular reference to 10 <sup>th</sup> Five Year Plan – Demographic profile of India – Role of Agriculture in the Indian Economy – Food Security and Public Distribution System in India.	<b>18</b>
<b>IV</b>	<b>Financial Market:</b> Industrial Development in India – Government policies on Industrial Development – Financial Market – Money Market and Capital Market – Stock Exchange – SEBI.	<b>18</b>
<b>V</b>	<b>Foreign Trade:</b> Foreign Trade and Balance of Payments – Structure of Balance of Payments - Balance of Payments problems in India – Corrective Measures – Current EXIM policy of India – International Financial Institutions: IMF and IBRD – Globalization – GATT – WTO and its implications for India.	<b>18</b>

**Reference Books:**

1. Modern Micro Economic Theory – A.Koutsoyiannis.
2. Macro Economic Theory – Edward Shapiro.
3. The Indian Economy – Environment and Policy – I.C.Dingra.
4. Indian Economy – R.Datt and K.P.M.Sundharam.
5. International Economics – M.C.Vaish and Sudhama Singh.

**E-references:**

1. [www.ebooks-for-all.com/.../Microeconomics/...Economics...Microeconomics/.../all\\_items.html](http://www.ebooks-for-all.com/.../Microeconomics/...Economics...Microeconomics/.../all_items.html)
2. <https://www.edx.org/course/microeconomics>
3. <https://studypoints.blogspot.in>

**Mapping with Programme Specific Outcomes**

<b>CO \ PSO</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>	S	H	M	H	M
<b>CO2</b>	S	H	H	M	S
<b>CO3</b>	H	M	M	H	S
<b>CO4</b>	H	M	S	M	H

**S** - Strong; **H** - High; **M** - Medium; **L** – Low