



**ST.PHILOMENA'S COLLEGE (AUTONOMOUS), MYSURU**  
***(AFFILIATED TO UNIVERSITY OF MYSORE)***  
***REACCREDITED BY NAAC WITH A GRADE***

### **PROGRAMME - BA**

Three-year six semesters Choice Based Credit System (CBCS) with  
**Learning Outcome Based Curriculum framework (LOCF)**  
And Continuous Assessment & Grading Pattern (CAGP) Undergraduate Programme  
Under Autonomous Structure

**The academic year 2018-19 onwards**

### **DEPARTMENT OF ECONOMICS**

#### **VISION AND MISSION OF THE COLLEGE**

##### **VISION:**

The college is guided by the visionary zeal of providing value- based education to everyone irrespective of religion, caste, creed or sex by which the character is formed, intellect is explained and one can stand on his/her feet.

**MISSION:** To transform young men and women who come to learn not from books, but also from life and to share the experience of working and playing together, this inculcates life skills to become good citizens with integrity and discipline.

**Programme Educational Objective (PEO)**

PEO1	Graduates will be able to master and display competency and leadership to become successful professionals, employees and entrepreneurs or pursue higher education and research.
PEO2.	Graduates will be able to demonstrate the commitment towards professional ethics, gender sensitivity, preservation of environment and sustainable development.
PEO3	Graduates will continue to learn and advance their careers through activities such as participation in professional organizations, attainment of professional certification and seeking higher education.

	<b>Programme Outcome: BA Programme</b>
P01	<b>Disciplinary Knowledge:</b> The B.A. graduates will be acquainted with the social, science, ideological, philosophical, tradition and thinking.
P02	<b>Cognitive and Communicative skills:</b> Students learn two languages along with three major subjects. At the end of the programme, the students would have developed reading, writing, speaking, interpretive and composition skills. They would be able to communicate with others using appropriate media; confidently share one's views and express themselves
P03	<b>Research related skills:</b> The students would acquire skills required for research in social sciences.
P04	<b>Ethics:</b> Education in social sciences lay emphasis on human values and cultural diversity.
P05	<b>Problem Solving:</b> The B. A. programme enables the students to acquire the knowledge pertaining to solving various problems in life with courage and humanity.
P06	<b>Critical Thinking:</b> Demonstrate the ability to articulate an insightful response. It equips them to think critically about the issues of contemporary relevance and hold an informed opinion on them.
P07	<b>Social Interaction:</b> Elicit views of others, mediate disagreements and help reach conclusions in a group setting.
P0 8	<b>Environment and Sustainability:</b> Graduates will be able to understand the issues of environment and work towards sustainable development.

PO 9	<b>Employability:</b> After completing the of the programme, the graduates will have competency to be employed or to be an entrepreneur.
PO10	<b>Leadership Quality:</b> In the graduation programme students are inculcated moral and ethical values, managerial skills, adaptability, problem solving, taking initiative, decision making, risk taking to make them confident leaders.

### Programme Specific Outcomes (PSO): BA- Programme

PSO	After the completion of BA programme by studying EHP/ ESP/ ESC students will be able to	Cognitive level
PSO-1	Identify the major problems and apply <b>economics</b> theories to real life situations	<b>Apply</b>
PSO-2	Develop Research skills by analyzing, synthesizing and evaluating historical information and express their thoughts clearly and coherently.	Evaluate
PSO-3	Understand the national and international issues, ideologies and working of world Constitutions.	Understand
PSO-4	Develop the sociological knowledge and enable the students to think critically about social issues develop analytical ability to interpret different social scenario.	Analytical
PSO-5	Theoretically analyse the basic idea of religion and its purpose.	apply

Mapping of Mission of the College with PEO			
Mission	PEO-1	PEO-2	PEO-3
Mission -1	✓	✓	✓

Mapping of PEOs with Programme Outcomes(PO)											
PEO No.	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11
PEO-1		✓	✓		✓					✓	✓
PEO-2	✓			✓					✓		
PEO-3						✓	✓	✓			

### **Preamble:**

Economics is about choice and is at the centre of all decision-making. It gives insights into the general environment of resource allocation decisions. It studies how individuals, families, firms and governments deploy their scarce resources to maximize the economic well-being of their stakeholders. The knowledge of economics can equip the students to participate more successfully in the increasingly knowledge-based and interdependent global economy of the new millennium. It can provide a student with a better understanding of the objectives, methods and limitations of government economic policy: it facilitates a student to understand the public debate about economic policy, including taxation and government expenditure, trade and globalization, health and welfare. Increasingly, policy debate in all areas is being cast in economic terms and

understanding most current issues requires an understanding of economics. Thus, in studying economics a student can make rational choices not only in his life but also become a responsible citizen. This course in economics will help a student in acquiring knowledge of the fundamental concepts and understand how the world economy works.

Our broad goal at the undergraduate level is to provide students with the tools, language and rigour to understand and contribute at a substantive level to economic dialogue in local, national and international settings. For those who wish to pursue further studies in the field, we aim to lay sound theoretical and empirical foundations that will serve as the basis for advanced study.

**DEPARTMENT OF ECONOMICS**  
**CBCS -LOCF SYLLABUS FOR BA IN ECONOMICS**  
**FOR THE ACADEMIC YEAR 2018-19 ONWARDS**  
**GENERAL SCHEME WITH RESPECT TO TEACHING & EVALUATION**

Semester	Title of the Paper	TYPE	Course Code	Teaching Scheme Hours per Week		Examination Scheme			
				Theory	Credits	Exam Duration in Hours	Theory Max. Marks	I A-Max Marks	Total Marks

I	Paper-1 : Principles of Micro Economics	DSC	LA340	6	6	03	70	30	100
II	Paper-2: Principles of Macroeconomics	DSC	LB340	5	5	03	70	30	100
III	Paper-3: Basic Statistics for Economics	DSC	LC340	5	5	03	70	30	100
IV	Paper-4: Indian Economy	DSC	LD340	5	5	03	70	30	100
V	Paper-5: Managerial Economics	DSC	LE340	3	3	03	70	30	300
	Paper-6: Economics of Development	DSC	LE342	3	3	03	70	30	
	<b>Paper-7: Environmental Economics</b>	<b>DSC</b>		<b>3</b>	<b>3</b>	<b>03</b>	<b>70</b>	<b>30</b>	
	Paper-7: Industrial	DSC	LE344	3	3	03	70	30	
	Paper-7: Introduction to Econometrics	DSC	LE348	3	3	03	70	30	
VI	Paper-8: Public Finance	DSC	LF340	3	3	03	70	30	300
	Paper-9: International Economics	DSC	LF342	3	3	03	70	30	
	Paper-10: Banking Theory And Policy	DSC	LF344	3	3	03	70	30	
	<b>Paper-10: Labour Economics</b>	<b>DSC</b>		<b>3</b>	<b>3</b>	<b>03</b>	<b>70</b>	<b>30</b>	
	Paper-10: Basic	DSC	LF348	3	3	03	70	30	
Note: 1. In V semester Papers 5& 6 are compulsory & 7 is an elective		DSE1		2	2	-	30	20	150
		DSE2		2	2	-	30	20	
					43	-	760	340	1100

#### Discipline Specific Elective (DSE) or Soft Core (SC)

SL. No	Title of the Paper	TYPE	Semester	Course Code	Teaching Scheme Hours per Week		Examination Scheme			
					Theory	Credits	Exam Duration in Hours	Theory Max. Marks	I A-Max Marks	Total Marks
1.	Basic Mathematics for Economics	DSE	II Or	L34Y01	2	2	02	30	20	50
2.	Indian Agriculture:	DSE		L34Y02	2	2	02	30	20	50

3.	Gender Economics	DSE	III Or IV	L34Y05	2	2	02	30	20	50
4.	Indian Financial System	DSE		L34Y06	2	2	02	30	20	50
5.	Monetary Economics	DSE	V Or VI	L34Y07	2	2	02	30	20	50
6.	Introduction to Research Methodology	DSE		L34Y04	2	2	02	30	20	50
7.	Economic Thought	DSE			2	2	02	30	20	50
8.	Project Work	DSE		L34Y08	2	2	02	30	20	50

**Note:**

Sl.No	Type	
1.	DSC or HC	Discipline Specific Core (DSC) or Hard Core (HC)
2.	DSE or SC	Discipline Specific Elective (DSE or /Soft Core (SC)
3.	SEC or OE	Skill Enhancement Course (SEC) or Open Elective (OE)

## I - SEMESTER - ECONOMICS

### Discipline Specific Core (DSC) Paper – 1

### PRINCIPLES OF MICROECONOMICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks / 6 Hours a week = 96 Hrs.**

#### Course Objectives:

1. To understand the definition and concepts of Micro economics.
2. To understand consumer's equilibrium.
3. To understand the concepts of demand and supply and its application.
4. To analyze the theories of production.
5. To analyze how price and output are determined in different market conditions.

#### Course Learning Outcome (CO)

CO	After the completion of this course the student will be able to	Cognitive level
CO-01	Measure rational choices	Evaluate
CO-02	Apply cardinal and ordinal utility to consumer equilibrium.	Apply
CO-03	Apply the concepts of demand and supply to real life.	Apply
CO-04	Analyze production function, cost and revenue.	Analyze
CO-05	Analyze price and output in various market conditions.	Analyze

Unit 1 Introduction to Micro Economics:		14 Hrs
1.1	Introduction to Economics- Meaning and definition- Need to study	
1.2	Micro Economics- Meaning, Types, Scope, Importance and limitations,	
1.3	The problem of choice- Scarcity and efficiency.	
1.4	Basic problems of an economy	
1.5	Production possibility curve.	
Unit 2 Theories of Consumer's Behavior:		20 Hrs
2.1	Cardinal Approach	
2.1.1	Utility- Meaning- Characteristics-difference between utility and satisfaction- Total Utility and Marginal Utility	
2.1.2	The law of diminishing Marginal Utility-Assumptions-statement of the law-criticisms- importance	



2.1. 3	The law of Equi-marginal utility-Assumptions-statement of the law- criticisms-importance	
2.1. 4	Consumer's Surplus- Assumptions-statement of the law- criticisms- importance	
<b>2.2</b>	<b>Ordinal Approach</b>	
2.2. 1	Indifference Curves- meaning, Schedule, Map, Consumer's equilibrium, Price, Income and Substitution effects- Criticisms of the indifference curve	
2.2. 2	Revealed Preference Theory – Assumptions - Statement and explanation of the law	
<b>Unit 3 Theory of Demand and Supply</b>		<b>20Hrs</b>
<b>3.1</b>	<b>Demand</b>	
3.1. 1	Demand- Meaning- Factors determining demand- Demand Schedule- Demand Curve, Individual and Market Demand - Law of Demand – Assumptions - Statement of the law - Exceptions to the law - Increase and Extension in demand - Decrease and Contraction in demand - Elasticity of demand- types and measurement of Elasticity of demand (Simple	
<b>3.2</b>	<b>Supply</b>	
3.2. 1	Supply-meaning - factors influencing supply - Supply Schedule- Supply curve- - Law of Supply - Extension and Contraction of Supply- Elasticity of Supply	
<b>Unit 4 Production, Cost and Revenue analysis</b>		<b>18 Hrs</b>
<b>4.1</b>	<b>Production</b>	
4.1. 1	Production- Meaning- Production function- The law of variable proportions- Laws of Returns to Scale	
<b>4.2</b>	<b>Cost</b>	
4.2. 1	Cost - Types - Money Cost and Real Cost - Opportunity Cost - Fixed Cost - Variable Cost - Total Cost - Average Cost and Marginal costs - Short run and Long run cost curves	
<b>4.3</b>	<b>Revenue</b>	
4.3. 1	Revenue - types- Total Revenue - Average Revenue - Marginal Revenue - Revenue curves	
<b>Unit 5 Market structure: Product and factor pricing</b>		<b>24 Hrs</b>
<b>5.1</b>	<b>Product Pricing</b>	
5.1. 1	Pure competition-Features - Perfect Competition- Features- Price and Output determination - Role of a time element	
5.1. 2	Monopoly –Features-Price and Output determination- Discriminating Monopoly	

5.1.	Monopolistic Competition- Features, types - Price and output determination	
5.1. 4	Oligopoly- features, kinked demand curve, Collusive and non-collusive oligopoly, cartels and price leadership - Price and Output determination	
<b>5.2</b>	<b>Factor Pricing</b>	
5.2. 1	Marginal Productivity theory of Distribution-Modern theory of Distribution	

## References

1. Mc Connel Campbell and Stanley Bruce, Microeconomics, McGraw Hill Irwin, New York
2. Samuelson P.A, **Economics**, Tata McGraw-Hill Publishing Company Limited, New Delhi
3. Mukherjee Sampat - **Modern Economic Theory**, New Age International Publishers, New Delhi
4. Sankaran S- **Economic Analysis**, Marghum Publications, Madras
5. Mithani D.M- **Modern Economic Analysis**, Himalaya Publishing House, Mumbai

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**II – SEMESTER - ECONOMICS**  
**Discipline Specific Core (DSC) Paper –2**  
**PRINCIPLES OF MACROECONOMICS**  
**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**  
**Class Duration: 16 Weeks / 5 Hours a week = 80 Hrs.**

## Course Objectives:

1. To understand definitions of Macro Economics, National Income, Stock and flow concepts.
2. To analyze the classical theory of employment.
3. To Evaluate the Keynesian theory of employment.
4. To analyze supply side economics and its policy conclusion.

## Course Learning Outcome (CO):

CO	After the completion of this course the student will be able to	Cognitive level
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CO-01	Understand Macro Economic concepts.	Understand
CO-02	Evaluate classical theory of employment.	Evaluate
CO-03	Evaluate Keynesian theory of employment.	Evaluate
CO-04	Apply policy conclusions of supply side economics.	Apply

<b>Unit 1</b>	<b>Introduction to Macro Economics</b>	<b>22 Hrs</b>
1.1	Macro Economics- meaning, types, scope, importance and limitations	
1.2	Basic concepts of Macroeconomics-Stock, flow equilibrium - short term and long term	
1.3	National Income- Concepts GNP, GDP, NNP, NDP, NI, PI, DPI, Measurement of National Income, Difficulties in its measurement (simple calculations)	
<b>Unit 2</b>	<b>The classical theory of Employment</b>	<b>20 Hrs</b>
2.1	Classical theory- Assumptions- Say's the law of markets – Assumptions-Statement and explanation of the law – Pigou's Wage cut policy - Criticisms of the classical theory of employment.	
<b>Unit 3</b>	<b>Keynesian theory of employment</b>	<b>24 Hrs</b>
3.1	Concept of effective demand and its determinants- equilibrium level of income and employment- consumption function- Psychological law of consumption- APC, MPC- Factors affecting the consumption function-Investment function- - Factors affecting investment function-Marginal efficiency of capital -Investment Multiplier- criticisms of the Keynesian theory of employment.	
<b>Unit 4</b>	<b>New Classical Macro Economics</b>	<b>14 Hrs</b>
4.1	New classical macroeconomics – supply-side economics and its Theoretical proposition – Rational Expectations and policy conclusions	

#### References:

- 1 Samuelson P.A.- Economics- Tata McGraw-Hill publishing company limited N. Delhi.

- 2 Mukherjee, Sampat,- Modern Economic Theory-, New Age International Publishers, New Delhi.
- 3 Mithani. D.M- Modern Economic Analysis- Himalayan Publishing House, Mumbai
- 4 Rana & Verma- Macro Economic analysis- Vishal Publishing House
- 5 Vaish. M.C- Macroeconomic theory- Vishwa Prakashan, New Delhi
- 6 G.Mankiw- Principles of Macro Economics

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### III - SEMESTER – ECONOMICS

#### Discipline Specific Core (DSC) Paper – 3

#### BASIC STATISTICS FOR ECONOMICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks /5 Hours a week = 80 Hrs.**

#### Course Objectives:

1. To acquire some basic skills in statistics.
2. To develop analytical, reasoning and graphical presentation skills.

#### Course Learning Outcome(CO)

CO	After the completion of this course the student will be able to	Cognitive level
CO-01	Solve economic problems.	Creative
CO-02	Display Presentation skills.	Apply

Unit 1	Introduction to Statistics	12 Hrs
1.1	Definition-Characteristics of statistical data and statistical methods- Importance of statistics in economics – limitations, its relation with other sciences	
Unit 2	Sources of data, classification, tabulation and presentation of data	24 Hrs
2.1	Sources of data-Primary and Secondary sources- meaning-types- merits and demerits	
2.2	Classification of data-meaning-types-frequency distribution	

2.3	Tabulation of data-meaning-types-parts of a table	
2.4	Diagrammatic representation of data- Meaning-types-line diagram-bar diagram-multiple bar diagram-sub-divided bar diagram-pie chart	
2.5	Histogram-frequency polygon-frequency curve- Ogives	
<b>Unit 3</b>	<b>Measures of central tendency</b>	<b>24Hrs</b>
3.1	Mean and Weighted Arithmetic Mean: meaning-merits and demerits-Individual-discrete-continuous series	
3.2	Median: meaning-merits and demerits-Individual-discrete-continuous series	
3.3	Mode: meaning-merits and demerits-Individual-Continuous series	
3.4	Geometric Mean: meaning-merits and demerits-Individual-discrete-continuous series	
3.5	Harmonic Mean: meaning-merits and demerits-Individual-discrete-continuous series	
<b>Unit 4</b>		<b>20Hrs</b>
<b>4.1</b>	<b>Measures of Dispersion and Correlation analysis</b>	
4.1.1	Range and Co-efficient of Range- Merits and demerits of Range	
4.1.2	Semi-Inter Quartile Range-Merits-Demerits-Individual-Discrete-Continuous series (Absolute and Relative measures)	
4.1.3	Mean Deviation Merits-Demerits-Individual-Discrete-Continuous series (Absolute and Relative measures)	
4.1.4	Standard Deviation, Merits-Demerits-Individual-Discrete-Continuous series (Absolute and Relative measures)	
4.1.5	Lorenz Curve	
<b>4.2</b>	<b>Correlation Analysis</b>	
4.2.1	Co-relation analysis- Meaning, Types- measurement	
4.2.2	Karl Pearson's Co-efficient of co-relation	
4.2.3	Spearson's Rank co-relation	

## References

- 1 Veerachamy R - **Quantitative Methods for Economics**, New Age International

(P) Limited Publishers, New Delhi.

- 2 Bose D - **An Introduction to Mathematical Economics**, Himalaya Publishing House, Mumbai.
- 3 Anderson David R, Dennis J, Sweeney and Thomas A. Williams, - **Statistics for Business and Economics**, Thomson South – Western, Singapore
- 4 Dr.C.K. Renukarya “Mathematics **and** Statistics for Economics” Chetana Publication
- 5 Dr K M Veeraiah and Dr G S Ramanujam “Mathematics **and** Statistics for Economics” Chetana Publication

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#### **IV – SEMESTER- ECONOMICS**

##### **Discipline Specific Core (DSC) Paper – 4**

##### **INDIAN ECONOMY**

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks / 5 Hours a week = 80 Hrs.**

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#### **Course Objectives:**

1. To understand the basic frame work of the economy.
2. To analyze the impact of agriculture and industrial sector.
3. To understand the impact of foreign trade on Indian Economy.
4. To analyze the implications of Government revenue, expenditure, debt, poverty and employment.

#### **Course Learning Outcome(CO):**

<b>CO</b>	<b>After the completion of this course the student will be able to</b>	<b>Cognitive level</b>
CO-01	Evaluate the performance of the Indian Economy.	Evaluate
CO-02	Assess the role of agriculture and Industry.	Evaluate
CO-03	Summarize the role of foreign trade.	Understand
CO-04	Assess the basic problems of the economy.	Evaluate

<b>Unit 1</b>	<b>Structure of the Indian Economy</b>	<b>20 Hrs</b>
1.1	Meaning and Characteristics of Indian Economy	
1.2	Natural Resources- Meaning –Role of Natural Resources in the economic development of India	
1.3	Human resources- Meaning -the importance of human resource in the economic development of India	
1.4	Size and trends in India's Population-Demographic features of India's population- – population explosion- Meaning- Causes and consequences of Population explosion	
1.5	Control of Population- Recent population policies.	
1.6	National Income of India – National income estimates in India – Trends in National Income – Income Inequalities in India- Meaning, causes, consequences and measures to control it	
<b>Unit 2</b>	<b>Agriculture and Industrial Sector in India:</b>	<b>16Hrs</b>
<b>2.1</b>	<b>Role of agriculture in India's economic development</b>	
2.2	Cropping pattern in India	
2.3	National Agriculture Policy	
2.4	Food Security in India-Public Distribution System	
2.5	Agricultural Labour -Problems and Remedies	
	<b>Industrial Sector in India:</b>	
2.6	Importance of industrialization Industrial policy since 1991, Problems of large scale industries, Role and problems of small scale industries	
2.7	Disinvestment – policies and issues, Emergence of the IT industry.	
<b>Unit 3</b>	<b>India's Foreign Trade:</b>	<b>20 Hrs</b>
3.1	Foreign Trade – Meaning-Difference between Internal and Foreign Trade – Importance of Foreign Trade	
3.2	Value and Volume of India's Foreign Trade-Composition of India's Export and Import Trade –Direction of India's Export and Import Trade	

3.3	India's Balance of Payments – meaning- differences between Balance of trade and Balance of payments	
3.4	Foreign Exchange Reserves- impact of WTO on India's foreign trade	
<b>Unit 4</b>	<b>Indian Fiscal System and Challenges to Development</b>	<b>24 Hrs</b>
4.1	Revenue and Expenditure of the central and state governments- public debt management - financial relations between Center and State Governments	
<b>4.2</b>	<b>Development challenges:</b>	
4.2.1	Poverty - Meaning, Types, Causes, Magnitude, and Poverty eradication programmes in India (with emphasis on recent programmes)	
4.2.2	Unemployment in India-Meaning, Types, magnitude, Remedial measures to reduce unemployment.	

#### References:

- 1 Dutt Ruddar and Sundaram K.P.M -**Indian Economy**, S. Chand and Co New Delhi
- 2 Misra S.K. and V.K. Puri - **Indian Economy**, Himalaya publishing house, Mumbai.
- 3 Agarwal A.N - **Indian Economy-problems of development and planning**, Vishwa Prakashan, New Delhi
- 4 Kapila and Umakapila "Indian **Economy**"

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### BA ECONOMICS

**Discipline Specific Elective (DSE) offered for 2, 3, and 4 Semester**

**Basic Mathematics for Economics**

**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**

**Class Duration: 16 Weeks / 2 Hours a week = 32 Hrs.**

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#### Course Objectives:

1. To transmit the body of basic mathematics that enables the study of economic theory.



2. To understand and apply Linear Functions to Economics.
3. To understand and apply principle of differentiation.

**Course Learning Outcome(CO):**

<b>CO</b>	<b>After the completion of this course the student will be able</b>	<b>Cognitive level</b>
CO-01	To apply basic mathematics to construct economic models.	Apply
CO-02	To apply basic mathematics to construct economic models.	Apply
CO-03	To solve economic problems by using differentiation principle.	Creative

<b>Unit 1</b>	<b>Introduction to Mathematical Economics, Functions and Functional relations</b>	<b>08 Hrs</b>
1.1	Nature and Scope of Mathematical Economics - Role of Mathematics in economic theory	
<b>1.2</b>	<b>Functions and Functional Relations</b>	
1.2.1	Linear and Non- linear Functions	
1.2.2	Demand and supply functions	
1.2.3	Production Possibility Curves, indifference Curves and liquidity preference functions as examples	
1.2.4	Concept of sets: Meaning, Types, union offsets and the intersection of sets, Venn diagrams.	
<b>Unit 2</b>	<b>Application of Linear functions</b>	<b>12 Hrs</b>
2.1	Determination of Market Equilibrium price and quantity, Impact of specific tax and subsidy on market equilibrium	
<b>Unit 3</b>	<b>Derivatives of functions</b>	<b>12Hrs</b>
3.1	Concept of Limit and Continuity	
3.2	First Principle of differentiation relating to Algebraic Functions.	
3.3	Application of Differential Calculus to Economics to derive Marginal Revenue, Average Revenue and Total Revenue- Marginal Cost, Average cost and Total cost Function	
3.4	Elasticity of demand	
3.5	Revenue/profit maximization and cost minimization.	

**References:**

- 1 Veerachamy R – Quantitative Methods for Economics, New Age International (P) Limited Publishers, New Delhi.
- 2 Bose D –An Introduction to Mathematical Economics, Himalaya Publishing House, Mumbai.
- 3 Dr. C K Renukarya “ Mathematics and Statistics for Economics” Chethana Publication, Mysore
- 4 Dr K M Veeraiah and Ramanujam G S “ Mathematics and Statistics for Economics” Chethana Publication, Mysore

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**Discipline Specific Elective (DSE)**  
**for Semester 2, 3, and 4**  
**INDIAN AGRICULTURE: PROBLEMS AND ISSUES**  
**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**  
**Class Duration: 16 Weeks / 2 Hours a week = 32 Hrs.**

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**Course Objectives:**

1. To understand the interdependence of agriculture and industry and farming systems in India.
2. To understand problems of agricultural finance and institutions dealing with finance and insurance.
3. To understand the problems of agricultural labour and environmental issues.

**Course Learning Outcome(CO):**

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To analyze the interdependence of Agriculture and Industry and evaluate the farming systems in India.	Analyze
CO-02	To evaluate different agricultural financial agencies.	Evaluate
CO-03	To analyze the problems of agricultural and environmental issues.	Analyze

<b>Unit-1</b>	<b>Introduction</b>	<b>12Hrs</b>
1.1	Definition and scope of Agricultural sectors	
1.2	Interdependence between agriculture and industries	
1.3	Farming system- traditional, subsistence, commercial, co-operative, collective, state farming and organic farming – contract farming	
1.4	Growth of agriculture in India since 1991	
<b>Unit-2</b>	<b>Agricultural Finance and Markets in India</b>	<b>10hrs</b>
<b>2.1</b>	<b>Agricultural Finance</b>	
2.1.1	Need for Agricultural Finance	
2.1.2	Sources and problem of Agricultural Finance	
2.1.3	Institutional agencies supplying agricultural finance: NABARD, Co-operatives. RRB's, ARDC, AFC,	
2.1.4	Kissan credit card.	
2.1.5	A comprehensive agricultural insurance scheme	
<b>2.2</b>	<b>Agricultural Marketing in India</b>	
2.2.1	Meaning, types, problems and remedial measures.	
<b>Unit-3</b>	<b>Agricultural labour and Environmental problems of Indian agriculture</b>	<b>10 hrs</b>
3.1.1	Agricultural labour- Meaning, Problems	
3.1.2	Programmes for improving the conditions of agricultural labour	
<b>3.2</b>	<b>Environmental problems of Indian Agriculture</b>	
3.2.1	Salinity, waterlogging and desertification of land	
3.2.2	Excess use of water, fertilizers and pesticides	
3.2.3	Impact and importance of social forestry	
3.2.4	Sustainable Agriculture	

**References:**

1	Subba Reddy, Raghuram, Neelakanta Shastry and Bhavani Devi "Agricultural Economics", Oxford and IBH Publication New Delhi.
2	Sadhu and Singh, "Fundamentals of Agricultural Economics", Himalaya Publication House, Mumbai
3	Bishop and Toussaint, "Introduction to Agricultural Economic Analysis" John Wiley and sons Goodwin Charles, "Agricultural Economics"
4	Singh I.J "Elements Farm Management Economics" East-West Press Private Ltd,

	New Delhi
5	Acharya and Agarwal “ Agricultural Marketing in India” Oxford and IBH publications New Delhi

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**Discipline Specific Elective (DSE)  
For Semester 2, 3, and 4  
GENDER ECONOMICS**

**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50  
Class Duration: 16 Weeks / 2 Hours a week = 32 Hrs.**

**Course Objectives:**

1. To understand the significance of women studies.
2. To understand the different theories of women exploitation.
3. To understand the need for social security.

**Course Learning Outcome (CO):**

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To evaluate economic and non- economic dimensions of women studies and analyze the key concepts of women studies.	Evaluate
CO-02	To analyze the different views on women exploitations.	Analyze
CO-03	To analyze government policy and the role of NGO's	Analyze

Unit-1	Introduction	08Hrs
1.1.1	Nature and significance of women studies	
1.1.2	Distinction between economic and non-economic dimensions of women studies	
1.1.3	Some key concepts – Exploitation, deprivation, oppression, gender disparity index	
Unit-2	Theories of Women Exploitation	12Hrs

2.1	Marx- Engel's theory of exploitation	
2.1.2	Exchange theory and exploitation	
2.1.3	Perspective of Gary S Becker	
2.1.4	Amartya Sen on women exploitation	
<b>Unit-3</b>	<b>Social Security and Social Protection</b>	<b>12Hrs</b>
3.1	Need for social security	
3.2	Need for gender concerns in designing social security policy	
3.3	Government policy and Affirmative action	
3.4	Gender analysis of existing social security programmes	
3.5	The institution in the provision of social security for women	
3.6	Role of NGO's in the women empowerment	

**References:**

- 1 Maithreyi Krishnaraj, Gender population and Development
- 2 R. K Sen and Anita Banerji, Women and Economic Development

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**Discipline Specific Elective (DSE)**  
**For Semester 2, 3, and 4**  
**Indian Financial System**  
**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**  
**Class Duration: 16 Weeks / 2 Hours a week = 32 Hrs.**

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**Course Objectives:**

1. To understand the role of financial institutions in India.
2. To examine the working of the various commercial banks.
3. To understand the meaning and significance of micro finance.

**Course Learning Outcome(CO):**

CO	After the completion of this course the student will be able to	Cognitive level
CO-01	To analyze the changing role of financial institutions, SEBI and structure of Indian Financial System.	Analyze
CO-02	To analyze the working different types of commercial banks.	Analyze

CO-03	To analyze the working of micro finance institutions.	Analyze
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<b>Unit-1</b>	<b>Introduction</b>	<b>08 hrs</b>
1.1	Role and significance of Indian Financial system	
1.2	Changing the role of financial institutions in India	
1.3	Changing structure of Indian Financial system	
1.4	Stock Exchange- SEBI- Functions	
<b>Unit-2</b>	<b>Commercial banking in India</b>	<b>14 hrs</b>
2.1	Evolution of Banking in India	
2.2	Nationalization of Banks- Arguments for and Against	
2.3	Lead bank scheme	
2.4	Commercial banks	
2.5	Growth and performance of commercial banks	
2.6	Profit planning	
2.7	Profit management	
2.8	Merchant banks	
2.9	Investment banks	
2.10	Off bank activities- consultancy, research and development	
2.11	Mergers of commercial banks	
2.12	Regional Rural Banks	
2.13	Banking sector Reforms- Narasimhan Committee Recommendations	
<b>Unit-3</b>	<b>Micro Finance</b>	<b>10hrs</b>
3.1	Meaning and Significance	
3.2	Self-help groups	
3.3	Bank Linkage Programme (SBLP) Model	
3.4	Micro Finance Institutions (MFI) Model	
3.5	Progress and Problems of Micro finance in India	
3.6	Impact of Microfinance in India	

### References:

- 1 Shekar K C and Lekshmy Shekar (1999), Banking Theory and Practice, Vikas Publishing House, New Delhi.
- 2 Varshney P N and D K Mittal, (2003), Indian Financial System, Sultan Chand and Sons, New Delhi.
- 3 Machiraj H R, (2002), Indian Financial Systems, Vikas Publishing House, New Delhi.

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## V- SEMESTER – ECONOMICS

### Discipline Specific Core (DSC) Paper – 5 (Compulsory Paper)

#### MANAGERIAL ECONOMICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

#### Course Objectives:

1. To Familiarize with micro economic concepts used in business decision making.
2. To understand the theoretical concepts and its application in the business world.

#### Course Learning Outcome (CO):

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To link micro economic concepts to business decision making.	Analyze
CO-02	To summarize the theoretical concepts and its application in the business world.	Understand

<b>Unit 1</b>	<b>Introduction to Managerial Economics</b>	<b>10 Hrs</b>
1.1	Meaning and definition of Managerial economics	
1.2	Nature and scope of managerial economics	
1.3	Relationship to other branches of learning	
1.4	Usefulness of managerial economics	
1.5	Fundamental Concepts of Managerial Economics	
<b>Unit 2</b>	<b>Demand forecasting</b>	<b>14 Hrs</b>
2.1	Meaning, objectives and determinants of demand forecasting	
2.2	Demand Forecasting-methods-survey method and statistical	

	methods-semi average, moving average and least square methods (with emphasis on problems)	
<b>Unit 3</b>	<b>Linear Programming</b>	<b>14 Hrs</b>
3.1	Meaning- Applications of Linear programming	
3.2	Basic Concepts- Cost minimization and Profit maximization	
3.3	Graphic Method- Procedure used in formulating and Solving Linear Programming Problems.	
<b>Unit 4</b>	<b>Pricing Policy and Profit Management</b>	<b>10 Hrs</b>
<b>4.1</b>	<b>Pricing Policy</b>	
4.1.1	Meaning and Methods- Cost Plus or Mark-up Pricing- Multiple Product Pricing – Transfer Pricing – Skimming and Penetration Price policy.	
<b>4.2</b>	<b>Profit management</b>	
4.2.1	Meaning of Profit- Accounting Profit and Economic Profit – Break-even Analysis- Problems Break-even quantity, Break-even Sales- Safety Margin.	

#### References:

- 1 Salvatore Dominic -**Managerial Economics**, McGraw Hill, New York.
- 2 Seo K.K. -**Managerial Economics**- Surjeet publications, Delhi.
- 3 Peterson H. Craig and W. Cris Lewis -**Managerial Economics**, Pearson Education, Singapore.
- 4 Maheswari & Varshney - **Managerial Economics**
- 5 Joel Dean –**Managerial Economics**

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**V – SEMESTER – ECONOMICS**  
**DISCIPLINE SPECIFIC CORE (DSC) PAPER – 6 (COMPULSORY PAPER)**  
**ECONOMICS OF DEVELOPMENT**  
**MARKS THEORY – 70 + INTERNAL ASSESSMENT 30 = 100**

**CLASS DURATION: 16 WEEKS / 3 HOURS A WEEK = 48 HRS.**

**Course Objectives:**

1. To understand the concept of development.
2. To evaluate the general theories of growth.
3. To evaluate the partial theories of development.
4. To distinguish the factors in the development process.

**Course Learning Outcome.(CO)**

<b>CO</b>	<b>After the completion of this course the student will be able</b>	<b>Cognitive level</b>
CO-01	To Measure economic development.	Evaluate
CO-02	To assess the general theories of growth.	Evaluate
CO-03	To assess the partial theories of development.	Evaluate
CO-04	To evaluate the factors in the development process.	Evaluate

<b>Unit 1</b>	<b>Introduction to Economic Development</b>	<b>14 Hrs</b>
1.1	Concept of development-definition-distinction between economic growth and development	
1.2	Sustainable development	
1.3	Characteristics of developing countries	
1.4	Measures of economic development: Gross National Product(GNP)- Per capita Income, Net Economic welfare, Physical quality of life index(PQLI), Human Development Index(HDI) Gender Development Index(GDI) Gender Empowerment Measure(GEM), Human Poverty Index(HPI).	
<b>Unit 2</b>	<b>General Theories of Economic Growth</b>	<b>14 Hrs</b>
2.1	Adam Smith's theory	
2.2	David Ricardo's theory	
2.3	T.R. Malthus's theory	

2.4	Karl Marx's theory	
2.5	Schumpeter's theory	
2.6	Rostow's Growth theory.	
<b>Unit 3</b>	<b>Partial theories of Economic Development</b>	<b>10 Hrs</b>
3.1	Labour surplus Model (Arthur Lewis)	
3.2	Big push theory	
3.3	Critical Minimum effort thesis	
3.4	Balanced Vs. Unbalanced Growth.	
<b>Unit 4</b>	<b>Factors affecting Development Process</b>	<b>10 Hrs</b>
4.1	Capital Accumulation-capital-output ratio-	
4.2	Technology and economic development	
4.3	Institutional factors- State and Markets- State Failure- Market Failure	
4.4	Rethinking on the role of the state.	

#### References:

1. Todaro M.P- **Economic Development in the Third World**, Orient Longman, united Kingdom.
2. Benjamin Higgins- **Economic Development**, W.W. Norton and Company Inc New York
3. Taneja M.L. and R.M. Myer - **Economics of Development and Planning** Shoban Lal Nagin Chand and Co. Delhi
4. Mishra S.K. and V.K. Puri - **Economic Development and Planning**, Himalaya Publishing House, Mumbai
5. Thirlwall A.P- **Growth and Development- With Special Reference to Developing Economies**, Palgrave Macmillan, New York.

**V - SEMESTER- ECONOMICS**  
**Discipline Specific Core (DSC) Paper – 7(Elective)**  
**ENVIRONMENTAL ECONOMICS**  
**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**  
**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

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#### Course Objectives:

1. To introduce economic perspectives of modern environmental issues.

2. To understand the impact of environmental pollution.
3. To analyze the effect of population on environment.
4. To understand the nature of local and global environmental problems.

#### Course Learning Outcome(CO)

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To assess the economic perspectives of environmental issues.	Evaluate
CO-02	To assess the impact of pollution on environment.	Evaluate
CO-03	To measure the impact of population on environment.	Evaluate
CO-04	To analyze the policies to solve environmental problems.	Analyze

<b>Unit 1</b>	<b>Introduction</b>	<b>6Hrs</b>
1.1	Environmental Economics- Meaning and Importance	
1.2	Relationship between Environment and Economic Development	
1.3	Sustainable development and its importance	
1.4	Strategies for sustainable development	
<b>Unit 2</b>	<b>Pollution and Its Impact on the Environment</b>	<b>14 Hrs</b>
2.1	Meaning and Definitions of Pollution	
2.2	Air Pollution, Water Pollution, Noise Pollution: Causes, consequences	
2.3	Various methods to control pollution.	
2.4	Pollution and Externalities	
2.5	Types of Externalities	
2.6	The divergence between social cost and private cost.	
<b>Unit 3</b>	<b>Population and Environment</b>	<b>6 Hrs</b>
3.1	Trends in Global Population	
3.2	Impact of population growth on the environment	
3.3	Urbanization and environmental problems associated with it	
<b>Unit 4</b>	<b>Local and Global Environmental Problems</b>	<b>14 Hrs</b>
4.1	Municipal Solid Waste, E-waste, Medical waste	
4.2	Economics of recycling	

4.3	People's participation in controlling local environmental problems	
4.4	Global warming, Green House Effect, Depletion, climate change, Ozone Depilation, Threat to Bio-diversity	
4.1.5	Conflicts between consumerism and the environment	
<b>Unit 5</b>	<b>Nature of Environmental Problems and Policies in India</b>	<b>8 Hrs</b>
5.1	India's Environmental problems	
5.2	Role of Pollution Control Board	
5.3	Department of Ministry of Environment, Constitutional provisions for Environmental Protection	

#### References:

- 1 Turner R Kerry, David Pearce & Ian Bateman, - **Environmental Economics – An Elementary Introduction**, The Johns Hopkins University Press, Baltimore.
- 2 Sankaran S- **Environmental Economics**, Margham Publications, Madras
- 3 Eugene T -**Environmental Economics**, Vrinda Publications (P) Ltd., New Delhi
- 4 Karpagam, **Environmental Economics**
- 5 Rajalakshmi and Dulasi Brinda, **Environmental Economics**

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### V - SEMESTER- ECONOMICS

#### Discipline Specific Core (DSC) Paper – 7 (Elective)

#### INDUSTRIAL ECONOMICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs**

#### Course Objectives:

1. To understand the evolution of Industrial Economics.
2. To evaluate the role and problems of a firm.
3. To analyze industrial organizations.
4. To understand the importance of industrial location, productivity and efficiency.

**Course Learning Outcome(CO)**

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To compare the relationship between industrial economics with other sciences.	Understand
CO-02	To assess the problems of a firm.	Evaluate
CO-03	To distinguish the industrial organization.	Analyze
CO-04	To evaluate industrial location, productivity and efficiency.	Evaluate

<b>Unit 1</b>	<b>Introduction to Industrial Economics</b>	<b>6 Hrs</b>
1.1	Meaning and Definition: Scope of Industrial Economics	
1.2	Relationship between Industrial Economics and Economics	
1.3	Evolution of Industrial economics	
<b>Unit 2</b>	<b>Theory of the Firm</b>	<b>14 Hrs</b>
2.1	Concept of firm	
2.2	Features and objectives, Size of firm	
2.3	Optimum firm and its determinants	
2.4	Growth of firm, determinants of growth	
2.5	Theories of growth of firm (Downie's theory Penrose's theory and Morris theory)	
<b>Unit 3</b>	<b>Industrial Organization</b>	<b>10 Hrs</b>
3.1	Concept of Industrial Organization	
3.2	Different forms of industrial organization	
3.3	Proprietorship	
3.4	Partnership	
3.5	Joint-stock companies	
3.6	Holding companies and industrial co-operative organization, corporation	
3.7	Choice of organizational form	
<b>Unit 4</b>	<b>Industrial Location</b>	<b>10 Hrs</b>
4.1	Concept of Industrial Location	
4.2	Determinants of location	

4.3	Theories of industrial location (Weber's theory and Sergeant Florence's theory)	
4.5	Industrial location policy, objectives and importance.	
<b>Unit 5</b>	<b>Industrial Productivity and efficiency</b>	<b>8 Hrs</b>
5.1	Concept of Industrial productivity	
5.2	Measurement of total factor and single-factor productivity	
5.3	Determinants of productivity	
5.4	Importance of productivity	
5.5	Efficiency- concept	
5.6	Determinants of economic efficiency.	

### References:

- 1 Bharatwal R.R- Industrial Economics
- 2 Divine A.J. and others - An introduction to Industrial Economics
- 3 Hay D.A. and Morris D.J - Industrial Economics
- 4 Francis Cherunilam - Industrial Economics
- 5 Singh and Sadhu - Industrial Economics

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## V – SEMESTER - ECONOMICS

### Paper – 7 (Elective)

#### INTRODUCTION TO ECONOMETRICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30=100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs**

### Course Objectives:

1. To understand the definition and methodology of Econometrics.
2. To understand the basics of probability and statistical inference.
3. To understand sampling theory and data analysis.

### Course Learning Outcome(CO)

CO	After the completion of this course the student will be able	Cognitive level
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CO-01	To assess the meaning and methodology of Econometrics.	Evaluate
CO-02	To measure probability and statistical inference.	Evaluate
CO-03	To analyze sampling techniques and time series data.	Analyze

<b>Unit 1</b>	<b>The Nature and Scope of Econometrics</b>	<b>06 Hrs</b>
1.1	Meaning of Econometrics	
1.2	Relationship between Econometrics and Statistics, Econometrics and Mathematical Economics, Econometrics and Economics	
1.3	The Methodology of Econometrics – Types of Econometrics.	
<b>Unit 2</b>	<b>Statistical Inference</b>	<b>24 Hrs</b>
2.1	Basics of Probability and Statistics	
2.2	Summation, Notation, Properties of Summation Operation	
2.3	Random Variable, Probability, Random Variables and Probability distribution function	
2.4	Characteristics of the probability distribution	
2.5	Some important probability distributions, Normal distributions, The chi-square distributions 't' distribution and F distribution	
2.6	The relationship among t, F and $\chi^2$ and Normal Distribution	
2.7	Estimation and hypothesis testing	
2.8	The meaning of Statistical Inference	
2.9	Point Estimation and Interval Estimation, Properties of Point Estimation	
2.10	Hypothesis Testing – The Confidence interval approach Type – I and Type II errors	
2.11	The Test of Significance Approach to hypothesis testing	
<b>Unit 3</b>	<b>Sampling Theory</b>	<b>8 Hrs</b>
3.1	Concepts of Population and Sample	
3.2	Sources of Statistical Error	
3.3	Sampling Design	
3.4	Sampling Techniques	
<b>Unit 4</b>	<b>Data Analysis</b>	<b>10 Hrs</b>

4.1	Time-series Data, Cross Section Data and Panel Data	
4.2	Sources of Data – Primary and Secondary Sources	
4.3	Importance of Time Series and Cross-Section Data for Econometrics Measurement	

### References:

- 1 Damodar Gujarati - Essentials of Econometrics, Mc Graw Hill International Edition Economic Series
- 2 Sonia Taylor - Business Statistics, Palgrave, Macmillan Press, New York.
- 3 Sukesh K Ghosh- Econometrics – Theory and Application, Prentice Hall of India Private Limited, New Delhi.

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## VI - SEMESTER- ECONOMICS

### Discipline Specific Core (DSC) Paper – 8 (Compulsory Paper)

#### PUBLIC FINANCE

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

### Course Objectives:

1. To introduce economic perspectives to public finance.
2. To analyze the impact of public expenditure
3. To analyze the sources and effects of Public Revenue.
4. To understand the sources of public debt.
5. To evaluate the budget.

### Course Learning Outcome(CO)

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To understand the importance of public finance.	Understand
CO-02	To evaluate the effect of public expenditure.	Evaluate
CO-03	To understand the sources of public revenue and its impact.	Understand
CO-04	To evaluate the effect of public debt.	Evaluate
CO-05	To assess Government Budget.	Evaluate



<b>Unit 1</b>	<b>Introduction</b>	<b>6 Hrs</b>
1.1	Public Finance- Meaning, definition and scope	
1.2	Differences between public finance and public economics	
1.3	Importance of the study of public finance	
<b>Unit 2</b>	<b>Public Expenditure</b>	<b>8 Hrs</b>
2.1	Principles of Public expenditure	
2.2	Wagner's law of increasing state activities	
2.3	The critical limit hypothesis	
2.4	Kinds of public expenditure and canons of expenditure	
<b>Unit 3</b>	<b>Public Revenue</b>	<b>14 Hrs</b>
3.1	Public revenue-sources of public revenue	
3.2	Tax revenue – types- direct and indirect taxation-proportional, progressive and regressive taxes- specific and advalorem tax (concept)	
3.3	Canons of taxation- principles of taxation-benefit principle-ability to pay principle	
3.4	Impact and incidence and shifting of taxation	
3.5	Effects of taxation	
3.6	Characteristics of a good tax system	
<b>Unit 4</b>	<b>Public Debt, Deficit Financing and Budget</b>	<b>20 hrs</b>
<b>4.1</b>	<b>Public Debt</b>	
4.1.1	Public Debt-meaning, definition, reasons for increasing public debt	
4.1.2	Causes of public debt	
4.1.3	Limits to raising public debt	
4.1.4	Burden of debt	
4.1.5	Debt redemption	
<b>4.2</b>	<b>Deficit financing</b>	
4.2.1	Meaning and objectives	
4.2.2	Techniques of Deficit Financing	
<b>4.3</b>	<b>Budget</b>	
4.3.1	Meaning, Definitions, Classification of budgets	

4.3.2	Programme and performance budget	
4.3.3	Budgetary Deficits-Primary, Revenue and Fiscal Deficits-Zero based budget	

### References:

- 1 Musgrave R.A. and Musgrave-**Public Finance in Theory and Practice**
- 2 Ulrich Holley - **Public Finance in Theory and Practice**
- 3 Bhatia H.L. - **Public Finance**
- 4 Sundaram K.P.M. and K.K. Andley - **Public Finance**
- 5 Singh S.K- **Public Finance in Theory and Practice**
- 6 Agarwal R.C, **Public Finance Theory and Practice**
- 7 Omprakash "Public **Economics**" Vishal Publications

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## VI - SEMESTER – ECONOMICS

### Discipline Specific Core (DSC) Paper – 9 (Compulsory Paper)

#### INTERNATIONAL ECONOMICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

### Course Objectives:

1. To understand the importance of the theories of international trade.
2. To understand the concepts of terms of trade.
3. To analyze free trade versus protectionist policy.
4. To Evaluate financial relations.

### Course Learning Outcome(CO):

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To analyze the importance of theories of trade.	Analyze
CO-02	To evaluate the concepts of terms of trade.	Evaluate

CO-03	To Evaluate commercial policy.	Evaluate
CO-04	To assess trade and financial relations.	Evaluate

<b>Unit-1</b>	<b>Introduction and Theories of International Trade</b>	<b>10Hrs</b>
1.1	Importance of International Economics –Distinction between Internal and International Trade – Need for the study of International Economics	
1.2	Theories of Absolute Cost Advantage and Comparative Cost – Hecksher-Ohlin Theory – Leontief Paradox	
<b>Unit-2</b>	<b>Terms of Trade</b>	<b>10 Hrs</b>
2.1	Various concepts of Terms of Trade- Concept of Reciprocal Demand- Factors Affecting Terms of Trade- Deterioration in Terms of Trade-Gains from trade	
<b>Unit-3</b>	<b>Trade and Commercial Policy</b>	<b>10 Hrs</b>
3.1	Free Trade Vs Protectionist Policy – Relative Merits and Demerits	
3.2	Tariffs: Types and effects of tariffs	
3.3	Import quotas: Types and effects	
3.4	Multinational Corporations- functions- Merits and demerits -Trade Liberalization	
3.5	World Trade Organization (WTO) and its functions	
<b>Unit 4</b>	<b>Balance of Payments</b>	<b>8 Hrs</b>
4.1	Concepts of a balance of trade and balance of payments	
4.2	Disequilibrium in the balance of payments- causes, types and various measures to correct disequilibrium in the balance of payments	
<b>Unit 5</b>	<b>International Monetary system and International Economic co-operation</b>	<b>10 Hrs</b>
5.1	IMF- Origin, functions	
5.2	IBRD- Origin, functions	
5.3	International Economic Co-operation	
5.4	NIEO	
5.5	Economic Co-operation	
5.6	SAARC	

5.7	EU- Origin, Membership, Objectives and Achievements	
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### References:

- 1 Salvatore Dominick -**International Economics**, John Wiley & Sons, inc.
- 2 Mithani D.M - **International Economics**, Himalaya Publishing House, Mumbai.
- 3 Mannur H.G- **International Economics**, Vikas Publishing House Pvt.Ltd., New Delhi
- 4 M L Jhinghan - **International Economics**

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### VI- SEMESTER- ECONOMICS

**Discipline Specific Core (DSC) Paper – 10 (Elective)**

**SUBJECT: BANKING THEORY AND POLICY**

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30= 100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

### Course Objectives:

1. To understand the origin, role and importance of banks.
2. To understand the working of commercial banks.
3. To analyze the role of financial institutions.

### Course Learning Outcome(CO)

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To evaluate the importance of banks.	Evaluate
CO-02	To analyze the role of commercial banks.	Analyze
CO-03	To assess the role of financial institutions.	Evaluate

<b>Unit 1</b>	<b>Introduction</b>	<b>8 Hrs</b>
1.1	Origin of Banking	
1.2	Role and importance of Banks in economic development	
<b>Unit 2</b>	<b>Commercial Banking- Theory and Practice</b>	<b>20 Hrs</b>
2.1	The structure and functions of commercial banks	

2.2	Unit Banking	
2.3	Chain Banking	
2.4	Correspondent Banks	
2.4	Branch Banking	
2.5	Instruments used in the operation of bank accounts -Cheques, drafts, pass-book, Discounting Bills of Exchange, Internet banking, credit card and debit card	
2.6	Credit Creation	
2.7	Banker customer relationship	
2.8	Balance Sheet of a bank	
<b>Unit 3</b>	<b>Co-operative Banks, Development Banks and Non-Bank Financial Institutions</b>	<b>8Hrs</b>
3.1	Co-operative banks and their structure in India	
3.2	Non-bank financial institutions- Meaning, Origin and types	
3.3	Development Banks- Meaning, Objective and Role in economic development	
<b>Unit 4</b>	<b>Money Market and Capital Market</b>	<b>8 Hrs</b>
4.1	Money market –Characteristics, constituents and instruments of Money market	
4.2	Capital market –Characteristics, constituents and instruments of Capital market	
4.3	Problems of Monetary Management in Underdeveloped money market	
<b>Unit 5</b>	<b>The Central Banking</b>	<b>4 Hrs</b>
5.1	Meaning, Definition and Functions of Central bank	
5.2	Role of Central Banks in developing countries	

#### References:

- 1 Panikkar K.K- **Banking theory and systems**
- 2 Shekar K.C - **Banking theory and practice**
- 3 Shekar K C and Lekshmy Shekhar - **Banking Theory and Practice**. Vikas Publishing House Pvt.Ltd., New Delhi

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## VI - SEMESTER - ECONOMICS

### Discipline Specific Core (DSC) Paper – 10(Elective)

#### LABOUR ECONOMICS

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30= 100**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

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#### Course Objectives:

1. To understand definition and concepts of labour economics.
2. To understand the labour market.
3. To understand the concept of wage and labour productivity.
4. To understand the state interventions in labour issues.

#### Course Learning Outcome(CO):

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To evaluate labour as a unique factor of production.	Evaluate
CO-02	To analyze the labour market.	Analyze
CO-03	To assess the theories of wages and measure labour productivity.	Evaluate
CO-04	To evaluate labour policy.	Evaluate

<b>Unit 1</b>	<b>Introduction</b>	<b>08 Hrs</b>
1.1	Labour Economics- Concept and definition	
1.2	Nature, Scope and importance	
1.3	Labour as a unique factor of production	
<b>Unit 2</b>	<b>Labour Market</b>	<b>10 Hrs</b>
2.1	Concept of labour Market and its features	
2.2	Differences between the labour market and the commodity market	
2.3	Labour market imperfections and factors contributing to imperfections	
2.4	Determinants of the supply and the demand for labour	
2.5	Organized and unorganized labour	
<b>Unit 3</b>	<b>Wage</b>	<b>10 Hrs</b>

3.1	Wage concept and definitions	
3.2	wage and development	
3.3	Theories of wages- Classical, Marginal Productivity and Collective bargaining theories of wage	
3.4	wage differentials- wage policy, objectives and importance	
<b>Unit 4</b>	<b>Labour productivity</b>	<b>10 Hrs</b>
4.1	Concept of labour productivity	
4.2	Measurement and importance of labour productivity	
4.3	Determinants of Labour Productivity	
4.4	Causes for low labour productivity and measures to increased labour productivity	
4.5	Technology and labour productivity	
<b>Unit 5</b>	<b>State and Labour</b>	<b>10 Hrs</b>
5.1	Need for state intervention in labour matters	
5.2	Methods of intervention – labour social security and labour welfare measures	
5.3	Labour policy- objectives and importance	
5.4	Emerging perception of state intervention	

### References:

- 1 Bhagoliwal T.N- **Economics of Labour and Industrial relations**, Sahitya havan.
- 2 McConnel C.R. and S.L. Brue - **Contemporary Labour Economics**, McGraw Hill, New York.
- 3 Mittal and Sanjay Prakash Sharma- **Labour Economics**, RSBA Jaipur.

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**VI - SEMESTER - ECONOMICS**  
**Discipline Specific Core (DSC) Paper – 10 (Elective)**  
**Subject Code: LF348**  
**BASIC ECONOMETRICS**  
**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**  
**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

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**Course Objectives:**

1. To understand linear regression model.
2. To analyze Multi regression model.
3. To understand maximum likelihood estimators.
4. To understand Multicollinearity, Heterocedasticity and autocorrelation.

**Course Learning Outcome(CO).**

CO	After the completion of this course the student will be able	Cognitive level
CO-01	To understand the concept of linear regression model.	Understand
CO-02	To measure multi regression function.	Evaluate
CO-03	To measure maximum likelihood estimators.	Evaluate
CO-04	To solve problems of Multicollinearity, Heterocedasticity and autocorrelation.	Creative

Unit 1	The Linear Regression	14 Hrs
1.1	Basic ideas of Linear Regression Model	
1.2	Two-Variable Model	
1.3	Population Regression function (PRF)	
1.4	Sample Regression Function (SRF)	
1.5	Classical Linear Regression Model	
1.6	Method of Ordinary Least Square (OLS)	
1.7	Properties OLS Method	
1.8	Gouss – Markow Theorem	



1.9	Hypothesis Testing	
1.10	Test of goodness of fit $R^2$ and corrected $R^2$	
1.11	Normality tests and standard error test	
<b>Unit 2</b>	<b>Multiple Regression Analysis</b>	<b>14Hrs</b>
2.1	Estimation and Hypothesis testing	
2.2	Assumption of Multiple Linear Regression Model	
2.3	Three variable Linear Regression Model	
2.4	Partial Regression Co-efficient	
2.5	Estimation of parameters of Multiple Regression	
2.6	Determination of $R^2$ and standard error	
2.7	Comparing two or more $R^2$ values and adjusted $R^2$	
2.8	Introduction to Matrix approach to the estimation of parameters of more than three variables	
<b>Unit 3</b>	<b>Maximum Likelihood Estimators</b>	<b>6Hrs</b>
3.1	Properties of Maximum Likelihood Estimates	
<b>Unit 4</b>	<b>Special Problems in single Equation Linear Models</b>	<b>14 Hrs</b>
4.1.1	Multicollinearity – Nature, Consequences and Remedial measures	
4.1.2	Heteroscedasticity – Nature, Consequences, Detection and Remedial measures	
4.1.3	Auto-Correlation – Nature, Consequences and Remedial measures	

### References:

1	Damodar Gujarati, <b>Basic Econometrics</b> , McGraw Hill International Student
2	Damodar Gujarati, <b>Essentials of Econometrics</b> , McGraw Hill International Edition – Economic Series, Irwin – Mc Graw Hill
3	Koutsoyiannis, <b>A Theory of Econometrics</b> , Palgrave, Delhi
4	Sukesh K Ghosh, <b>Econometrics – Theory and Application</b> , Prentice-Hall of India Private Limited, New Delhi

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**Discipline Specific Elective (DSE)**  
**For Semester 5 and 6**  
**Subject Code:**  
**MONETARY ECONOMICS**  
**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**  
**Class Duration: 16 Weeks / 2 Hours a week = 32 Hrs.**

**Course Objectives:**

1. To understand the classification and role of money.
2. To understand the quantity theory of money.
3. To understand business cycle, inflation, deflation and monetary policy.

**Course Learning Outcome (CO):**

<b>CO</b>	<b>After the completion of this course the student will be able</b>	<b>Cognitive level</b>
CO-01	To summarize the classification and role of money.	Understand
CO-02	To evaluate the quantity theory of money.	Evaluate
CO-03	To analyze the implication of business cycle, inflation and deflation and the role of monetary policy.	Analyze

<b>Unit 1</b>	<b>Meaning and functions of money</b>	<b>12Hrs</b>
1.1	Money- meaning, definitions, money and near money	
1.2	Nature of money- functions of money	
1.3	Classification of money	
1.4	Classification based on nature of money- Actual money, money of accounts	
1.5	Classification on the basis of legality- Legal tender, optional money, Cryptocurrency	
1.6	Classification based on money-commodity- metallic- standard money, Token money, Subsidiary money- Merits and demerits	
1.7	Paper money- Representative paper money-merits and demerits	
1.8	Convertible paper money- meaning- merits and demerits	
1.9	Inconvertible paper money- Meaning- merits and demerits	
1.10	Fiat money – Meaning- merits and demerits	
<b>Unit-2</b>	<b>The quantity theory of money</b>	<b>16Hrs</b>

2.1	The quantity theory of money- Fisher's equation- Criticisms	
2.2	Cash balance Approach- Marshal, Pigou, Keynes- Criticisms	
2.3	Restatement of the Quantity theory of money- Milton Friedman- Criticisms	
<b>Unit-3</b>	<b>The business cycle, Inflation, Deflation, Monetary policy</b>	<b>04Hrs</b>
3.1	Business cycle-Meaning, Phases, control of the business cycle	
3.2	Inflation- Meaning, types, causes and consequences	
3.3	Inflationary gap	
3.4	Deflation-Meaning and effects	

### References:

- 1 Shubik Martin "The Theory of Money and Financial Institutions" (1999), volume I and II Cambridge, the MIT Press.
- 2 Stiglitz, Joseph E and Bruce, E Greenwald (2003), Towards a New Paradigm in Monetary Economics, Cambridge, the University Press.
- 3 Hajala T N(1998) Monetary Economics, Kanark Publishing Pvt, Limited, New Delhi
- 4 Suraj B Gupta (2004) Monetary Economics, Institutions, Theory and Policy, S Chand and Company Limited, New Delhi

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### Discipline Specific Elective (DSE)

#### INTRODUCTION TO RESEARCH METHODOLOGY

**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**

**Class Duration: 16 Weeks / 2Hours a week = 32 Hrs.**

### Course Objectives:

1. To understand the meaning, types and methods of research methodology.
2. To understand the planning and objective of research.
3. To understand the different sampling technique, report writing and documentations.

### Course Learning Outcome

CO	After the completion of this course the student will be able	Cognitive level
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CO-01	To summarize the meaning of research, types and evaluate the methods of research methodology.	Understand
CLO-02	To Identify research problems.	Remember
CLO-03	To able identify different sampling techniques.	Remember

<b>Unit-1</b>	<b>Foundations of research, types and, methods of research</b>	<b>12Hrs</b>
1.1	Meaning and definition of research	
1.2	Characteristics	
1.3	Social science research- meaning, scope and objectives	
1.4	Need for research in economics	
1.5	Classification of Research- Pure and Applied research, exploratory, diagnostic, evaluative, experimental research, Case study and Field study	
<b>Unit-2</b>	<b>Planning and objective of research</b>	<b>10 Hrs</b>
2.1	Identification of research problem	
2.2	Review of literature- objectives	
2.3	Hypothesis- concepts	
2.4	Research plan- Steps in research	
<b>Unit-3</b>	<b>Sampling technique and Report writing</b>	<b>10 Hrs</b>
3.1	Sampling technique- meaning- types, Probability sampling technique and Non Probability sampling technique	
3.2	Choice of sampling technique	
3.3	Sample design and Size determination	
3.4	Report writing- Types of report, Research report format, Documentation, Footnote and Bibliography, Writing the report and Presentation	

### References:

- 1 Krishnaswamy O R –Research methodology in social sciences, Himalaya publication house, Mumbai
- 2 Kurien CT –Research methodology in Economics institute of development studies, Madras

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### **Discipline Specific Elective (DSE)**

#### **ECONOMIC THOUGHT**

**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**

**Class Duration: 16 Weeks / 3 Hours a week = 48 Hrs.**

#### **Course Objectives:**

1. To understand economic thought from the ancient period to Physiocracy.
2. To understand classical, neoclassical and selected Nobel laureates theories.
3. To understand Gandhi, Nehru, Ambedkar and Amartya Sen's thoughts on economic development.

#### **Course Learning Outcome (CO):**

<b>CO</b>	<b>After the completion of this course the student will be able</b>	<b>Cognitive level</b>
CO-01	To evaluate the economic thought from ancient period to physiocracy.	Evaluate
CO-02	To evaluate classical, neo classical and selected Nobel laureates theories.	Evaluate
CO-03	To evaluate Gandhi, Nehru, Ambedkar and Amartya Sen's thoughts on economic development.	Evaluate

<b>Unit-1</b>	<b>Introduction</b>	<b>06Hrs</b>
1.1.1	Economic thought during the ancient period	
1.1.2	Mercantilism and Phsyicocracy (Brief introduction)	
<b>Unit-2</b>	<b>Classical, Neo-Classical and Some selected Nobel Laureates' in Economics</b>	<b>10Hrs</b>
<b>2.1</b>	<b>Classical Economics</b>	
2.1.1	Adam smith: Theory of value, Division of Labour, Cannons of taxation, Pre-trade.	

2.1.2	David Ricardo- Theory of value, Theory of Rent, Trade theory	
2.1.3	T R Malthus- Theory of Population, underconsumption theory	
<b>2.2</b>	<b>Neo-Classical Economics</b>	
2.2.1	Alfred Marshall- Theory of Value, Cardinal analysis.	
2.2.2	Some selected Nobel Laureates	
2.2.3	P A Samuelson- revealed preference theory- Social welfare function and his contribution to international trade	
2.2.4	Gunner Myrdal- Theory of economic development., Amartya sen, Abhijith Banerjee	
<b>Unit-3</b>	<b>Indian Economic Thought</b>	<b>16hours</b>
3.1	Mahatma Gandhi- Limiting wants, Swadesi movement, Sarvodaya industrialization, Trusteeship and industrial relations and sanctity of work.	
3.2	B R Ambedkar – Provincial finances, smallholding, state socialism.	
3.3	J N Nehru – Planning, heavy industries- rural development, panchayat raj institutions, socialism	
3.4	Economics of Amartya Sen- Poverty and Famine analysis, views on economic development, Human capability approach.	

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### **Discipline Specific Elective (DSE)**

#### **PROJECT**

**MARKS THEORY – 30 + INTERNAL ASSESSMENT -20 = 50**

**Class Duration: 16 Weeks / 2 Hours a week = 32 Hrs.**

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#### **Course Objectives:**

1. To understand and to construct the objectives and the hypothesis of the research.
2. To provide knowledge about the variables and identify them in their area of research.
3. To understand the method to prepare a research project.

#### **Course Learning Outcome(CO):**

CO	After the completion of this course the	Cognitive level
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	<b>student will be able</b>	
CO-01	To understand the various methods of collecting data and its interpretation.	Understand
CO-02	To identify the area of research.	Remember
CO-03	To publish research findings.	Apply

### **Terms of project evaluation**

Right from the initial stage of defining the problem, the candidate has to submit the progress report periodically and also present his/her progress in the form of seminars in addition to regular discussion with the guide.

### **Components of evaluation are as follows:**

- Internal assessment- periodic progress and progress reports (10 marks)
- Result of the report and draft report (10 marks)
- Final viva voce (15 marks)
- Evaluation (15 marks)

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### **B.Com**

#### **FOURTH SEMESTER**

#### **SUBJECT: ECONOMICS**

#### **DISCIPLINE SPECIFIC CORE (DSC)**

#### **TITLE: BUSINESS DECISION**

**Class Duration: 16 Weeks with 4 Hours a week = 64 Hrs.**

**Marks: Theory 70 + Internal Assessment 30 = 100**

### **Course Objectives:**

1. To Familiarize with micro economic concepts used in business decision making.
2. To understand the theoretical concepts and its application in the business world.

### **Course Learning Outcome:**

<b>CO</b>	<b>After the completion of this course the student will be able to</b>	<b>Cognitive level</b>
CO-01	To link micro economic concepts to business	Analyze

	decision making.	
CO-02	To summarize the theoretical concepts and its application in the business world.	Understand

<b>1.0</b>	<b>Unit 1.Introduction</b>	<b>12Hrs</b>
1.1	Meaning of Decisions – features – importance – basic concepts of business decisions – factors influencing business decisions.	
<b>2.0</b>	<b>Unit 2.Demand forecasting</b>	
2.1	Meaning and Objectives	<b>12Hrs</b>
2.2	Methods of Demand Forecasting-Survey Methods	
2.3	Statistical methods – semi average method – moving average method – least square method	
<b>3.0</b>	<b>Unit 3.Production &amp; Cost analysis</b>	<b>18Hrs</b>
3.1	<b>Production</b>	
3.1.1	Concept of the production function	
3.1.2	Law of Variable Proportions- Laws of Returns to Scale-Economies of Scale	
3.2	<b>Cost</b>	
3.2.1	Meaning	
3.2.2	Cost concepts – Fixed & Variable cost – Explicit and Implicit cost – Marginal and Average cost	
3.3.3	Cost Curves-short and Long run.	
<b>4.0</b>	<b>Unit 4.Market Structures</b>	<b>08hrs</b>
4.1	Pure and Perfect competition- Features-Price and output determination in the Short and long period.	
4.2	Monopoly-Meaning-Types- Price and output determination-discriminating monopoly	
4.3	Monopolistic Competition-features-price and output determination.	
4.4	Oligopoly- Price and output determination-kinked demand curve-price leadership-cartels	
<b>5.0</b>	<b>Unit 5.Pricing Policies &amp; Practices</b>	<b>14Hrs</b>
5.1	Cost-plus Pricing or Markup Pricing	



5.2	Marginal Cost Pricing	
5.3	Multiple Products Pricing	
5.4	Competitive bidding of prices.	

### **Assignment for skill enhancement (Any 5)**

1. Demand forecasting based on the least square method.
2. An illustration of the calculation of incremental cost and incremental revenue.
3. Preparation of questionnaire to elicit the opinion of consumers – consumer durables/non Durable
4. Construction of return to scale curve
5. Separation of fixed and variable cost from the total cost and deriving marginal costs from the total Costs
6. Problems regarding full cost and marginal cost pricing.
7. Problems of capital budgeting (1) Payback (2) N.P.V.Index
8. Problems of cost of capital

### **References:**

- |  |   |                    |
|--|---|--------------------|
| 1. Financial Management                    | : | M.Y.Khan &P.K.Khan |
| 2. Financial Management                    | : | B S Raman          |
| 3. Pricing Strategies                      | : | Oxenfeldt          |
| 4. Behavior of Industrial Prices in India  | : | RuchiraChetterji   |
| 5. Industrial Pricing and Market Prices    | : | Oxenfeldt          |
| 6. Economic Theory and Operations Analysis | : | Baumol             |
| 7. Managerial Economics                    | : | Maheswary          |

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## **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

### **I - SEMESTER**

### **SUBJECT:ECONOMICS**

### **Discipline Specific Core (DSC)**

### **TITLE: PRINCIPLES OF ECONOMICS**

**Class Duration: 16 Weeks with 6 Hours a week = 96 Hrs**

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

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**OBJECTIVE OF THE PAPER:**

To introduce the basic concepts of Micro Economics so as to strengthen the students understanding of Economics, make the students understand how day to day Economic problems can be solved.

**TEACHING METHOD:**

Lecture method with examples, ICT to make the concepts clear.

**LEARNING OUTCOME:**

Sound knowledge in Micro Economics

<b>Unit 1 Introduction to Micro Economics</b>		<b>14 Hrs</b>
1.1	Introduction to Economics- Meaning and definition- Scope of Economics	
1.2	The problem of choice	
1.3	Micro Economics- Meaning, Types, Scope, Importance and limitations,	
1.4	Macro Economics-Meaning, Types, Scope, Importance and Limitations	
<b>Unit 2 Theories of Consumer's Behavior</b>		<b>20 Hrs</b>
2.1	<b>Cardinal Approach</b>	
2.1.1	Utility- Meaning- Characteristics-difference between utility and satisfaction- Total Utility and	
2.1.2	Marginal Utility	
2.1.3	The law of diminishing Marginal Utility-Assumptions-statement of the law- criticisms- importance	
2.1.4	The law of Equi-marginal utility-Assumptions-statement of the law- criticisms-importance	
2.1.5	Consumer's Surplus- Assumptions-statement of the law- criticisms- importance	
2.2	<b>Ordinal Approach</b>	
2.2.1	Indifference Curves- meaning, Schedule, Map, Consumer's equilibrium, Price, income and substitution effects- Criticisms of the indifference curve	
2.2.	Revealed Preference theory-Assumptions-statement and explanation of the	
<b>Unit 3 Theory of demand and supply</b>		<b>20Hrs</b>
3.1	<b>Demand</b>	
3.1.	Demand- Meaning- Factors determining demand-Individual and Market	

3.1. 2	law of Demand-Assumptions-statement of the law-Demand Schedule- Demand Curve, Exceptions to the law of demand- Increase and Extension in demand - Decrease and Contraction in demand	
3.1. 3	The elasticity of demand- types and measurement of demand (Simple Calculations)	
3.2	<b>Supply</b>	
3.2.	The elasticity of demand- types and measurement of demand (Simple	
3.2. 2	Supply-meaning, - factors influencing the supply	
3.2. 3	Law of Schedule- Supply Schedule- Supply curve- Extension and Contraction of Supply- Elasticity of Supply	
		<b>20Hrs</b>
4.1	<b>Product Pricing</b>	
4.1.	Pure competition-Features - Perfect Competition- Features- Price and	
4.1.	Monopoly –Features-Price and Output determination- Discriminating	
4.1.	Monopolistic Competition- Features, types - Price and output determination	
4.1. 4	Oligopoly- features, kinked demand curve, Collusive and non-collusive oligopoly, cartels and price leadership	
4.2	<b>Factor Pricing</b>	
4.2.	Marginal Productivity theory of Distribution-Modern theory of Distribution-	
<b>Unit 5 Theories of Employment and Business Cycle</b>		<b>22 Hrs</b>
5.1	<b>Theories of Employment</b>	
5.1.	Classical Model-Say's Law of Market-Wage Price Flexibility-Criticisms	
5.1.	Keynesian model-Effective Demand-Aggregate Demand	
5.1.	Consumption and Investment Function	
5.2	<b>Business Cycle</b>	
5.2.	Business Cycle-Meaning –Phases of Business Cycle	
5.2. 2	Control of Business Cycle-Monetary and Fiscal Policy-Meaning-Objectives – Instruments	

### References:

6. McConnell.Campbell and Stanley Bruce, Microeconomics, McGraw Hill Irwin, New York
7. Samuelson P.A, **Economics**, Tata McGraw-Hill Publishing Company Limited, New Delhi
8. Mukherjee Sampat - **Modern Economic Theory**, New Age International Publishers,

New Delhi

9. Sankaran S- Economic **Analysis**, Magnum Publications, Madras
10. Mithani D.M- **Modern Economic Analysis**, Himalaya Publishing House, Mumbai
11. Ahuja- Principles of Economics

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**BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

**II - SEMESTER**

**SUBJECT: ECONOMICS**

**Discipline Specific Core (DSC)**

**TITLE: MANAGERIAL ECONOMICS**

**Subject Code: BBB 220**

**Class Duration: 16 Weeks with 4 Hours a week = 64 Hrs**

**MARKS THEORY – 70 + INTERNAL ASSESSMENT -30 = 100**

**Subject Code: BBB220**

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**OBJECTIVES OF THE PAPER:**

It is a bridge between Economic theory and practical business problems. An understanding of Managerial Economics helps students to make decisions in a modern firm or a business unit.

**TEACHING METHOD:**

Lecture method with ICT, work out the problems

**LEARNING OUTCOMES:**

	<b>Unit 1:Introduction to Managerial Economics</b>	<b>15Hrs</b>
<b>1.1</b>	Meaning and definition of managerial economics	
<b>1.2</b>	Nature and scope of managerial economics	
<b>1.3</b>	Relationship to other branches of learning	
<b>1.4</b>	The usefulness of managerial economics	
<b>1.5</b>	Fundamental concepts of managerial economics.	
<b>Unit 2</b>	<b>Demand forecasting</b>	<b>16Hrs</b>

<b>2.1</b>	Meaning, objectives and determinants of demand forecasting	
<b>2.2</b>	Demand Forecasting-methods-survey method and statistical methods-semi average, moving average and least square methods (with emphasis on problems)	
<b>Unit 3</b>	<b>Linear Programming</b>	<b>18Hrs</b>
<b>3.1</b>	Meaning- Applications of Linear programming	
<b>3.2</b>	Basic Concepts- Cost minimization and Profit maximization	
<b>3.3</b>	Graphic Method- Procedure used in formulating and Solving Linear Programming Problem.	
<b>Unit 4</b>	<b>Pricing Policy and Profit Management</b>	<b>15Hrs</b>
<b>4.1</b>	<b>Pricing Policy</b>	
4.1.1	Meaning and Methods- Cost Plus or Mark-up Pricing- Multiple Product Pricing – Transfer Pricing – Skimming and Penetration Price policy.	
<b>4.2</b>	<b>Profit management</b>	
4.2.1	Meaning of Profit- Accounting Profit and Economic Profit – Break-even Analysis- Problems Break-even quantity, Break-even Sales- Safety Margin.	

This paper will help in bring the gap between the theories and practice in the context of an industry

#### **Text Books**

- 1 Salvatore Dominic -**Managerial Economics**, McGraw Hill, New York.
- 2 Seo K.K. -**Managerial Economics**- Surjeet publications, Delhi.
- 3 Peterson H. Craig and W. Cris Lewis -**Managerial Economics**, Pearson Education, Singapore.
- 4 Maheswari&Varshnay - **Managerial Economics**
- 5 Joel Dean –**Managerial Economics**

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#### **BACHELOR OF BUSINESS ADMINISTRATION (BBA)**

### III-SEMESTER

#### Discipline Specific Core (DSC)

**SUBJECT: ECONOMICS**

**TITLE: INDIAN ECONOMY**

**Subject Code: BBC 240**

**MARKS THEORY 70 + INTERNAL ASSESSMENT 30 = 100**

**Class Duration: 16 Weeks with 4 Hours a week = 64 Hrs.**

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#### **OBJECTIVE OF THE PAPER:**

To understand the economic problems that our country is facing, to understand its causes, provide solutions. To know the process of Economic Development in India

#### **TEACHING METHOD:**

Lecture method with examples- PPT to make the concepts clear- visit to a farm, visit to industry, small scale industry, co-operative society.

#### **LEARNING OUTCOME:**

Basic knowledge in Indian Economy will help the students understand the problems of the Indian Economy and make them think of possible solutions.

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<b>Unit 1</b>	<b>Structure of the Indian Economy</b>	<b>14 Hrs</b>
1.1	Characteristics of the Indian Economy	
1.2	Natural Resources- Meaning –Role of Natural Resources in the economic development of India	
1.3	Human resources- Meaning -the importance of human resource in the economic development of India Size and trends in India's Population-Demographic features of India's population- – population explosion- Meaning- Causes and consequences of Population explosion-control of Population- Recent population policies.	
1.4	National Income of India – National income estimates in India – Trends in National Income – Income Inequalities in India- Meaning, causes, consequences and measures to control the it-Parallel economy.	

<b>Unit 2</b>	<b>Agriculture and Industrial Sector in India:</b>	<b>10Hrs</b>
2.1	<b>Role of agriculture in India's economic development</b>	
2.1.1	Cropping pattern in India	
2.1.2	National Agriculture Policy	
2.1.3	Food Security in India-Public Distribution System	
2.1.4	Agricultural Labour -Problems and Remedies	
2.2	<b>Industrial Sector in India:</b>	
2.2.1	Importance of industrialization	
2.2.2	Industrial policy since 1991	
2.2.3	Problems of large scale industries	
2.2.4	Role and problems of small scale industries	
2.2.5	Disinvestment – policies and issues	
2.2.6	The emergence of the IT industry.	
<b>Unit 3</b>	<b>India's Foreign Trade:</b>	<b>20 Hrs</b>
3.1	Foreign Trade – Meaning-Difference between Internal and Foreign Trade – Importance of Foreign Trade Value and Volume of India's Foreign Trade-Composition of India's Export and Import Trade – Direction of India's Export and Import Trade	
3.2	India's Balance of Payments – meaning- differences between Balance of trade and Balance of payments –Foreign Exchange Reserves- the impact of WTO on India's foreign trade	
<b>Unit 4</b>	<b>Indian Fiscal System and Challenges to Development</b>	<b>20 Hrs</b>
4.1	Revenue and Expenditure of the central and state governments- public debt management- financial relations between centre and state	
4.2	<b>Challenges to development:</b>	
4.2.1	Poverty - Meaning, Types, Causes, Magnitude, and Poverty eradication programmes in India (with emphasis on the recent programme)	
4.2.2	Unemployment in India-Meaning, Types, magnitude, Remedial measures to reduce unemployment.	

**Text Books:**

- 1 DuttRuddar and Sundaram K.P.M -**Indian Economy**, S. Chand and Co New Delhi
- 2 MisraS.k. and V.K. Puri - **Indian Economy**, Himalaya publishing house, Mumbai.
- 3 Agarwal A.N - **Indian Economy-problems of development and planning**, VishwaPrakashan, New Delhi
- 4 Kapila and Umakapila “Indian **Economy**”

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**BLUE PRINT OF THE QUESTION PAPER  
DISCIPLINE SPECIFIC CORE (DSC)**

BA

Semester –I to VI

Time: 3 hours

Max Marks: 70

	Part A	
	Answer all the Questions	10 X 2= 20 marks
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
	Part B	
	Answer any four of the following Questions	4 X5=20
11		
12		
13		
14		
15		
16		
	Part C	
	Answer all the Questions	3 X10=30
17a		
Or		



17b		
18a		
Or		
18b		
19a		
Or		
19b		

**Blue print of the Question Paper**  
**Discipline Specific Core (DSC)**

**BBA**

**Semester –I II & III**

Max Marks: 70

Time: 3 hours

	Part A	
	Answer any three Questions	3X15=45
1		
2		
3		
4		
5		
	Part B	
	Answer any two of the following Questions	2 x 5= 10 marks
6		
7		
8		
9		
	Part C	
	Answer all the Questions	3 x 5 = 15 marks
10		
11		
12		
13		
14		

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Blue print of the Question Paper  
**Discipline Specific Core (DSC)**

B.Com- Semester IV

Max Marks: 70

Time: 3 hours

	Part A	
	Answer any two of the following Questions	2 X 20= 40
1		
2		
3		
4		
	Part B	
	Answer any two of the following Questions	2 x 10= 20
5		
6		
7		
8		
	Part C	
	Answer any two of the following questions	2 x5=10
9		
10		
11		

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