



'A' Grade by NAAC

**M.A. – Economics (CBCS)  
(2016-17 and 2017-18)**

S. No.	Papers / Course Core (C)	Elective Discipline (ED)	Elective Generic (EG)	Soft Skill , Ability Enhancement, Viva, Attendance etc. (SAVEA)	Project/Essay (PE)
1.	Micro Economics- I (Eco 101 C)	<b>ED-1</b> Labour Economics (Eco 105 ED) <b>OR</b> Agriculture Economics (Eco 106 ED)	Economic Policies of India (Eco 305 EG-1)	Comprehensive Viva (Eco 107 SAVEA-1)	<i>Term Paper</i> Essay on Economic Issues (Eco 307 PE-1)
2.	Macro Economics (Eco 102 C)	<b>ED-2</b> Industrial Economics (Eco 205 ED) <b>OR</b> Economics of Insurance (Eco 206 ED)	Madhya Pradesh Economy (Eco 405 EG-2)	Communication & Personality Development (Eco 207 SAVEA-2)	Project on any Economic Issues related Village to World (Eco 407 PE-2)
3.	Public Economics (Eco 103 C)	<b>ED-3</b> Mathematical Economics (Eco 303 ED) <b>OR</b> Demography (Eco 304 ED)	<b>Or</b> Subjects Offered by other SOS of the University	Entrepreneurship Development (Eco 306 SAVEA-3)	
4.	Quantitative Techniques and Statistics (Eco 104 C)	<b>ED-4</b> Econometrics (Eco 403 ED) <b>OR</b> Gender Economics (Eco 404 ED)		Computer Applications Theory and Practice (Eco 406 SAVEA-4)	
5.	Micro Economics- II (Eco 201 C)				
6.	Statistical inferences and Research methods (Eco 202 C)				
7.	International Economics (Eco 203 C)				
8.	Monetary Economics and Banking (Eco 204 C)				

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9.	Indian's Foreign trade & International Institutions (Eco 301 C)				
10.	Economics of Development and Growth (Eco 302 C)				
11.	Indian Economy (Eco 401 C)				
12.	History of Economic Thoughts (Eco 402 C)				

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M.A. - Economics I Semester (CBCS)

S. No./ Code/Course	Course Components and Name of Course	Inst. Hours (Per Week)	Credits	Exam HRS	Marks		Total
					Max Internal	Max External	
1. Eco 101 C	<b>Core- 1</b> Micro Economics-I	5 HRS	5	3	20	80	100
2. Eco 102 C	<b>Core- 2</b> Macro Economics	5 HRS	5	3	20	80	100
3. Eco 103 C	<b>Core -3</b> Public Economics	5 HRS	5	3	20	80	100
4. Eco 104 C	<b>Core - 4</b> Quantitative Techniques and Statistics	5 HRS	5	3	20	80	100
5. ED-1 Eco 105 ED (Labour Economics) Eco 106 ED (Agriculture Economics)	<b>ElectiveDiscipline -1</b> Labour Economics <b>OR</b> Agriculture Economics	5 HRS	5	3	20	80	100
6. SAVEA-1 Eco 107	<b>SAVEA -1</b> Attendance/ Comprehensive Viva	3 HRS	3		50	50	100
<b>Total Credits and Marks</b>			<b>28</b>				<b>600</b>

Note :- C- Core, ED - Elective Discipline, SAVEA - Soft Skill & Ability Enhancement

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M.A. - Economics II Semester (CBCS)

S. No./ Code/Course	Course Components and Name of Course	Inst. Hours (Per Week)	Credits	Exam HRS	Marks		Total
					Max Internal	Max External	
1. Eco 201 C	<b>Core- 5</b> Micro Economics-II	5 HRS	5	3	20	80	100
2. Eco 202 C	<b>Core- 6</b> Statistical inferences and Research methods	5 HRS	5	3	20	80	100
3. Eco 203 C	<b>Core -7</b> International Economics	5 HRS	5	3	20	80	100
4. Eco 204 C	<b>Core - 8</b> Monetary Economics and Banking	5 HRS	5	3	20	80	100
5. ED-2 Eco 205 ED (Industrial Economics) Eco 206 ED (Economics of Insurance)	<b>Elective Discipline -2</b> Industrial Economics OR Economics of Insurance	5 HRS	5	3	20	80	100
6. SAVEA-2 Eco 207	<b>SAVEA -2</b> Communication & Personality Development (Eco 207 SAVEA)	3 HRS	3		20	80	100
<b>Total Credits and Marks</b>			<b>28</b>				<b>600</b>

Note :- C- Core, ED - Elective Discipline, SAVEA- Soft Skill & Ability Enhancement

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M.A. - Economics III Semester (CBCS)

S. No./ Code/Course	Course Components and Name of Course	Inst. Hours (Per Week)	Credits	Exam HRS	Marks		Total
					Max Internal	Max External	
1. Eco 301 C	<b>Core- 9</b> Indian's Foreign trade & International Institutions	5 HRS	5	3	20	80	100
2. Eco 302 C	<b>Core- 10</b> Economics of Development and Growth	5 HRS	5	3	20	80	100
3.ED-3 Eco 303 ED (Mathematical Economics) Eco 304 ED (Demography)	<b>Elective Discipline -3</b> Mathematical Economics <b>OR</b> Demography	5 HRS	5	3	20	80	100
4.EG-1 Eco 305 EG (Economic Policies of India)	<b>Elective Generic-1</b> Economic Policies of India	5 HRS	5	3	20	80	100
5. Eco 306 SAVEA-3 (Entrepreneurship)	<b>Soft Skill &amp; Ability Enhancement -3</b> Entrepreneurship Development	5 HRS	5	3	20	80	100
6. PE-1 Eco 307 PE	<i>Term Paper</i> Essay on Economic Issues (Eco 307 PE-1)	3 HRS	3		50	50	100
<b>Total Credits and Marks</b>			<b>28</b>				<b>600</b>

Note :- C- Core, ED - Elective Discipline, EG- Elective Generic, SAVEA- Soft Skill & Ability Enhancement, PE- Project/Essay

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M.A. - Economics IV Semester (CBCS)

S. No./ Code/Course	Course Components and Name of Course	Inst. Hours (Per Week)	Credits	Exam HRS	Marks		Total
					Max Internal	Max External	
1. Eco 401 C	<b>Core- 11</b> Indian Economy	5 HRS	5	3	20	80	100
2. Eco 402 C	<b>Core- 12</b> History of Economic Thought	5 HRS	5	3	20	80	100
3. ED-4 Eco 403 ED (Econometrics) Eco 404 ED (Gender Economics)	<b>Elective Discipline -4</b> Econometrics <b>OR</b> Gender Economics	5 HRS	5	3	20	80	100
4. EG-2 Eco 405 EG (Economic Policy of Madhya Pradesh)	<b>Elective Generic-2</b> Madhya Pradesh Economy	5 HRS	5	3	20	80	100
5. Eco 406 SAVEA-4 (Computer Applications Theory and Practice)	<b>Soft Skill &amp; Ability Enhancement -4</b> Computer Applications Theory and Practice	5 HRS	5	3	20	80	100
6. PE-2 Eco 407 PE	<b>PE-2</b> Project on any Economic Issues related Village to World (Eco 407 – PE-2)		3		50	50	100
<b>Total Credits and Marks</b>			<b>28</b>				<b>600</b>

Note :- C- Core, ED - Elective Discipline, EG- Elective Generic, SAVEA- Soft Skill & Ability Enhancement, PE-Project/Essay

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**School of Studies in Economics**

**CBCS Pattern**

**Semester-I**

**M.A. Economics**

**MM – 100**

**Paper – I Micro Economics- I (Eco 101 C)**

**Time : 3 Hrs.**

**(M.M.20+80=100)**

Objective: To provide the knowledge about consumer behavior regarding Market and Production units of the firm.

**Unit -1**

General Introduction to Micro / Macro / Positive and Normative Economics / Scarcity and Choice / Rational Behaviour.

**Unit-2**

Utility Analysis, Cardinal Utility The law of Diminishing Marginal Utility, The law of equi-marginal utility, and Ordinal Utility Indifference curves analysis, Price effect, Income Effect, & Substitution Effect. Indifference curve and Budget line, Utility Maximization Rule, Practical significance.

**Unit-3**

Law of Demand & Supply Derivation of demand curve from Price Consumption curve, market demand, Changes in demand and supply and their quantity, Elasticity and their applications, Demand and consumer surplus.

**Unit-4**

Revealed Preference Theory, Consumer choice under uncertainty Hicksian revision of demand theory

**Unit-5**

Production and Cost functions - Law of Variable Proportions - Returns to scale production function of Multi-Product firm Producer's equilibrium - elasticity of substitution - Euler's theorem; Cobb-Douglas production function, Cost Functions Cost curves, ISO-cost curves, traditional and modern cost analysis.

**Recommended Books:**

Varian.H.(2000). Microeconomic Analysis, W W Norton, NewYork.

Stigler G (1996) Theory of Price, 4<sup>th</sup> edition, Prentice Hall of India, New delhi.

Samuelson P A and Nordhaus (1998) Economics, 16<sup>th</sup> edition, Tata Mc Gram Hill, New Delhi.

Ahuja,H.L. Modern Economics, 13<sup>th</sup> edition,2008, s chand and company ltd. New Delhi

Sen A (1999), Micro Economics:Theory and Application, Oxford University Press, New Delhi.

Seth ML, Micro Economics, Laxminaraya publication, Agra

Mishra SK and Puri VK, (2001),Advanced Microeconomic Theory, Himalya Publishing House, New Delhi.

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**School of Studies in Economics**

**CBCS Pattern**

**Semester-I**

**M.A. Economics**

**MM – 100**

**Paper – II Macro Economics (Eco 102 C)**

**Time: 3 Hrs.**

**(M.M.20+80=100)**

Objective: To provide the conceptual knowledge regarding macro economic variables for a national economy.

**Unit -1**

Nature of Macro Economics, Basic Concepts Stock and Flow Variables, Functional relationships, National Income and its measurement, GDP and GNP, Importance of NI Estimation, NI and Economic Welfare, NI Estimation in India.

**Unit – 2**

Macro Economic Equilibrium, Income Determination in Closed and Open Economy, Consumption and Investment Function, Concept of Simple Multiplier, Public Expenditure, Export, Tax, Balanced Budget and Dynamic Multiplier.

**Unit – 3**

The Component of Money Supply. Interest Rate, Theory of Liquidity Preference, IS-LM Analysis and Interest Rate Determination . Monetary Policy and its Instruments.

**Unit – 4**

Theories of Employment, Classical Theory, Say's Law of Market, Classical Model with and without saving and Investment, Criticism of the Model. Keynesian Model with Demand and Supply of Money.. Keynes Vs the Classics. Measurement and Trend of Unemployment in Indian Economy.

**Unit – 5**

Theories of Consumption and Investment- APC and MPC. Factors affecting consumption. Income - Consumption Hypothesis, Saving Function, Paradox of Thrift Investment Function, Determinants of Investments MEC and MEI Theories of Investment, C, S, I measurement in Indian Economy

**Books Recommended:**

1. E.J. Shapiro Macro Economic Analysis
2. W.H.Bransin Macro Economic Theory and Policy
3. M.L.Jhingan Macro Economic Theory
4. M.C.Vaishya Macro Economic Theory
5. SunilBhaduri Macro Economic Analysis'

Macro Economics, Sethi T T.

Rao VKRV (1983), India's National Income, Sage Publication, New Delhi.

Ackley G (1978) Macro Economics:Theory and Policy, Mac'Millan, New York.

*Ghadolija, M.K. Macroeconomics: Theory & Policy RBSA Publisher,  
Chaura Rasta Jaipur.*

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-I**  
**M.A. Economics**  
**MM – 100**  
**Paper – III Public Economics (Eco 103 C)**

**Time: 3 Hrs.**

**(M.M.20+80=100)**

Objective: To develop the conceptual frame work about Government's public economic policies and annual budgeting.

**Unit-1**

Public Choice Voting and Resource Allocation, Public Choice analysis, The Growth of Government significance Failure.

**Unit – 2**

Role of Govt, in Organized Society - Govt, as an agent for Economic Planning & Development Concept of Public Goods, Private Goods and Merit Goods. Theory of Maximum Social Advantage, Theory - Dalton, Pigou's & Musgrav.

**Unit – 3**

Public Expenditure - Wagner's Law of Increasing State Activities, Wiesman, Peacock hypothesis. Effects of Public Expenditure, Efficiency Effect, Incentive Effect, A locative Effect on Distribution, Employment, Economic Stability & Economic Development. Dalton's Norm of Public Expenditure, Fiscal policy and its objectives.

**Unit-4**

Economics of Taxation - Canons of Taxation, Taxable Capacity, Factors Determining Taxable Capacity, and Its Significance. Theories of Taxation Benefit Theory, The Cost Service Theory and Ability to Pay Theory, Incidence of Taxes. Effects of Taxation Efficiency Effect, Incentive Effect, A locative Effect. Effect on Distribution, On Employment, On Economic Stability.

**Unit- 5**

Debt- Public Debt & Economic Growth, Public Debt and Inflation, Public Debt as a means of regulating economy. Debt Burden, Debt redemption, Deficit financing.

**Books Recommended:**

- |                       |  |
|-----------------------|--|
| 1. R.A.Musgrave       | Theory of Public Finance                                 |
| 2. Allan Brownlee     | Economics of Public Finance                              |
| 3. A.C.Pigou          | Public Finance   |
| 4. R.N.Bhargava       | Theory of Working Union of Finance in India              |
| 5. N.R. Bhargava      | Indian Public Finance                                    |
| 6. A.E.A.             | Reading in Fpscal policy                                 |
| 7. A.P. Lerner        | Economics of Employment (Relevant Chapters)              |
| 8. B.R. Mishra        | Indian Federal Finance                                   |
| 9. Andley & Sundharam | Public Economics and Public Finance (Also Hindi Edition) |

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-I**  
**M.A. Economics**  
**MM – 100**  
**Paper – IV Quantitative Techniques and Statistics (Eco 104 C)**

**Time: 3 Hrs.**

**(M.M.20+80=100)**

Objective: This paper provides the statistical and mathematical approach to understand economic principles and policies.

**Unit-1**

Definition, Importance & Scope of statistics, Measures of Central tendency Measures of dispersion and skewness: Correlation Analysis: Correlation Coefficient, Methods of Computing simple correlation, concept of probable Error. Spearman's coefficient of Rank correlation.

**Unit – 2**

Linear and Simultaneous Equations up to Three Variables and Its Application in Economics, e.g., Calculation of equilibrium Prices, Impact of Tax and Subsidy etc. Demand and Supply Model, Calculations of Factor Prices. Calculations of Macro Economic Variables.

**Unit – 3**

Simple Differentiation and its Application in Economics i.e., Calculation of Elasticity of Demand and its Coefficient. Marginal Cost and Revenue. Productivity, Price determination Conditions under different Markets.

**Unit – 4**

Regression Analysis: Concept, Regression lines, finding regression coefficients and equations. Interpolation and Extrapolation; Concept, significance, assumptions, methods of Interpolation and Extrapolation.

**Unit – 5**

Index Numbers: A Conceptual frame work, uses, types, problems in construction of Index numbers, The chain index numbers, Base Shifting and deflating the index numbers, cost of living index numbers.

**Books Recommended :**

1. Gupta & Gupta – Statistics
2. R.G.D.Allen – Statistics for Economics
3. Metha and Madnani – Mathematics For Economics
4. A.L.Bowly – Elements of Statistics
5. Croxton & Cowden – Applied General Statistics
6. JITS Chandan – Statistics for Business & Economics
7. S.R.Gupta – Statistical methods

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-I**  
**M.A. Economics**  
**MM – 100**  
**Paper – V Labour Economics (Eco 105 ED-1)**

Objective: To develop the conceptual frame work about labour and related policies of Labour .

**Time: 3 Hrs.**

**(M.M.20+80=100)**

**इकाई-1 Unit- 1**

श्रम, अर्थ, विशेषताएँ, प्रकार एवं महत्व भारत जैसे विकासपील देश के आर्थिक विकास मे श्रम की भूमिका लक्षण भारत में श्रम बाजार के लक्षण एवं विकास ।

**Labour - Meaning. Peculiarities, Types and Significance Role of Labour in Economic Development of a**

**Developing Country like India. Characteristics and Growth of Labour market in India.**

**इकाई-2 Unit- 2**

मजदूरी का माँग एवं पूर्ति सिद्धांत मजदूरी की विभिन्न अवधारणाएँ

**a** उचित मजदूरी ।

**b.** जीवन निर्वाह मजदूरी

**c.** न्यूनतम मजदूरी ।

राष्ट्रीय मजदूरी नीति , भारत में बोनस की समस्या ।

**Demand and Supply Theory of Wages**

**Various Concepts of Wages :**

**(a) Fair Wages .**

**(b) Living Wages.**

**(c) Minimum Wages**

**Minimum Wages Act. 1948.**

**Wages, Efficiency of Labour and Productivity in India .**

**Wages Policy Under the Five year Plans.**

**Problem of Bonus in India .**

**इकाई-3 Unit- 3**

सामाजिक सुरक्षा – अर्थ उद्गम, विकास उद्देश्य एवं विधियों । भारत में सामाजिक सुरक्षा की विभिन्न योजनाएँ श्रम – कल्याण – अर्थ, उद्देश्य, विकास, क्षेत्र, एवं वर्गीकरण

भारत में विभिन्न अभिकरणों द्वारा संचालित श्रम कल्याण गतिविधियों । **a** सरकार द्वारा

**b** नियोक्ता द्वारा **c** श्रम-संगठनों द्वारा ।

**Social Security – Meaning Origin, Growth, Aims and Methods .**

**Defferent Schemes of Social Security in India .**

**Labour Welfare - Meaning, Aims, Growth, Scope and Classification .**

**Labour Welfare Activities done by different Agenceies in India.**

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- (a) By Government.
- (b) By Employers.
- (c) By Trade Unions .

#### इकाई-4 Unit- 4

औद्योगिक विवाद-अर्थ, प्रकार, कारण, दुष्परिणाम, बचाव एवं समझोते प्रबंध में श्रमिकों की भागीदारी। सामुहिक सौदेबाजी ।

भारत में श्रमिक संघ आन्दोलन का विकास, कठिनाइयाँ, कमियाँ, एवं भारत में श्रमिक संघ आन्दोलन को सशक्त बनाने के उपाय ।

**Industrial Disputes – Meaning Types , Causes Consequence Prevention and Settlement. Industrial Disputes in India – Main Causes and Remedies .**

**Industrial Dispute Act. 1947.**

**Worker's Participation in management.**

**Collective Bargaining .**

**Trade Union Definition, Need Growth, Approaches and Functions.**

**Trade Union Movement in India – Growth, Difficulties, Draw backs and Measures to strengthen the**

**Trade union Movement in India .**

#### इकाई-5 Unit- 5

भारत में औद्योगिक श्रमिकों की आवासीय समस्याएँ

भारत में श्रम अधिनियम

भारत में बाल एवं महिला श्रम ।

बाल श्रम को रोकने के उपाय ।

भारत एवं अंतर्राष्ट्रीय श्रम संगठन ।

**Unit V Problem of Housing of industrial workers in India.**

**Labour Act. 1948.**

**Child and Women Labour in India .**

**Measures to Prevents Child Labour .**

**India and International Labour Organisation.**

**Books Recommended:**

1. Labour Economics: Issue and Policy , M S Chauhan, Omega Publication, Delhi
2. Labour Welfare, Amit Saxena, Centrum Publication, Delhi

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-I**  
**M.A. Economics**  
**MM – 100**  
**Paper – VI Agriculture Economics (Eco 106 ED-1)**

Objective: To develop the conceptual frame work about Agriculture economic issues and policies with its conceptual frame work..

**Time: 3 Hrs**

**(M.M.20+80=100)**

**इकाई-1 Unit- 1**


- 1- कृषि अर्थशास्त्र-अर्थ प्रकृति और क्षेत्र
  - 2- ग्रामीण अर्थ व्यवस्था में कृषि की भूमिका
  - 3- कृषि विकास की अवस्थाएँ
  - 4- लीविस का निदर्श और रेने व फे के द्वारा उसमें सुधार।
- 1- Agricultural Economics - Meaning ,Nature and Scope
  - 2- Role of Agriculture in Indian Economy
  - 3- Stages of Agriculture Development
  - 4- Lewis Model and Rene- Fe contribution.

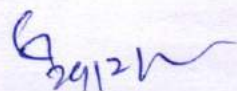
**इकाई-2 Unit- 2**


- 1- कृषि में आगतों के अनुकूलतम संयोग की समस्या (भूमि श्रम व पूंजी के सन्दर्भ में)
  - 2- कृषि पद्धतियों एवं उनके प्रकार-सहकारी बनाम निजी
  - 3- कृषि जोत
  - 4- भारत एवं मध्यप्रदेश में भूमि सुधार
- 1- Optimum Combination problems in Agriculture input ( in reference to Land, Labour and Capital)
  - 2- Agriculture System and their types co operative v/s private
  - 3- Agriculture Holdings
  - 4- Land Reforms in India and M.P.

**इकाई-3 Unit- 3**

- 1- कृषि ऋणग्रस्तता
- 2- कृषि वित्त-स्रोत प्रकार एवं समस्याएँ

  
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- 3- कृषि विपणन- प्रकार एवं समस्याएँ
- 4- कृषि कीमतों में उच्चावचन, कृषि मूल्य नीति, न्यूनतम समर्थन मूल्य
- 1- Agricultural indebtedness
- 2- Agricultural Finance- source , types and problems
- 3- Agricultural Marketing- types and problems
- 4- Fluctuations in Agricultural Prices, Agriculture Price Policy , Minimum Support Price

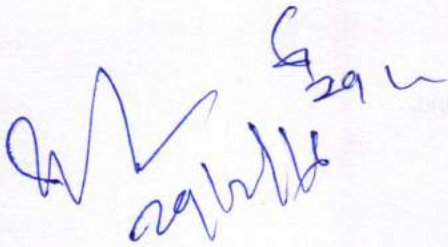
#### इकाई-4 Unit- 4


- 1- योजना काल में कृषि विकास
- 2- कृषि में तकनीकी विकास, सूखी खेती, हरित क्रांति
- 3- फार्म प्रबंधन
- 4- कृषि करारोपण
- 1- Agriculture Development in Planned Periods
- 2- Technological Development in Agriculture, Dry Farming, Green Revolution.
- 3- Farm Management
- 4- Agriculture Taxation.

#### इकाई-5 Unit- 5

- 1- वैश्विक सन्दर्भ में भारतीय कृषि के मुद्दें
- 2- विश्वव्यापार संगठन में कृषि सम्बंधित प्रावधान
- 3- मध्य प्रदेश में कृषि विकास
- 4- मध्य प्रदेश में कृषि सम्बंधित समस्याएँ एवं समाधान
- 1- Issue of Indian Agriculture in Global Perspective
- 2- Provisions regarding Agriculture in W.T.O.
- 3- Agriculture Development in Madhya Pradesh
- 4- Agriculture related problems and suggestions in Madhya Pradesh

  
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School of Studies in Economics  
CBCS Pattern  
Semester-I  
M.A. Economics  
MM – 100 (M.M.50+50)  
Paper – VII Comprehensive Viva-Voce (Eco 107 SAVEA-1)

Its an oral Presentation on all theory paper by the student in front of Internal, External and Head of the Department.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-II**  
**M.A. Economics**  
**MM – 100**  
**Paper – I Micro Economics- II (Eco 201 C)**

**Time: 3 Hrs**

**(M.M.20+80=100)**

**Paper I- Advanced Economic Analysis –II**

Objective: This paper provides the statistical and mathematical approach to understand economic principles and policies.

**Unit -1**

Perfect Competition short run and long run equilibrium of the firm and industry, price and output determination, supply curve; Monopoly, short run and long run equilibrium, Price discrimination, welfare aspects, Monopoly control and regulation.

**Unit-2**

Monopolistic Competition- general and Chamberlain approaches to equilibrium, equilibrium of the firm and the group with product differentiation and selling costs, excess capacity under monopolistic and imperfect competition, criticism of monopolistic competition, Oligopoly, Chamberlain, Kinked demand curve and collusive (cartels and mergers, price leadership), Price and output determination under monopsony and bilateral monopoly

**Unit -3**

Distribution : neo classical approach – Marginal Productivity theory; Elasticity of technical substitution, technical progress and factor shares; Theory of distribution in imperfect product and factor markets Macro theories of distribution – Ricardian Marxian.

**Unit – 4**

Wages – theories, marginal productivity, minimum wages, determination of rent – classical and modern theories quasi-rent, theory of interest – liquidity preference, IS- LM curve, theories of profit.

**Unit – 5**

Welfare Economics: partial and general Equilibrium, Pigovian welfare economics; Pareto optimal conditions, Value judgment ; Social welfare function; compensation principle; inability to obtain optimum welfare- Imperfections, market failure, decreasing costs, uncertainty and non-existent and incomplete markets; Theory of Second Best, Arrow's impossibility theorem. Walrasian and Marshall condition of the existence of the general Equilibrium.

**Basic Reading List :**

1. Kreps. David M.(1990), A Course in Microeconomic Theory Princeton university Press, Princeton.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-II**  
**M.A. Economics**  
**MM – 100**

**Paper – II Statistical Inferences and Research Methods (Eco 202 C)**

**Time : 3 Hrs.**

**(M.M.20+80=100)**

Objective: This paper provides the statistical and mathematical approach to understand economic principles and policies with Research Techniques.

**Unit -1**

Meaning and concepts of Research, Types of Research, Steps in Scientific Research, Research Design, Sampling Techniques of data collection, Research Report Writings.

**Unit-2**

Analysis of Time Series – Introduction, Utility and Components of Time Series, Measurement of Trend by Graphic Method, Semi- Average & Moving Average Method and Least Squares Method.

**Unit – 3**

Probability and Theorems: Concepts and Definition, Calculation of Probability, Theorems Addition Theorem and Multiplication Theorem. Theoretical Probability, Distribution : Normal, Binomial & Poison Distribution.

**Unit – 4**

Hypothesis, Test of Hypothesis, Standard Error and Sampling Distribution, Estimation, Significance of Attributes Large Samples and Small Sample, t- test,  $R^2$ .

**Unit-5**

Chi Square Test & Goodness of Fit and Analysis of Variance, F & Z test.

**Books Recomendaded :**

1. Gupta & Gupta – Statistics
2. D. N. Elhance – Fundamentals of Statistics (Hindi and English Edition)
3. Couter – Statistics in Theory & Practice
4. R.G.D.Allen – Statistics for Economics
5. A.L.Bowly – Elements of Statistics
6. Croxton & Cowden – Applied General Statistics
7. JITs Chandan – Staistics for Business & Economics
8. S.R.Gupta – Statistical Methods

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-II**  
**M.A. Economics**  
**MM – 100**

**Paper – III International Economics (Eco 203 C)**

**Time : 3 Hrs.**

**(M.M.20+80=100)**

Objective: This paper provides the conceptual frame work of International Economic Theories and Policies.

**Unit – 1**

Distinguishing features of Interregional and International Trade; Differences and Similarities between Inter-Regional and International Trade; Importance and Scope of International Trade, International division of labour and specialization; Smith's theory of Absolute Difference in Costs; Richardo's Theory of comparative differences in costs and its application in underdeveloped countries.

**Unit – 2**

Mill's Theory of Reciprocal Demand; Concept of Offer Curves; Explanation of Mill's Concept of Reciprocal Demand with the help of Marshall's Offer Curves. International Trade Equilibrium; Some analytical tools – offer curves, Production Possibility Curves; the Community Indifference Curves; Equilibrium in Community Consumption and Output.

**Unit – 3**

Haberler's Theory of Opportunity Costs ; International Trade under constant, increasing and decreasing opportunity costs. The Modern Theory of Factor Endowments; its explanation under price criterion and physical criterion; Theory relevance today. Its superiority over the Classical theory; Leontief Paradox

**Unit – 4**

International Trade and Factor prices, Samuelson's Factor Price Equalization Theorem. The Terms of Trade – Meaning and various concepts of Terms of Trade; Factors affecting the Terms of Trade; Terms of Trade and underdeveloped countries.

**Unit-5**

Tariffs meanings and types – Effects of Tariff under Partial and General Equilibrium; Optimum Tariff and Welfare; Effects of Tariff on Income distribution. The Stolper – Samuelson Theorem, Dumping; Types, Objectives and Effects of dumping; Current Incidence of dumping in India and its impact on our economy; Anti-Dumping measures.

**Books Recommended:**

1. Bhagwati, J. (Ed.) – International Trade Selected Readings, Cambridge University Press, Massachusetts.
2. Carbough – R.J. International Economics, International Thompson Publishing, New York.
3. Kenen, P.B. – The International Economy, Cambridge University Press, London
4. Kindleberger, C.P. - International Economics, R.D. Irwin, Homewood
5. Soderston, B. - International Economics, The Macmillian Press Ltd., London.
6. Francis Cherunilam - International Economics
7. Francis Cherunilam - International Business
8. D.M. Mithani - International Economics
9. H.G. Mannur - International Economics
10. Peter B. Kenen – The International Economy
11. P. Subba Rao - International Busine

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-II**  
**M.A. Economics**  
**MM – 100**  
**Paper – IV Monetary Economics and Banking (Eco 204 C)**

**Time : 3 Hrs.**

**(M.M.20+80=100)**

Objective: This paper provides the conceptual frame work of Monetary Economic Theories and Policies. It is also related with the Banking Theories.

**Unit – 1**

Theories of Value of Money-Fischer, Cambridge equations, the cash balances approach Keynesian Theory of Money and Prices, the Real balance Effect, Modern – Quantity Theory of Money

**Unit – 2**

Measures of Money stock, Creation of Credit Money Multiplier, Instruments of Monetary Controls, Monetary Policy its role and effectiveness.

**Unit -3**

Inflation measurement and types of inflation, demand and Supply Side inflation, Excess Demand and Inflation, effects of Inflation, Methods to Check Inflation, stagflation and Anti-Inflation Policy, Inflation and Indian Economy. Inflation and Unemployment, Phillips Curve, the Relationship between Inflation and Unemployment.

**Unit – 4**

Banking Systems in India, Types of Banks, Banks as Depositories, Demand Deposits, bank as Financial Intermediaries, Commercial Banking origin & Growth, Functions of Commercial Banks. Role of Commercial Banks in a Developing Economy, New Trends in Commercial Banking, RBI.

**Unit – 5**

Business Cycles, Meaning and Nature, theories of Trade Cycle, Monetary Theory Schumpeter, Keynesian, Samulson and Hicks Non Monetary Theories of Business cycles

**Books Recommended:**

E.J. Shapiro W.H. Bransin

M.L. Jhingan

M.C. Vaishya Sunil Bhaduri

K.K. Kurihara

Macro Economic Analysis

Macro Economic Theory and Policy

Economic Theory : Macro Economics

Monetary Theory and Public Policy

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-II**  
**M.A. Economics**  
**MM – 100**  
**Paper – V Industrial Economics (Eco 205 ED-2)**

**Time : 3 Hrs.**

**(M.M.20+80=100)**

**Objective: This paper provides the conceptual frame work of Industrial Economic Theories and Policies.**

**इकाई-1 Unit-1**

औद्योगिकरण की अवधारणा , स्वरूप एवं प्रभाव भारत में तीव्र औद्योगिक विकास के अनुकूल एवं प्रतिकूल घटक । भारत की नई औद्योगिक नीति – 1991 से अब तक । भारतीय औद्योगिक विकास की वर्तमान प्रवृत्तियों ।

Meaning, Rational, pattern and impact of industrialization. Factors favouring and Hampering Rapid Industrial Development of India. New Industrial Policy in India, from 1991 to till date. Recent trends in Indian Industrial growth.

**इकाई-2 Unit-2**

फर्म की अवधारणा एवं संगठन, फर्म का व्यावसायिकवर्गीकरण , गतिविधियों के आधार पर क्षेत्रिक आधार पर स्वामित्व के आधार पर सरंचना। (सार्वजनिक, निजि, संयुक्त, सहकारी , क्षेत्र ) ।

Concept and organization of a firm, Business classification of firm on the basis of, its activities, Sector, and Ownership structure. (Public, Private, Joint and Cooperative Sectors)

**इकाई-3 Unit-3**

औद्योगिक संयोजन एवं इसका फर्म की कार्य कुशलता एवं आर्थिक शक्ति पर प्रभाव । औद्योगिक स्थानीयकरण के सिद्धांत – वेबर एवं सार्जेंट फ्लोरेन्स, स्थानीयकरण को प्रभावित करने वाले तत्व, औद्योगिक रूग्णता ।

Industrial combination and its impact on efficiency of the firm and economic power. Theories of Industrial location - Weber and Sargent Florence; Factors affecting location, Industrial Sickness:

**इकाई-4 Unit-4**

भारत के प्रमुख बड़े पैमाने के उद्योगों का विकास एवं वर्तमान समस्याएँ – लोहा एवं इस्पात उद्योग सूती वस्त्र उद्योग, जूट उद्योग, सीमेन्ट उद्योग, चीनी उद्योग एवं इंजीनियरिंग वस्तुएँ (संगठित निर्माण क्षेत्र) भारत में लघु एवं कुटीर उद्योग का विकास ।

Growth and current problems of selected large scale industries in India Iron & steel, Cotton textiles, Jute, Cement, Sugar and engineering goods. (Organized in Manufacturing Sector), Development of Small Scale and Cottage Industries in India.

**इकाई-5 Unit-5**

औद्योगिक वित्त के स्रोत – स्व पूंजी, उधार पूंजी , औद्योगिक वित्त संस्थाएँ जैसे – आई.डी.बी.आई, आई. एफ.सी. आई. , एस.एफ.सी. , एस.आई.डी. सी. व्यापारिक बैंक ।

Sources of Industrial finance owned capital , borrowed capital, industrial finance institutions – IDBI, , IFCI, SFC , SIDC, Commercial Banks .

**Books Recommended:**

1. Industrial Development, M L Narasaiah, Discovery Publication, Mumbai-Delhi
2. Industrial Economics:
3. Industrial relation and Labour Law, Shiv Kumar Singh, Centrum, Delhi
4. Industrial relation in India, S. Usmani, Sonali Publication, Delhi

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-II**  
**M.A. Economics**  
**MM – 100**

**Paper – VI Economics of Insurance (Eco 206 ED-2)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**Objective: This paper provides the conceptual frame work of Economic Theories of Insurance and Policies.**

**इकाई-1 Unit- 1**

बीमा की अवधारणा, बीमा का वर्गीकरण, जीवन बीमा के प्रकार, सामान्य बीमा के प्रकार, जोखिम का विचार, जोखिम के प्रकार एवं वर्गीकरण ।

**Concept of Insurance, Classification of Insurance, Types of Life Insurance, Types of General Insurance , concept of risk, kinds and classification of risk.**

**इकाई-2 Unit- 2**

बीमा के आधारभूत सिद्धांत, बीमा के वैधानिक सिद्धांत, भारतीय अनुबंध अधिनियम, ।

**Basic Principles of Insurance, Legal Principles of Insurance , Indian contract Act.**

**इकाई-3 Unit- 3**

बीमा के वित्तीय सिद्धांत, प्रब्याजि, विनियोग, अतिरेक, प्रतीक्षा सिद्धांत, जोखिम मुल्यांकन, अभिगोपन ।

**Financial Principle , Premium, Investment, Surplus, Theory of Rating, Risk Appraisal, Underwriting .**

**इकाई-4 Unit- 4**

भारत में बीमा का इतिहास, बीमा व्यवसाय का राष्ट्रीय करण, जीवन बीमा निगम तथा जी.आई.सी. का संगठनात्मक ढांचा, बीमा कंपनी की विनियोग नीति ।

**History of Insurance in India, Nationalisation of Insurance Business, organizational set up of LIC and GIC, Investment Policy of Insurance Companies**

**इकाई-5 Unit- 5**

बीमा व्यवसाय का निजिकरण, बीमा नियामक मंडल, नवीन बीमा उत्पाद, तथा सेवाएँ । भारत में बीमा का भविष्य, बीमा व्यवसाय में विदेशी कंपनीज ।

**Privatization of Insurance Business, Insurance Regulatory Authority, New Insurance Products and Services, Future of Insurance in India, Foreign Companies in Insurance.**

**Books Recommended:**

1. Insurance:Principals and Practices, P K Khanna, Wisdom Publication
2. Insurance Management, Harish Sood, Amol Publication.

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**School of Studies in Economics**

**CBCS Pattern**

**Semester-II**

**M.A. Economics**

**MM – 100**

**Paper – VII –Communication & Personality Development (ECO 207 SAVEA-2)**

**Time: 3 Hor.**

**(M.M.20+80=100)**

**Objective: This paper provides the Communication skills & Personality Development of the students.**

To sensitize students to their communicative behavior . To enable them to reflect and improve on their communicative behavior/performance • To build capacities for self criticism and facilitate growth .To lead students to effective performances in communication Introduction to the course (warm up activities)

**Unit 1**

Listening Skills

Types of Listening ( Theory /Definition ) .Tips for Effective Listening . Academic Listening-(lecturing). Listening to Talks and Presentations. Listening to Announcements- (Railway/ Bus stations/ Airport / stadium announcement etc.).

**Unit 2**

Telephone Skills

Basics of Telephone communication. How to handle calls- telephone manners . Leaving a message . Making requests . Greeting and Leave Taking over phone (etiquette) . Asking for and giving information. Giving Instructions.

**Unit 3**

Writing Skills & Career Skills

Standard Business letter. Email drafting and Etiquettes . Preparing Agenda and writing minutes for meetings . Making notes on Business conversations.

Applying for job. Cover letters. Resume and Effective Profiling. Interviews •.Group discussions.

**Unit 4**

Introduction to Personality:: a) Basic of Personality .b) Human Growth and Behavior. C) Theories of Personality. D) Motivation.

**Unit 5**

Techniques in Personality Development

Self Confidence, Goal Setting, Time Management, Stress Management, Meditation, self acceptance and self Growth.

**Books Recommended:**

1.Personality Development: Rajiv K Mishra, Rupa & Company, Delhi.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-III**  
**M.A. Economics**  
**MM – 100**

**Paper –I Indian's Foreign trade & International Institutions (Eco 301 C)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**इकाई-1 Unit- 1**

विदेशी व्यापार और आर्थिक विकास – अर्थ और भुगतान संतुलन के घटक, भुगतान संतुलन में संतुलन एवं असंतुलन । भुगतान संतुलन में असमानता के कारण ।

Foreign Trade and Economic Development. Meaning and Components of Balance of Payments, Equilibrium and disequilibrium of Balance of Payments. Factors causing disequilibrium balance of payments.

**इकाई-2 Unit- 2**

स्वर्णमान के अंतर्गत स्वतः कीमत समायोजन, लचीली विनिमय दरों के अंतर्गत स्वतः कीमत समायोजन (कीमत प्रभाव) । मार्शल, लर्नर, सिद्धांत – लोच विधि। पूंजी गतिशीलता से अंतर्गत प्रत्यक्ष नियंत्रण के लिये समायोजन । विदेशी व्यापार गुणक एवं आप का निर्धारण

Adjustment mechanisms of Balance of Payments Under Gold Standards, Under flexible exchange rates (price effect), Under elasticity approach Marshall Lerner Principle, Under capital movements direct control for adjustment. Foreign Trade Multiplier and determination of Income.

**इकाई-3 Unit- 3**


विदेशी विनिमय दर की अवधारणा । संतुलन विनिमय दर का निर्धारण, विनिमय दर निर्धारण का क्रय शक्ति समता सिद्धांत और भुगतान शेष सिद्धांत विनिमय दर में परिवर्तन के कारण । स्थिर एवं परिवर्तनशील विनिमय दर के गुण दोष । तत्काल और अग्रिम विनिमय दर की अवधारणा । मुद्रा की परिवर्तनीयता ।

Concept of Foreign exchange rate, Determination of Equilibrium exchange rate. Theories of exchange rate determination the purchasing power parity theory and the Balance of Payment theory..Factor causing changes in exchange rates. Relative merits and demerits of fixed and flexible exchange rates, concepts of spot and forward exchange rates, convertibility of currency.

**इकाई-4 Unit- 4**

विनिमय नियंत्रण – अर्थ, विशेषताएँ, उद्देश्य और विनिमय नियंत्रण की विधियाँ । अवमूल्यन – भारतीय रुपये का अवमूल्यन और उसका अर्थव्यवस्था पर प्रभाव । स्वतंत्र व्यापार बनाम संरक्षण ।

  
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Exchange control Meaning, features, objectives and methods of exchange control.  
.Devaluation -Devaluation of Indian Rupee and its impact on out economy.

Free Trade versus protection.

### इकाई-5 Unit- 5

विश्व व्यापार संगठन - कार्य, संरचना, उद्देश्य और कार्यप्रणाली । भारत और विश्व व्यापार संगठन । व्यापार विश्व व्यापार खण्ड ई.यू. , एन.ए.एफ.टी.ए. , ए.एस.ई.ए.एन. अंतर्राष्ट्रीय मुद्राकोप उद्भव, उद्देश्य कार्य और कार्यप्रणाली भारत और अंतर्राष्ट्रीय मुद्रा कोप विश्व बैंक कार्य, कार्यप्रणाली, भारत और विश्व बैंक — विदेशी व्यापार और भारत का भुगतान संतुलन भारतीय निर्यात क्षेत्र की प्रमुख समस्याएँ ।

World Trade Organization -Functions, structure objectives and working of WTO India and WTO Trade Blocks EU, NAFTA, ASEAN, International Monetary Fund Origin, objectives, functions and working of the fund, India & IMF .World Bank

Functions, World Bank.and India .. .Foreign Trade and BoP in India, Recent changes in the direction and composition of trade, Major problems of Indian export sector.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-III**  
**M.A. Economics**  
**MM – 100**

**Paper –II Economics of Development and Growth (Eco 302 C)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**Unit I**

1. Concepts of growth and development, factors of growth and development, problems of under development and development.
2. Ricardian Theory of Growth
3. Malthusian Theory of Growth
4. Marxian Theory

**Unit II**

1. Schumpeter's Model
2. Keynesian Model of Employment and Income, Consumption Function
3. Multiplier, Accelerator & Investment Function.
4. Harrod- Domar Model
5. Joan Robinson's Model of Growth

**Unit III**

1. Theory of Balanced growth- Nurkse and Lewis model
2. Theories of Dualism- Boeke, Higgins & Myint
3. Theories of Unbalanced Growth- Hirschman
4. Leibenstien's Model

**Unit IV**

1. Rostow's Stages of Growth
2. Mahalanobis Model
3. Neoclassical Model of Meade
4. Solow's Neoclassical Model
5. Kaldor Model

**Unit V**

1. Approaches to Development; Partial Theories of Growth and Development- vicious circle of poverty, circular causation, unlimited supply of labour, big push, balanced growth, unbalanced growth, critical minimum efforts thesis, low income equilibrium trap; Dualism- technical behavioural and social.

**Suggested Books:-**

1. Economics of Growth and Development, Singh SP, S Chand
2. Argyrous, G., Forstater, M and Mongiovi, G. (eds.) (2004) *Growth, Distribution, And Effective Demand: Essays in Honor of Edward J. Nell*. New York: M.E. Sharpe.
3. Weil, David N. (2008) *Economic Growth* 2nd ed. Addison Wesley
4. Jones, Charles I. (2002) *Introduction to Economic Growth* 2nd ed. W. W. Norton & Company: New York, N.Y.
5. Galor, O. (2005) *From Stagnation to Growth: Unified Growth Theory*. Handbook of Economic Growth, Elsevier.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-III**  
**M.A. Economics**  
**MM – 100**  
**Paper –III Mathematical Economics (Eco 303 ED-3)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**Unit-1 इकाई-1**

The concept and nature of Mathematical Economics, Mathematical Economics and Econometrics, Relation and functions, Equilibrium analysis equation and inequalities, Linear and non-linear model and their solutions, Arithmetic and Geometric Progression and their use in Economics.

गणितीय अर्थशास्त्र का अर्थ प्रकृति। गणितीय अर्थशास्त्र और अर्थमीति। संबंध और फलन।

साम्य विश्लेषण – समीकरण और असमिकाएँ। रेखीय और अरेखीय निदर्श और उनके हल। अंक गणितीय एवं ज्यामितीय प्रवृत्ति और उनका अर्थशास्त्र में उपयोग।

**Unit-2 इकाई-2**

Derivative and a slope of a curve: Process of Differentiation : Rules of Differentiation of a function : Derivatives of higher order : Sign of derivative and nature of function : I and II order conditions for Maxima and Minima.

व्युत्पन्न एवं वक्र का ढाल। अवकलन प्रविधि। फलन के अवकलन के नियम। उच्च स्तर के व्युत्पन्न। व्युत्पन्न की दिशा और फलन का स्वभाव। अधिकतमीकरण एवं न्यूनतमीकरण के लिए प्रथम एवं द्वितीय क्रम शर्तें।

**Unit-3 इकाई-3**

Application of simple derivatives in Economics, Differential coefficients and elasticity of demand, Average and Marginal Revenue Curves and their relation, conditions for profit maximization.

अर्थशास्त्र में सरल व्युत्पन्नों का अनुप्रयोग। अवकलन गुणक एवं मांग की लोच, औसत एवं सीमांत लागत वक्र एवं उनमें संबंध। औसत एवं सीमांत आगम वक्र और उनमें संबंध। लाभ अधिकतमीकरण की शर्तें।

**Unit-4 इकाई-4**

Differentiation of a function of two or more variable: Partial Differentiation process and its application in Economics, Total Derivatives Rules of total differentiation. The theory of Consumer Behavior Indifference curve, Rate of Commodity Substitution (RCS), Maximization of Utility, Slutsky Equation दो एवं दो से अधिक चरों के फलन का अवकलन। आंशिक अवकलन प्रविधि और उसका अर्थशास्त्र में अनुप्रयोग। कुल व्युत्पन्न के कुल अवकलन नियम। उपभोक्ता के व्यवहार का सिद्धांत-उदासीनता वक्र, प्रतिस्थापनता की दर, उपयोगिता का अधिकतमीकरण, स्लट्स्की का समीकरण।

**Unit-5 इकाई-5**

The Theory of constrained cost minimization and profit maximization, Cobb-Douglas Production Function, C.E.S. production function. Linear programming General formulation of Maximization and Minimization problem. Graphical and Simplex method. Duality in Linear Programming.

लागत न्यूनतमीकरण एवं लाभ अधिकतमीकरण के सिद्धांत। कॉब-डगलस उत्पादन, फलन, सी.ई.एस. उत्पादन फलन। रेखीय प्रायोजना, अधिकतमीकरण और न्यूनतमीकरण की समस्याएँ। ग्राफिक एवं सिम्पलेक्स विधि। रेखीय प्रायोजना में द्वैध।

**Books and Suggested Readings:**

1. Carl P. Simon and Lawrence Blume. Mathematics for Economists, W. W. Norton and Company, 1994.
2. A. C. Chiang. Fundamental Methods of Mathematical Economics,
- 3- Anthony M., Reader in Mathematics, LSE, University of London; Mathematics for Economists, Study Guide, University of London

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-III**  
**M.A. Economics**  
**MM – 100**  
**Paper –IV Demography (Eco 304 ED-3)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**Unit-1 इकाई-1**

Demography - Meaning significance, Techniques of Demographic Analysis, Relationship with other sciences.

Basic concepts of Demography - Population Pyramid, Density of Population sex ratio, Population growth and Population Trap.

जनांकिकी - अर्थ महत्व जनांकिकी विश्लेषण की विधियां, जनांकिकी का अन्य विज्ञानों से संबंध। जनांकिकी की आधारभूत अवधारणा-जनसंख्या पिरामिड, जनसंख्या का घनत्व, लिंग अनुपात, जनसंख्या वृद्धि, जनसंख्या जाल।

**Unit-2 इकाई-2**

Malthusian theory of population, Optimum theory of Population, Sociol cultural theories - Dumont's theory of social capillarity, L. Brento's theory of increasing prosperity and pleasure, Henry George's theory of Intellectual development. Theory of Demographic transition.

माल्थस का जनसंख्या सिद्धांत, जनसंख्या का अनुकूलतम सिद्धांत, जनसंख्या का सामाजिक-सांस्कृतिक सिद्धांत - ड्यूमांट का सामाजिक केशाकर्षण सिद्धांत, ब्रेन्टो का बढ़ती सम्पन्नता एवं सुख का सिद्धांत, हैनरी जार्ज का बौद्धिक विकास का सिद्धांत, जनांकिकी का संक्रमण सिद्धांत।

**Unit-3 इकाई-3**

Different Demographic Measurements Birth rate, Death rate, Life table, Gross and Net Reproduction rate with reference to India. Human resource development in India.

विभिन्न जनांकिकी मापक - जन्म दर, मृत्युदर जीवन तालिका, कुल एवं शुद्ध पुर्नउत्पादन दर भारत के संदर्भ में, भारत में मानव संसाधन विकास।

**Unit-4 इकाई-4**

Indian census - 1991-2001 Size, Growth and Composition of population in India, Population education in India

भारतीय जनगणना-1991-2001, भारत में जनसंख्या का आकार, वृद्धि एवं संरचना। भारत में जनसंख्या शिक्षा।

**Unit-5 इकाई-5**

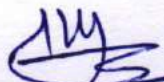
Population and Economic development, Trends and Distribution of World population. Population policies in India. Population control measures in India.

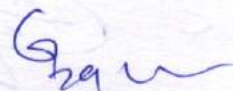
जनसंख्या एवं आर्थिक विकास, विश्व जनसंख्या की प्रवृत्तियां एवं वितरण। भारत की जनसंख्या नीति। भारत में जनसंख्या नियंत्रण के उपाय।

**Suggested Readings :**

1. डॉ. एस. चंद्रशेखर ...जनांकिकी - एशियाज पापुलेशन प्राबलेम।
2. दुबे एवं मिर - जनांकिकी एवं जनसंख्या अध्ययन।
3. वी.कुमार - जनांकिकी।
4. ओ.एस. श्रीवास्तव - जनांकिकी।
- 5- Spegalman - An Introduction to Demography.
- 6- Sinha, V.C., Demography - National Publ. House, New Delhi.
- 7- Bose, Desai, Mishra - Population in India's Development.

  
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**School of Studies in Economics**

**CBCS Pattern**

**Semester-III**

**M.A. Economics**

**MM – 100**

**Paper – V Economic Policies of India (Eco 305 EG-1)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**Unit I FRAMEWORK OF INDIAN ECONOMIC POLICY**

Economic Policy: An Introduction

1. Trend and Structure of National Income
2. Demographic Features and Indicators of Development
3. Poverty and Inequality : Policy Implications
4. Employment and Unemployment: Policy Implications

**Unit -2 DEVELOPMENT STRATEGIES IN INDIA**

1. Planning in India: Objectives, Strategies and Evaluation
2. Economic Reforms in India
3. Critique of Economic Reforms

**Unit-3 SECT<sup>OR</sup>AL PERFORMANCE-I**

1. Agricultural Growth, Productivity Trends and Crop patterns
2. Issues and Concerns in Indian Agriculture
3. Industrial Sector in Pre-reform Period
4. Industrial Sector in Post-reform Period with Emphasis on Small -Scale Sector

**Unit - 4 SECT<sup>OR</sup>AL PERFORMANCE-II**

1. Infrastructure
2. Indian Financial System: Money Market and Monetary Policy
3. Capital Market in India and Working of SEBI

**Unit-V SECT<sup>OR</sup>AL PERFORMANCE-III**

1. Foreign Trade and Balance of Payment
2. India and International Institutions
3. Multinational Corporations and Foreign Capital
4. Government Finance : Union and States
5. Fiscal Federalism in India and latest finance commission.

**Reference Book:**

- 1- Indian Economy - Dr. V.C. Sinha, Dr. Pushpa Sinha, Sahitys Bhawan Prakashan, Agra
- 2- Indian Economy - Dr. J.C. Pant, Dr. S.C. Jain, Dr. J.P. Mishra, Sahitys Bhawan Prakashan, Agra
- 3- Indian Economy - Dr. Anupam Agrawal - Sahitys Bhawan Prakashan, Agra
- 4- Indian Economy - Ruddaradutt, K.P.M. Sundaram S. Chand Pub. New Delhi
- 5- Indian Economy - A.N. Agrawal - New Age International Pub. New Delhi.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-III**  
**M.A. Economics**  
**MM – 100**

**Paper – VI Entrepreneurship Development (Eco 306 SAVEA-3)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

Objective: This paper motivates to student for Entrepreneurship and self employment activities.

**UNIT – I**

Economic Development and entrepreneurship: Concept. Social and Psychological Factors in entrepreneurship; Characteristics, Qualities and Pre-requisites of entrepreneurs

**UNIT – II**

Environment factors affecting entrepreneurship, institutional finance and Entrepreneurship. Local mobility of entrepreneurs

**UNIT – III**

Different aspect of entrepreneurial organization and performance of entrepreneurial skills.

**UNIT – IV**

Entrepreneurship, Training Preparation and Development Programmes. Evaluating entrepreneurial development programmes. Developing support system.

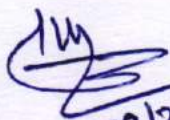
**UNIT – V**

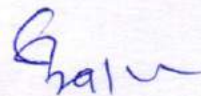
Planning and Monitoring entrepreneurship. Entrepreneurs before independence and entrepreneurial growth after independence under planning system in India.

**Books Recommended:**

1. Entrepreneurship Development in India: Issues and Strategies, AS Chawala,, Shree Publication.
2. Entrepreneurship Management, S Gupta, Shree Publication.
3. Entrepreneurship: Theory and Practice, Kalpana Taing, Amol Publication.

  
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School of Studies in Economics  
CBCS Pattern  
Semester-III  
M.A. Economics

MM – 100 (M.M.50+50=100)

**Paper – VII** Essay on Economic Issues (Eco 307 PE-1)

Near about 20 to 30 pages on any Current Economic Issues related with India /and its States or World. A small viva-Voce is also face a candidate who submit the Essay.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-IV**  
**M.A. Economics**  
**MM – 100**  
**Paper – I Indian Economy (Eco 401 C)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

Objective: This paper explains the scenario of Indian Economic System and Policies.

**Unit: 1**

Theoretical concept and problems of Indian economy, causes and measures for improvement of Indian economy, Main factors of Indian economy. National Income.

**Unit: 2**

Indian Economy: Different sectors

Agriculture and Industry,

Condition and Importance of literacy,

Condition of Indian health Services and measures for improvement malnutrition and nutrition programs.

**Unit: 3**

Importance and problems of Indian Railway, Importance and problems of road transport, Importance and problems of Air transport. Traditional and Non- traditional sources of energy in India

**Unit: 4**

Condition of Communication Services in India. Problems of communication and Tele-communication services in India and measures for its improvement, structure of Indian Banking Systems. Modern Reforms in Banking Sector, Problems in Banking System in India and measures for its improvement, Insurance Services in India

**Unit: 5**

Strategies of Indian Development Plans, Different Five Year Plans. Poverty, Unemployment.

Rural Development, Urbanization, Human Development, Monetary and Fiscal policy of India. Budget.

**Reference Book:**

- 1- Indian Economy - Dr. V.C. Sinha, Dr. Pushpa Sinha, Sahitya Bhawan Prakashan, Agra
- 2- Indian Economy - Dr. J.C. Pant, Dr. S.C. Jain, Dr. J.P. Mishra, Sahitya Bhawan Prakashan, Agra
- 3- Indian Economy - Dr. Anupam Agrawal - Sahitya Bhawan Prakashan, Agra
- 4- Indian Economy - Rudraradutt, K.P.M. Sundaram S. Chand Pub. New Delhi

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5- Indian Economy - A.N. Agrawal – New Age International Pub. New Delhi.

**School of Studies in Economics**

**CBCS Pattern**

**Semester-IV**

**M.A. Economics**

**MM – 100**

**Paper – II History of Economic Thoughts (Eco 402 C)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**इकाई-1 Unit-1**

1. वणिक्वाद 2. प्रकृतिवाद 3. प्रतिष्ठित विचारक - (अ) एडम स्मिथ (ब) माल्थस (स) रिकार्डो  
1- Mercantilism 2- Physiocrats 3- Classical School. - a) Adam Smith b) Malthus c) Ricardo

**इकाई-2 Unit-2**

1. सिसमॉन्डी 2. सेण्ट साईमॉन्स 3. फ्रेडरिक लिस्ट 4. जे.एस.मिल  
1- Sismondi 2- St- Simons 3- Fredrick List 4- J.S. Mill

**इकाई-3 Unit-3**

1. कार्ल मार्क्स 2. ऐतिहासिक विचारक 3. गणितीय विचारक 4. आस्ट्रियन विचारक  
1- Karl Marx 2- Historical School 3- Mathematical School 4- Austrian School

**इकाई-4 Unit-4**

1. मार्शल 2. जे.बी. क्लार्क 3. इरविंग फिशर 4. मिचेल  
1- Marshall 2- J.B.Clark 3- Irving Fisher 4- Mitchell

**इकाई-5 Unit-5**

1. केम्ब्रिज विचारक .. (अ) ए.सी. पीगू (ब) जॉन रोविन्सन  
2. भारतीय आर्थिक विचारक.. (अ) कौटिल्य (ब) मो.क. गॉंधी (स) जे.के. मेहता

1- Cambridge School---- a) A.C. Pigou b) Joan Robinson

2- Indian Economic Thinkers----a) Kautilya b) M.K. Gandhi c) J.K. Mehta

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-IV**  
**M.A. Economics**  
**MM – 100**  
**Paper – III Econometrics (Eco 403 ED-4)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**Unit-1 इकाई-1**

Statistical Inference.

Definition, Scope and Goals of Econometrics.

Simple Regression Analysis. Hypothesis Testing.

सांख्यिकी प्रायुक्तियां।

अर्थमिती का अर्थ, परिभाषा और उसका महत्व।

सरल प्रतीपगमन विश्लेषण, परिकल्पना परीक्षण।

**Unit-2 इकाई-2**

Multiple Regression: Estimation and Inference.

Regression Analysis and Analysis of Variance.

बहुगुणीय प्रतीपगमन-आंकलन और प्रायुक्तियां, प्रतीपगमन और प्रसरण विश्लेषण।

**Unit-3 इकाई-3**

Relaxing the assumptions of Classical Model, Multicollinearity, Autocorrelation, Heteroscedasticity.

प्रतिष्ठित निदर्शों की मान्यताओं की अवहेलना- बहुसंखरैखता, स्व-सहसंबंध, विषम विचालिता।

**Unit-4 इकाई-4**

Instrumental variables. Dummy variables. Lagged Variables

Problem of Identification.

यांत्रिक चर, मूक चर, पश्चता चर

अभिज्ञापन की समस्या।

**Unit-5 इकाई-5**

Simultaneous Equation Model.

Indirect least-square Method (ILS)

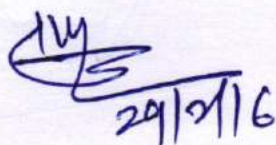
Two stage least-square Method. (2SLS)

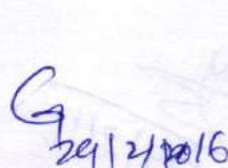
युग्मत समीकरण निदर्श। अप्रत्यक्ष न्यूनतम वर्ग विधि (ILS) द्विस्तरीय न्यूनतम वर्ग विधि (2 SLS)

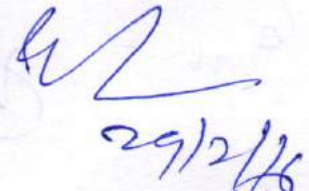
**Suggested Readings:**

1. L.R. Klien - An introduction to Econometrics.
2. Gujrati, Damodar - Basic Econometrics.
3. B.C. Metha and A.C.Metha - Fundamentals of Econometrics.
4. G.M.K. Madnani " Introduction to Econometrics ; Principles and Application".  
(अंग्रेजी व हिन्दी)
5. अग्रवाल चौधरी – अर्थमिती और गणितीय अर्थशास्त्र।
6. बी. एन. श्रीवास्तव एवं अनिल गुप्ता- गणितात्मक अर्थशास्त्र तथा अर्थमिती के मध्यमिक

  
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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-IV**  
**M.A. Economics**  
**MM – 100**  
**Paper – IV Gender Economics (Eco 404 ED-4)**

Time : 3 Hrs

(M.M.20+80=100)

**इकाई-1 Unit- 1**

1. स्त्री विमर्श की अवधारणा एवं उसका महत्व। आयु संरचना, लिंगानुपात एवं मृत्यु दरे। प्रजननता एवं नियंत्रण का सिद्धान्त एवं मापन। घटते हुये लिंगानुपात के कारण, भारत एवं अल्पविकसित देशों में प्रजननता की दरे।

1- Importance and concept of Women studies, Age structure, Mortality rates and sex ratios, Theories and measurement of fertility and controls, causes of declining sex ratio and fertility rates in LDCs and particularly in India.

**Unit- 2 इकाई-2**

2. महिलाओं के निर्णय लेने की क्षमता को प्रभावित करने वाले कारक, भारत एवं विकासशील राष्ट्रों में आर्थिक प्रस्थिति एवं उसके प्रभाव, सहभागिता, दर, आय स्तर स्वास्थ्य शिक्षा के प्रभाव उद्योगिकरण के पूर्व एवं पश्चात समाज में महिलाओं की सहभागिता, राष्ट्रीय आय में महिलाओं का योगदान

2- Factors affecting decision making by women, Economic status of women and its effect on work, participation rate, Income level health and education in Developing countries and in India. Participation of women in PreIndustrial and Industrial Societies, femal contribution to National Income.

**इकाई-3 Unit- 3**

1 श्रम बाजार में महिलाओं के प्रवेश को प्रभावित करने वाले घटक, महिलाओं को आर्थिक क्रियाकलापों में मजदूरी विन्नता, मजदूरी विन्नताओं के निर्धारक, मजदूरी संरचना, भौगोलिक, श्रेत्रवार एवं आर्थिक श्रेत्रवार

1- Factor affecting female entry in labour maket. Wage differential in female activities, Determinants of wage differentials, structure of wages, across regions and economic sectors.

**इकाई-4 Unit- 4**

10. नई प्रौद्योगिकी की महिलाओं की क्रियाएं एवं पारिस्थितिकी एवं पर्यावरणीय सम्बन्धी भूमिका, महिलाओं की सामाजिक सुरक्षा, स्वैच्छिक संगठनों की भूमिका

Role of New Technologies for helping women female activities and ecological and environmental concerns. Social security of women, Role of voluntary organisation.

**इकाई-5 Unit- 5**

लैंगिक एवं विकास सूचकांक, श्रम बाजार एवं और लैंगिक भेद, लैंगिक नियोजन तकनीक भारत में प्रजातात्रिक विकेन्द्रीय करण (पंचायते) एवं महिला सशक्ति करण।

1-Gender and Development Indices, Labour market and Gender discrimination. Gender planning technique, Democratic decentralisation (panchayats) and Women's, empowerment in India.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-IV**  
**M.A. Economics**  
**MM – 100**  
**Paper – V Madhya Pradesh Economy (Eco 405 EG-2)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

Objective: To aware to Madhya Pradesh and its economic development activities.

**Unit-I**

Madhya Pradesh: Area, Physical Part, Geographical issues, Natural Resources and Historical Background of Madhya Pradesh. Administration and Political Factors.

**Unit-2**

Madhya Pradesh: Economic scenario  
Agriculture, Industry and Services.

**Unit-3**

Madhya Pradesh: Fiscal Scenario  
Source of Income, Expenditure. State Budget, Different Economic Policies.

**Unit-4**

Madhya Pradesh: Demography, Poverty, Unemployment, Infra structure, Energy Resources, Education, Health, Human Development and Tourism.

**Unit-V**

Madhya Pradesh: Strategis of development, Different Economic Indicator, Growth agencies, Environmental Issues, Plan Development and Future policies of economic development of Madhya Pradesh. MNCs in Madhya Pradesh.

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**School of Studies in Economics**  
**CBCS Pattern**  
**Semester-IV**  
**M.A. Economics**  
**MM – 100**

**Paper – VI Computer Applications Theory and Practice (Eco 406 SAVEA-4)**

**Time : 3 Hrs**

**(M.M.20+80=100)**

**इकाई-1 Unit- 1**

कम्प्यूटर प्रस्तावना :-

कम्प्यूटर की अवधारणा एवं उसकी क्रियात्मकता । कम्प्यूटर वास्तुविद – ब्लॉक डायग्राम इनपुट और आउटपुट डिवाइस । मेमोरी और उसके प्रकार । टाइप और डाटा प्रतिनिधित्व । नम्बर सिस्टम। कम्प्यूटर साफ्टवेयर की प्रारंभिक जानकारी ।

**Introduction of Computer .Concept of Computer, and its Functioning, Computer Architecture-Block Diagram of Computer, Input and Output Devices , Different types of Memories. Data Types and Data Representation Number System, Elementary Idea of Computer Software.**

**इकाई-2 Unit- 2**

कम्प्यूटर की चालन प्रक्रिया – 1.

चालन प्रक्रिया और उसके उपयोग का परिचय विभिन्न प्रकार की चालन प्रक्रियाएँ । ऑपरेटिंग सिस्टम । विंडो, आयकॉन, शॉर्टकट, कन्ट्रोल पेनल, डेस्क टॉप और टॉस्क बार ।

**OPERATING SYSTEM OF COMPUTER – I.**

**Introduction to operating system and their uses Different types of operating systems , Introduction to windows. Icons, Shortcuts, Control Panel, Desk Tops. Task bar.**

**इकाई-3 Unit- 3**

कम्प्यूटर की चालन प्रक्रिया – II

एम.एस. वर्ड, फाइल ऑपरेटिंग, मेल मर्ज । एम.एस. एक्सेल :- वर्क शीट , वेरियस मेनू ग्राफ एवं डायग्राम

**OPERATING SYSTEM OF COMPUTER – II**

**Ms. Word : File operating, Mail Merge, Ms. Excel : Work sheets. Various Menus, Graphs.**

**इकाई-4 Unit- 4**

कम्प्यूटर द्वारा प्रस्तुतीकरण एम.एस. पॉवर पाइंट : पॉवर पाइंट परिचय अनुप्रयोग । स्लाइड निर्माण स्लाइड के विभिन्न अनुप्रयोग । इंटरनेट ! ई – मेल ।

**PRESENTATIONS THROUGH COMPUTER .**

**Ms. Power Point : Introduction to Power Point, uses of Power – Point, Creation of Slides. Various operations of Slides, Internet , Email .**

**इकाई-5 Unit- 5**

कम्प्यूटर सॉफ्ट वेयर का अर्थशास्त्र में प्रयोग । एस.पी.एस.एस., ई बैंकिंग और नवीनतम सॉफ्टवेयर ।

**Use of Computer Software in Education. SPSS. , e - Banking and other latest Software.**

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School of Studies in Economics  
CBCS Pattern  
Semester-IV  
M.A. Economics  
MM – 100 (50+50)

Paper – VII Project on any Economic Issues related Village to World (Eco 407 PE-2)

(Attendance /Comprehensive Viva-Voce/Project)

  
29/2/16

  
29/2/2016

  
29/2/16

  
29/2/16

Proposed

**Grade Points and Letter Grade for Graduation Level(Performance in a Course/Paper) for Vikram University**

RANGE OF MARKS	GRADE POINTS	LETTER GRADE	DESCRIPTION
90 - 100	10	O	Outstanding
80 - 89	9	A <sup>+</sup>	Excellent
75 - 79	8	A	Very Good
70 - 74	7	B <sup>+</sup>	Good
60 - 69	6	B	Above Average
50 - 59	5	C	Average
40 - 49	0	F	Fail
Absent	0	ABST	Absent

RANGE OF MARKS GRADE POINTS LETTER GRADE DESCRIPTION 90-100 9.0-10.0 O Outstanding 80-89 8.0-8.9 D+ Excellent  
75-79 7.5-7.9 D Distinction 70-74 7.0-7.4 A+ Very Good 60-69 6.0-6.9 A Good 50-59 5.0-5.9 B Average 00-49 0.0 U Re-appear  
ABSENT 0.0 AAA ABSENT.

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