

**Appendix No: 'B' Item No: 'B-2'**  
**SRI VENKATESWARA UNIVERSITY: TIRUPATI**  
**SVU COLLEGE OF ARTS**  
**DEPARTMENT OF ECONOMICS**  
(Syllabus Common for S V University College and affiliated by SVU Area)  
(Revised Scheme of Instruction and Examination, Syllabus etc., with effect from the  
Academic Year's 2016-17 for I and II Semesters and 2017-18 for III and IV Semesters)  
**Revised CBCS Pattern with effect from 2016-17**  
**M.A. Economics**

**SEMESTER – I**

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks	
1.	ECO 101	Micro-Economic Analysis – I	6	4	Core	20	80	100	
2.	ECO 102	Macro-Economic Analysis - I	6	4	Core	20	80	100	
3.	ECO 103	Public Economics	6	4	Core	20	80	100	
4.	ECO 104	Mathematical Methods in Economics	6	4	Core	20	80	100	
5.	ECO 105	Fundamentals of Computers	Theory	6	4	Compulsory Foundation	20	60	100
			Practical's				---	20	
6.	ECO 106	Human Values and Professional Ethics - I	6	4	Elective foundation	20	80	100	
		<b>Total</b>	<b>36</b>	<b>24</b>		<b>120</b>	<b>480</b>	<b>600</b>	

**\*All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one paper**
- **Elective Foundation - Choose one paper.**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

**SEMESTER - II**

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks
1	ECO 201	Micro-Economic Analysis – II	6	4	Core	20	80	100
2	ECO 202	Macro-Economic Analysis - II	6	4	Core	20	80	100
3	ECO 203	Federal Finance	6	4	Core	20	80	100
4	ECO 204	International Trade: Theory and Policy	6	4	Core	20	80	100
5	ECO 205	Statistical Methods in Economics	6	4	Compulsory Foundation	20	80	100
6	ECO 206	Human Values and Professional Ethics - II	6	4	Elective foundation	20	80	100
		<b>Total</b>				<b>120</b>	<b>480</b>	<b>600</b>

**\*All CORE Papers are Mandatory**

- **Compulsory Foundation - Choose one paper**
- **Elective Foundation - Choose one paper.**
- **Interested students may register for MOOC with the approval of the concerned DDC but it will be considered for the award of the grade as open elective only giving extra credits.**

### SEMESTER – III

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks	
1.	ECO 301	Economics of Growth and Development	6	4	Core Course	20	80	100	
	ECO 302	Indian Economy	6	4		20	80	100	
	ECO 303	Economics of Environment	6	4		20	80	100	
2.	ECO 304	a	International Finance	6	4	Generic Elective	20	80	100
		b	Agricultural Economics						
		c	Demography	6	4		20	80	
		d	Human Resource Development						
3.	ECO 305	a	Urban Economics	6	4	Open Elective	20	80	100
		b	Economics of Infrastructure						
		c	Economics of Insurance						
<b>Total</b>			<b>36</b>	<b>24</b>		<b>120</b>	<b>480</b>	<b>600</b>	

\* All CORE Papers are Mandatory

- Generic Elective - Choose two
- Open Electives are for the Students of other Departments. Minimum One Paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.
- Interested students may register for MOOC with the approval of the concerned DDC.

### SEMESTER – IV

S. No	Code	Title of the Course	Credit Hrs / Week	No. of Credits	Core / Elective	IA	SEE	Total Marks	
1.	ECO 401	Rural Development	6	4	Core Course	20	80	100	
	ECO 402	Financial Institutions and Markets	6	4		20	80	100	
	ECO 403	Industrial Economics	6	4		20	80	100	
2.	ECO 404	a	India's Economic Reforms	6	4	Generic Elective	20	80	100
		b	Andhra Pradesh Economy						
		c	Entrepreneurship and Skill Development	6	4		20	80	
		d	Labour Economics						
3.	ECO 405	a	Women and Economic Development	6	4	Open Elective	20	80	100
		b	Economics of Tourism						
		c	Tribal Economy						
<b>Total</b>			<b>36</b>	<b>24</b>		<b>120</b>	<b>480</b>	<b>600</b>	

\* All CORE Papers are Mandatory

- Generic Elective - Choose two
- Open Electives are for the Students of other Departments. Minimum One Paper should be opted. Extra credits may be earned by opting for more number of open electives depending on the interest of the student through self study.
- Interested students may register for MOOC with the approval of the concerned DDC.

## **SEMESTER – I**

### **ECO 101: MICRO ECONOMICS- I (Revised Syllabus with effect from 2016-2017)**

#### **Unit 1: Demand Analysis**

Demand Analysis :Marshallian, Hicksian, Slutsky and Samuelson's Revealed Preference Approaches – Pragmatic Approach – Linear Expenditure System – Constant Elasticity of Demand Function – Von Neumann – Morgenstern Utility Index.

#### **Unit 2: Theory Of Production And Cost**

Production Function : Cobb – Douglas Production Function – CES Production Function – Law of Variable Proportions – Returns to Scale – Isoquants-Iso – Cost Curves – Equilibrium of the Firm: Choice of Optimum Combination of Inputs – Elasticity of Substitution.

#### **Unit3:Costof Production, Revenue And Equilibrium Of The Firm**

Cost of Production: Traditional and Modern Approaches – Short run and - Long run Cost Curves – Concept of Revenue – Revenue Curves under Different Market Conditions – Equilibrium of the Firm and Industry.

#### **Unit 4: Price And Output Determination Under Perfect COMPETITION, MONOPOLY AND MONOPOLISTIC COMPETITION.**

Perfect Competition: Price and Output Determination - Market Period-Short run and Long-run Analysis – Monopoly: Short run and Long run Equilibrium – Price Discrimination – Monopolistic Competition: Equilibrium of the Firm and the Group – Product Differentiation and Selling Cost – Chamberlin Concept of Excess Capacity.

#### **Unit5: Price And Output Determination: Duopoly And Oligopoly**

Duopoly: The Models of Cournot, Bertrand and Stackelberg – Oligopoly: Chamberlin Model and Kinked Demand Curve Model – Collusive Oligopoly: Cartels and Price Leadership.

#### **REFERENCES**

1. Ahuja, H.L., 2005, Advanced Economic Theory: Micro Economic Analysis, S.Chand&Company, New Delhi.
2. Archibald G.C. (Ed), 1971, Theory of the Firm, Penguin, Harmonds worth.
3. Baumol, W.J., 1982, The Economic Theory and Operations Analysis, Prentice Hall of India, New Delhi.
4. Borch, K.H., 1968, The Economics of Uncertainty, Princeton University Press, Princeton.
5. Koutsoyiannis, A., 1979, Modern Micro Economics, Second Edition, Macmillan Press, London.
6. Watson, Donald S., 1967, Price theory and its uses, Scientific Book Agency, Calcutta.
7. Da Costa, G.C., 1980, Production, Prices and Distribution, Tata McGraw Hill, New Delhi.
8. Diamond and Roths Child (Ed), 1978, Uncertainty in Economics, Academic Press, New York.
9. Hirschleifer, J. and Glazer, 1977, Price Theory and Applications, Prentice Hall of India, New Delhi.
10. John Von Neumann and Oskar Morgenstern, 1947, Theory of Games and Economic Behaviour, Second Edition, Princeton University Press, Princeton.
11. Kalman, J. Cohen and Richard M. Cyert 1976, Theory of the Firm: Resource Allocation in a Market Economy, Second Edition, Prentice Hall of India, New Delhi.
12. Kreps David, M., 1990, A course in Micro Economic Theory, Princeton University, Princeton.

## **SEMESTER - I**

### **ECO 102: MACRO ECONOMICS - I (Revised Syllabus with effect from 2016-2017)**

#### **Unit 1: Nature and Scope of Macro Economics**

Nature of Macro Economics – Scope and Importance of Macro Economics – Limitations of Macro Economics – Macro Statics – Macro Dynamics and Comparative statics – Micro Foundation of Macro Economics.

#### **Unit 2: National Income**

Meaning of National Income – Concepts of National Income; Gross National Product, Net National Product, NNP at Market Price, NNP at Factor cost, NDP at Factor cost, Personal income, Disposal Income, Real Income and Per Capita Income – Methods of measuring National Income and Difficulties in the Measurement of National Income – Circular flow of income and expenditure: In two sector, three sector closed economy and four sector open economy.

#### **Unit 3: Classical and Keynesian Macroeconomics**

Classical Theory of Employment – Critique of Classical Theory – Basic Keynesian Models – Consumption Function – Investment Multiplier – Types of Investment – Marginal Efficiency of Capital and Investment – Accelerator – Interaction between Multiplier and Accelerator.

#### **Unit 4: Consumption Function; Alternative Hypotheses**

Consumption Function – Theories of Consumption Function – Alternative Hypotheses – Absolute Income Hypothesis, Relative Income Hypothesis, Life Cycle Hypothesis, Permanent Income Hypothesis.

#### **Unit 5: Neo Classical And Keynesian Synthesis**

The Goods market and Money market - Goods market equilibrium: the derivation of IS curve – Shift in IS curve – Money Market Equilibrium: The derivation of LM curve – Shift in LM curve – Interaction of IS-LM curve: The simultaneous equilibrium of goods market and Money market – The Elasticity of LM curve – The effectiveness of Monetary and Fiscal Policies.

#### **REFERENCES**

1. Gardner Ackley, 1978, Macro-economics: Theory and Policy, Macmillan, New York.
2. Dornbush, R and Stanley, F., 1997, Macro-economics, McGraw Hill Inc., New York.
3. Glabe, F.R., Macro-economics: Theory and Policy.
4. Keynes, J.M., 1936, General theory of employment interest and money.
5. Edward Shapiro, Macro-economic analysis, Galgotia publications, New Delhi.
6. Branson, W.A. 1989, Macro-economic theory and policy, Harper and Row, New York.
7. Jhingan, M.L., 2005, Macro-economic Theory, Vrinda Publications, New Delhi.
8. Ahuja, H.L., 2006, Macro-economics, S. Chand and Company, New Delhi.
9. Vaigh, M.C., 2005, Macro-economics, Vikas Publications.
10. Seth, M.L. 2006, Macro-economic theory, Lakshmi Narai Agarwal Publications, Agra.

## **SEMESTER – I**

### **ECO 103: PUBLIC ECONOMICS (Revised Syllabus with effect from 2016-2017)**

#### **Unit 1: Public Finance And Public Authority**

Economic Systems – Need for Government Intervention – Major Fiscal Functions of the Government – Definition and Scope of Public Finance – Public and Private Finance – Positive and Normative approaches to Public Finance – Maximum Social Advantage and Optimum Allocation of Resources.

#### **Unit 2: Public Expenditure**

Wagner's Law of Increasing State Activities – Peacock and Wiseman Hypothesis – Rostow's Theory – Reasons for Growth of Public Expenditure in Modern times – Determinants and Classification of Public Expenditure – Growth of Public Expenditure – Effects of Public Expenditure – Regulation of Public Expenditure in India.

#### **Unit 3: Public Revenue**

Sources of Public revenue – Tax Revenue and Non-tax Revenue – Characteristics of Good Tax System – Benefit Theory and Ability to Pay theory – Taxable Capacity – Factors Determining Taxable Capacity, Measurement of Taxable Capacity and Taxable Capacity in India.

#### **Unit 4: Incidence Of Taxation**

Incidence of Taxation – Classical Approach – The Concentration, Diffusion and Modern Theories of Incidence and Musgrave's Concept of Incidence – Study of Indian Tax Structure – Direct and Indirect Taxes – Review of Tax Proposals of Raja. J. Chellaiah Committee – Reforms in Taxation.

#### **Unit 5: Public Debt**

Classical and Modern Views on Public Debt – Classification of Public Debt – Debt Burden Controversy – Classical Keynesian and Modern Views – Objectives and Principles of Public debt Management – Methods of Public Debt Redemption – Public Debt and Economic Development in India.

## **REFERENCES**

1. Musgrave Richard, A and Musgrave Peggy B, 1973, Public Finance in theory and practice, McGraw Hill, Tokyo.
2. Bhargava R.N. 1971, the theory and practice of union finance in India, Chaitanya Publications, Allahabad.
3. Chellaiah R.J., 1971, Fiscal Policy in underdeveloped Countries with special reference to India, George Allen and Unwin, London
4. Mathew, T, 1981, Tax Policy, some aspects of Theory and Policy, Chanakya Publications, New Delhi.
5. Dwivedi P., (Ed) Readings in Indian Public Finance, Chanakya Publications, New Delhi.
6. Tripathy R.M., Fiscal Policy and Economic Development, Sterling Publications, New Delhi.
7. Musgrave Richard A and Peacock Allen, T, 1976, Classics in theory of Public Finance, Macmillan, London.
8. SudiptoMundle (Ed), 1997, Public finance, Policy issues for India, Oxford University Press.
9. Raja, J. Challaiah, 1996, Essays in Fiscal and Financial sectors reforms in India, Oxford University Press.
10. RaghavendraJha, 1998, Modern Public Economics, Routledge, London.
11. Government of India, Economic Survey (various reports).
12. Government of India, 1992, Report of the Tax Reforms Committee, Part I & II, New Delhi.
13. RBI Monthly Bulletins.

## **SEMESTER – I**

### **ECO 104: MATHEMATICAL METHODS IN ECONOMICS**

**(Revised Syllabus with effect from 2016-2017)**

#### **Unit-I: Sets and Operations on Sets**

Sets and Operations on Sets - Concepts of Cartesian Product Relation and function - Types of Functions -Polynomial Function.Homogenous Function–Logarithmic and Exponential Functions –Limit and Continuity of Function-Standard Limits-Evaluation of Limits in Simple Cases-Demand and Supply Functions and Determination of Equilibrium Price and Quantity.

#### **Unit-II: Differentiation of Functions of One or Two Variables**

Concept of Derivative–Rules of Differentiation, Power Rule, Product Sum, Difference-Quotient, Chain, Logarithmic and Exponential Rules–Higher Order Derivatives–Rules of Differentiation of Multi-variable Function -Interpretation of Partial Derivatives- Higher Order and Cross Partial derivatives–Interpretation of Revenue, Cost, Demand and Supply Functions and Elasticities.

#### **Unit-III: Maximum and Minimum Functions and Integration**

Conditions for Maxima and Minima of Functions of One or Two Variables - Simple examples from Economics, Maximization of Output, Revenue and Profit-Minimization of Cost under Perfect Competition and Monopoly Concepts of integration–Definite and Indefinite Integrals – Simple Rules of Integration – Application of Integration to Consumer’s Surplus and Producer’s Surplus.

#### **Unit-IV: Matrices and Determinant**

Concept of Matrix–Types of Matrix –Concept of Vector and its Properties–Addition and Multiplication of Matrices –Determinants and Their Properties -Inverse and Rank of a Matrix Solution of Two and Three Simultaneous Equations through Cramer’s Rule.

#### **Unit-V: Linear Programming and Input-Output Analysis**

Linear Programming–Formulation of a Linear Programming Problems–Solution of Linear Programming through Graphical Method – Formulation of a Dual Programme and its Interpretation – Input-Output Analysis – Assumptions – Formulation of Model - Finding Solution – Closed and Input-output Models.

#### **REFERENCES:**

1. Allen, R.G.D., 1974, Mathematical Analysis for Economists, Macmillan and ELBS, London.
2. Baumol, W.J., 1984, Economic Theory and operations Analysis, Printice Hall, Eaglewood Cliffs, New Jersey.
3. Chiang, A.C., 1986, Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
4. Mathur, P.N. and Bharadwaj, R, (Eds), Economic Analysis in Input-output research, input-output
5. Research Association of India, Pune.
6. Monga, G.S., 1972, Mathematics and Statistics for Economists, Vikas Publishing for Economists, Prentice Hall of India, New Delhi.
7. Yamane, Taro, 1975, Mathematics for Economists, Prentice Hall of India, New Delhi.
8. Vygodsky, G.S., 1971, Mathematical Hand book (Higher Mathematics) Meir Publishers, Moscow.

## **SEMESTER – I**

### **ECO 105: FUNDAMENTALS OF COMPUTERS**

**(Revised Syllabus with effect from 2016-2017)**

#### **Unit 1: Computer Fundamentals**

Definition–Components of a Computer–Block Diagram–Evolution of Computer Generations– Input–Output Devices–Hardware and Software–Compilers and Assemblers–Low level and High level Languages–Operating Systems and the User Interface – Microsoft Operating Systems.

#### **Unit 2: MS Word**

Creating, Opening and Saving Files–Editing and Formatting Text–Spell and Grammar Check– Creation of Tables and Columns–Mail-merge–Word Art–Concept of Macro–Print Preview and Operations.

#### **Unit 3: MS Excel**

Work Sheet–Creating a Data File in MS Excel – Calculations in Excel Sheet–Creating Graphs and Charts with Excel–Data Analysis Pack–Statistical Functions–Printing Operations.

#### **Unit 4: Power Point**

Components of MS Power Point – Parts of a Power Point Screen - Creating a New Presentation–Opening–Saving–Closing a Presentation.

#### **Unit 5:MS Access**

The Concept of Database Management System - Creating NewDatabase Files – Fields – Records – Files - Viewing forms, Query and Reports.

#### **PRACTICALS :**

Time: 3 hrs

Max Marks:20

1. Each candidate has to perform two practicals
2. Practical record is to be maintained
3. Practical examination is based on practical record, demonstration and Viva-Voce.

#### **REFERENCES:**

1. Sinha, P.K., 1992, Computer Fundamentals, BPB Publications, New Delhi.
2. Raja Raman, V., 1999, Fundamentals of Computers, Prentice Hall of India, New Delhi.
3. Tom Sheldon, Windows 95 Made Easy, Tata McGraw Hill Publishing Co., New Delhi.
4. Kerns, 1996, Essentials of Microsoft Windows, Word and Excel, Prentice Hall of India, New Delhi.
5. Russel A. Shultz, Learn Microsoft Office 97, BPB Publications, New Delhi..
6. Peter Norton, Introduction to Computers, Tata McGraw- Hill Publishing Co., New Delhi.
7. Ravichandran, D., 2001, Introduction to Computers and Communication, Tata McGraw Hill Publishing Company Limited, New Delhi.
8. Sanjay Sexena, 2000, A First Course in Computers, Vikas Publishing House, New Delhi.
9. Shelly and Hunt Computers and Common Sense, Prentice Hall of India, New Delhi.

## **SEMESTER – I**

### **ECO 106: Human Values and Professional Ethics – I (Revised Syllabus with effect from 2016-2017)**

**UNIT-I:** Definition and Nature of Ethics-Its relation to Religion ,Politics, Business, Legal ,Medical And Environment ,Need And Implementation Ethics-Goals-Ethical Values in Various Professions.

**UNIT-II:** Nature Of Values-Good and Bad, Ends and Means, Actual and Potential Values, Objectives and Subjective Values ,Analysis Of Basic Moral Concepts-rights, Ought, Duty, Obligation, Justice. Responsibility and Freedom .Good Behavior and Respect for Elders, Character and Conduct.

**UNIT-III:** Ahimsa (Non-Violence), Satya (Truth),Brahmacharya (Celibacy),Asteya (Non-possession) and APARIGRAHA (Non-stealing).Purusharthas (Cardinal virtues)-Dharma (Righteousness), Artha (Wealth ), Kama(Fulfillment bodily desires).Moksha (Liberation)

**UNIT-IV:**Bhagavad Gita-(a) Niskama karma.(b).Buddhism-The four noble truths-AryaAstangamarga, (c) Jainisam- mahavrata and anuvratas. Values embedded in various religions, Religious tolerance, Gandhian ethics.

**UNIT-V:** Crime and Theories of punishment-(a) Reformative , Retributive and Deterrent ,(b) Views on Manu and Yajnavalkya.

#### **References:**

1. R.Subramanian ,Professional Ethics, Oxford University Press.
2. John S Mackenzie:A Manual Of Ethics.
3. The Ethics of Management by Larue Tone Hosmer.Richard D.Irwin Inc.
4. Management Ethics Integrity at Work by Joseph A.Petrick and John F.Quinn.ResponsBooks;New Delhi.
5. "Ethics in Management" By S.A.Sherlekar, Himalaya Publication House.
6. Harold H.Titus ; Ethics For Today.
7. Maitra,S.K;Hindu Ethics.
8. William Lilly;Introduction Ethics.
9. Sinha: A Manual of Ethics.
10. Manu:Manava Dharma Sastra or the Institute of Manu:Comparing the Indian System of Duties :Religious and civil (ed.) G.C.Halighton.
11. Susrutasamhita: Tr.KavirajKunjanlal ,KunjalarBrishagratha .Chowkarnaba Sanskrit series. Vol LII and III , Varanasi , Vol I 00, 16'20,21-32 and 74-77 only.
12. Carakasamhita :Tr.Dr.Ramkaransarma and vaidyabhagavan dash, Chowkarnaba Sanskrit series office. Varanasi I,11.111Vol IPP 183-191.
13. Ethics, Theory and contemporary issues.Barbaramackinnonwadsworth / Thomson learning, 2001.
14. Analyzing moral issues,JudithA.Boss.May Field Publishing Company-1999.
15. An introduction to applied ethics(ed.)John H.Piet and AyodhyaPrasad.cosmo publications.
16. Text book for intermediate first year ethics and human values. Board of intermediate education-Telugu-academy, Hyderabad.
17. I.C.Sharma ethics philosophy of india.Nagin& co Julundhar.



## **SEMESTER – II**

### **ECO 201: MICRO ECONOMIC ANALYSIS – II (Revised Syllabus with effect from 2016-17)**

#### **Unit 1: Modern Theories Of The Firm**

Baumol's Sales Revenue Maximization Model–Marris' Model of the Managerial Enterprise–Williamson's Model of Managerial Discretion–Bain's Limit Pricing Theory –Recent Developments in the Theory of Limit Pricing: The Models of Sylos-Labini–Franco Modigliani and Bhagwati.

#### **Unit 2: Theories Of Distribution**

Theories of Distribution:- Ricardo, Karl Marx, Neo-Classical Theory(Marginal Productivity Theory) Kaldor-Factor Pricing in Perfect and Imperfect Competitive Markets–Adding up Problem and Euler's Theorem.

#### **Unit 3: General Equilibrium**

Meaning of Equilibrium–Static and Dynamic Equilibrium–Stable and Unstable Equilibrium – Partial and General Equilibrium – General Equilibrium of Exchange and Consumption–General Equilibrium of Production and Exchange–General Equilibrium and Relative Prices.

#### **Unit 4: Welfare Economics**

Pigovian Welfare Economics–Pareto-Optimal Conditions–Kaldor - Hicks Compensation Principle – Social Welfare Function – The Theory of Second Best.

#### **Unit 5: Advanced Topics In Modern Micro Economics**

Game Theory–Two Person Constant and Zero Sum Game–Linear Programming Graphical Solution - Input–Output Analysis–Static and Dynamic Models.

## **REFERENCES**

1. Koutsoyiannis, A., 1979, Modern Micro Economics, (2<sup>nd</sup> Edition), Macmillan Press, London.
2. Archibald, G.C. (Ed), 1971, Theory of the Firm, Penguin, Harmonds Worth.
3. Mishan, E.J. 1969, Welfare Economics: An Assessment, Noeth Holland, Amsterdam.
4. Green, H. and V.Waish, 1975, Classical and Neo Classical Theories of General Equilibrium, Oxford University Press, London
5. Quirk. J. and R.Saposnik, 1968, Introduction to General Equilibrium Theory and Welfare Economics, McGraw Hill, New York.
6. Weintrub, E.R., 1974, General Equilibrium Theory, Macmillan, London.
7. Broadway, R.W. and N.Bruce, 1984, Welfare Economics, Basil Blackwell, London.
8. Pigou, A.C., 1920, Economics of Welfare, Macmillan and Co. London.
9. Little I.M.D., 1975, A Critique of Welfare Economics, (2<sup>nd</sup> Edition), Oxford University Press, Oxford.
10. Ahuja, L., 2000, Advanced Economic Theory: Micro Economic Analysis, S.Chand and Company, New Delhi.

## **SEMESTER – II**

### **ECO 202: MACRO-ECONOMIC ANALYSIS – II (Revised Syllabus with effect from 2016-17)**

#### **Unit 1: Demand For Money**

The Classical View–Quantity Theory Of Money–Keynes’ Theory Of Demand For Money–Post Keynesian Theories of Demand for Money: Tobin, Friedman and Baumol–Integration of Monetary Theory and Value Theory: Keynes and Don Patinkin.

#### **Unit 2: Supply Of Money**

Concept of Money Supply–Components of Money Supply–RBI Approach to Money Supply–High Power Money and Money Multiplier–Changes in the Supply of Money.

#### **Unit 3: Business Cycles**

Types of Trade Cycles–Different Theories of Trade Cycles: Samuelson–Hicks and Kaldor–Control of Business Cycles: Monetary and Fiscal Policies.

#### **Unit 4: Theories Of Inflation**

Types of Inflation : Demand–Pull Inflation–Cost-Push Inflation-The Phillips Curve– The Inflation and Unemployment Trade off–The Monetarists Accelerationists’ Hypothesis– Rational Expectations Hypothesis.

#### **Unit 5: Macroeconomics Policies**

Objectives of Macro-Economic Policies–Objectives and Tools of Monetary Policy–Evaluating Monetary Policy: The Policy of Activists and Non-Activists Arguments–Fiscal Policy: Objectives and Tools–Automatic Stabilizers–Problems in the Implementation of Fiscal Policies–Relative Effectiveness of Monetary and Fiscal Policies.

## **REFERENCES**

1. Ackley, G., Macro-Economic Theory, Macmillan.
2. Branson, W.B., Macro-Economic Theory and Policy.
3. Branson, W.H. and Litvack, J.M.P., 1981, Macro Economics, Harper and Row.
4. Edward Shapiro, Macro economic Analysis, 5<sup>th</sup> Edition, New Delhi, Galgotia Publications.
5. Friedman, M.(ed). The Quantity Theory of Money – A Restatement of Studies in the Quantity Theory of Money.
6. Gupta, S.B., 1983, Monetary Economics, Chand and Co.
7. Hicks, J.R., Mr.Keynes and the Classicals: A Suggested Interpretation, Econometric, April, 1937.
8. Hicks, J.R., Critical Essays in Monetary Theory.
9. Johnson, H.G., Essays in Monetary Economics.
10. Lila J.Truett and Dale B.Truett, Macro economics, Times Mirror/ Mosby College Publishing St. Louis.
11. Rosalind Levacic and Alexander Rebthann, 1982, Macro economics : The English Language Book Society and Macmillan.
12. Rogar L.Miller and Robert Pulsinelli, Macro economics

## **SEMESTER – II**

### **ECO 203: FEDERAL FINANCE (Revised Syllabus with effect from 2016-17)**

#### **Unit 1: Fiscal Policy**

Role of State in Economic Performance: Classical and Modern Views-Objectives of Fiscal Policy –Role of Fiscal Policy in Developed and Developing Economies–Balanced and Unbalanced Budget Multipliers–Built-in Stabilishers-Long–Term Fiscal Policy in India.

#### **Unit 2: The Theory Of Federal Finance**

Principles of Multi-Unit Finance and Problems of Federal Finance-Theory of Fiscal Federalism-Vertical and Horizontal Imbalances-Theory of Grants-Conditional and Unconditional Grants – Matching Vs. Non-Matching Grants–Income and Substitution Effects of Grants–Grants and Subsidies– Allocative and Equity Effects.

#### **Unit 3: Federal Fiscal Systems**

Federal Fiscal Relations in Australia, Canada and USA – A Comparative Analysis with the Indian Scenario-Functions of Finance Commission-Recommendations and Approaches of the Thirteenth and Fourteenth Finance Commissions-Reforms of Federal Finance.

#### **Unit 4: Government Budget**

Theory of Government Budgeting: Classical and Modern Views-Budget Classification: Functional and Economic Classification-Programme and Performance Budgeting-Zero-Based Budgeting-Budget Reforms – Fiscal Crisis in India – Reforms to Control Revenue Deficit-Fiscal Deficit and Budgetary Deficit in India.

#### **Unit 5: Local Finance**

Significance of Local Finance–Revenue and Expenditure of Local Bodies-Financial Strengthening of Urban and Rural Local Bodies through Devolution of Funds from Central and State Governments.

#### **REFERENCES**

1. Musgrave R.A.and Musgrave P.B., 1976, Public Finance in Theory and Practice, McGraw Hill, Tokyo.
2. Musgrave R.A., 1976, Theory of Public Finance, A Study of Public Finance, McGraw Hill,Tokyo..
3. Chellaiah Raja, J., 1971, Fiscal Policy in Under Developed Countries with Special Reference to India,George Allen and Unwin, London.
4. American Economic Association,1971,Readings in Fiscal Policy, George Allen and Unwin, London.
5. Gulati I.S., 1979, Centre State Financial Relations, M.S. University of Baroda.
6. Bhargava R.N., 1971, The Theory and Practice of Union Finance in India, Chaitanya Publishers, Allahabad.
7. Dwivedi D.N., 1975, (Ed), Readings in Indian Public Finance, Chanakya Publishers, New Delhi.
8. Chellaiah Raja J.(Ed), 1981, Trends and Issues in India's Federal Finance, National Institute of Public Finance and Policy, New Delhi.
9. Lakadawala D.T., 1969, Union State Financial Relations, Lalwani Publishers House,Mumbai.
10. Mundle S., 1999, Public Finance, Policy Issues for India, Oxford University Press, New Delhi.
11. Dalton, Hugh, 1971, Principles of Public Finance, Allied, Bombay.
12. Herbert Bernard P., 1971, Modern Public Finance, A Study of Public Sector Economics, Irwin, INC, Homewood.
13. John C. Winfrey, Public Finance (Public Choices and Public Economy) Harper & Row, Publishers, New York.
14. Philip E. Taylor, Economics of Public Finance, Oxford & IBH Publishing Co., New Delhi.
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## **SEMESTER – II**

### **ECO 204: INTERNATIONAL TRADE: THEORY AND POLICY (Revised Syllabus with effect from 2016-17)**

#### **Unit-I: Theories of International Trade**

The Pure Theory of International Trade–Theories of Absolute Advantage and Comparative Advantage–Empirical Testing of Theories–Heckscher–Ohlin Theory of Trade–Leontief Paradox–Factor Price Equalization Theorem.

#### **Unit-II: Imperfect Competition and International Trade**

Intra–Industry Trade–Neo-Heckscher–Ohlin Model–Neo–Chamberlin Model–Kravis and Linder Theory of Trade–Role of Dynamic factors in Trade (Alternative Theories of Trade) Vent for Surplus–Availability, Changes in Tastes, Technology.

#### **Unit-III: Terms of Trade and Gains from Trade**

Concepts of Terms of Trade–Terms of Trade and Economic Growth–Model of Economic Growth and International Trade–Singer–Prebisch Theory and Terms of Trade–Rybenzynski Theorem–Immiserizing Growth.

#### **Unit-IV: Theory of Trade Policy**

Free Trade Vs. Protectionism–Trade Restrictions–The Theory of Tariffs–The Stolper-Samuelson Theorem-Tariffs and Income Distribution–Tariffs -The Terms of Trade and Domestic Prices–Political Economy of Non-Tariff Barriers–Effects of Quotas – FERA and FEMA –Import Substitution Vs. Export Promotion.

#### **Unit-V: International Economic Integration**

Forms of Economic Co-operation–Free-Trade Area–Customs Union–Common Market–Economic Unions–European Union–SAARC–ASEAN–International Monetary Fund–Regionalism–Multilateralism–World Trade Organization–Recent Issues at WTO Ministerial Conferences - Gains and Problems of Developing Countries from WTO.

#### **REFERENCE:**

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3. Flemming, M.J., Domestic financial Policies Under Fixed and Floating Exchange Rates.
4. Haberler, G., Theory of International Trade.
5. Johnson, H.G., New Trade Strategy for the World Economy.
6. Kindelberger, C.P., International Economics.
7. Lipsey, R.G., Theory of Customs Union.
8. Meade, J.E., Balance of Payments.
9. Michaely, Theory of Commercial Policy.
10. Sodersten B.O. and Reed, G. International Economics.
11. Salvatore, D., International Economics.
12. W.T.O., Regionalism and the World Trade Systems.

## SEMESTER – II

### ECO 205: STATISTICAL METHODS IN ECONOMICS (Revised Syllabus with effect from 2016-17)

#### Unit-I: Correlation and Regression

Meaning - Assumptions and Limitations of Simple Correlation, Karl Pearson Coefficient of Correlation and Spearman's Rank Correlation-Coefficient-Simple Regression – Lines of Regression and Properties of Regression Coefficient.

#### Unit-II: Probability and Theoretical Distributions

Concept of Probability – Various Types of Events: Classical and Empirical Definitions of Probability – Laws of Addition and Multiplication of Probability (statements only) – Conditional Probability – Theoretical Distributions – Binomial – Poisson and Normal Distributions.

#### Unit-III: Sampling Theory

Basic Concept of Sampling-Random and Non-Random Sampling-Simple Random – Stratified Random – Systematic and P.P.S. Sampling Techniques.

#### Unit-IV: Hypothesis Testing

Formulation of Statistical Hypotheses – Null and Alternative – Goodness of Fit – Confidence Intervals and Level of Significance – Hypothesis Testing based on  $t$ ,  $X^2$  (Chi-Square) and F-tests.

#### Unit-V: Index Numbers and Time Series

Concept of Index Numbers–Uses and Construction of Index Numbers–Simple and Weighted Index Numbers – Laspeyer's, Paasche's and Fisher's Methods - Tests for Ideal Index–Time Series Analysis – Components of Time Series – Determination of Trend – Least Square Method.

#### REFERENCES:

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## SEMESTER – II

### ECO 206: HUMAN VALUES AND PROFESSIONAL ETHICS - II

(Revised Syllabus with effect from 2016-2017)

**UNIT-I:** Value Education –Definition-Relevance to present day-Concept of Human Values-self introduction-self-esteem-family values-Components , Structure and responsibilities of family-Neutralization of anger-Adjustability-Threats of family life –Status of women in family and society –Caring for need elderly –Time allotment for sharing ideas and concerns.

**UNIT-II:** Medical ethics-Views if charaka, Sushruta and Hippocrates on moral responsibility of medical practitioners. Code of ethics for medical and healthcare professionals.Euthanasia ,ethical obligation to animals, ethical issues in relation to health care professional patients. Social justice in health care , human cloning , problems of abortion .Ethical issues ingenetic engineering and ethics issues raised by new biological technology of knowledge.

**UNIT-III:** Business ethics – Ethical standards of business-immoral and illegal practices and their solutions. Characteristics of ethical problems in management, ethical theories causes of unethical behavior , ethical abuses and work ethics

**UNIT-IV:** Environmental Ethics- Ethical Theory , man And Nature- Ecological Crisis , Pest Control , Pollution and Waste , Climate Change, Energy and Population, Justice and Environmental Health.

**UNIT-V:** Social ethics – Organ trade. Human trafficking, Human rights violation and social disparities, Feminist ethics. Surrogacy / pregnancy, Ethics of media-Impact of newspapers, Television , Movies and Internet.

#### References:

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3. Management Ethics Integrity at Work by Joseph A.Petrick and John F.Quinn.ResponsBooks;New Delhi.
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## **SEMESTER – III**

### **ECO 301: ECONOMICS OF GROWTH AND DEVELOPMENT**

**(Revised Syllabus with effect from 2016-17)**

#### **Unit-I: Economics of Growth and Development**

Concepts of Economic Growth, Development and Under development– Measurement of Economic Growth and Development–Traditional, Welfare and Modern Approaches–Characteristics of Developing Economies.

#### **Unit-II: Factors in Economic Development**

Population and Economic Development–Optimum Theory of Population–The Theory of Demographic Transition–Role of Capital in Economic Development – Capital-Output Ratio-Technology in Economic Development-Choice of Techniques and Appropriate Technology.

#### **Unit-III: Theories of Growth**

Adam Smith, Ricardo, Karl Marx and Schumpeter–Joan Robinson's Golden Age Model-Harrod-Domar Models, Solow and Meade's Models.

#### **Unit-IV: Strategies of Economic Development**

Rostow's Stages Theory–Lewis Surplus Labour Theory–Rodan's Big Push Theory– Nurkse's Balanced Growth Theory–Hirschman's Unbalanced Theory–Leibenstein's Critical Minimum Effort Theory – Nelson's Low Level Equilibrium Trap.

#### **Unit-V: Theories of Dualism**

Dualism and Dualistic Economy–Dualistic Theories -Boeke Theory of Sociological Dualism– Higgins Theory of Technological Dualism - Fei and Ranis's Dualistic Model.

#### **REFERENCES:**

1. Adelman, I, 1961, Theories of Economic Growth and Development, Stanford University Press, Stanford.
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## SEMESTER – II

### ECO 302: INDIAN ECONOMY (Revised Syllabus with effect from 2016-2017)

#### Unit-I: Basic Structure of Indian Economy

Characteristics of Indian Economy – Structure of National Income - Human Resources – Occupational Structure – Economic Sectors and Contribution to Employment Generation and GDP – Recent Trends in Poverty and Unemployment.

#### Unit-II: Agricultural Sector

Role of Agriculture in Economic Development – Green Revolution – Concept of Food Security – Farm Size and Productivity – Irrigation and Agricultural Development – Livestock Resources – Need for Credit for Indian Farmers – Performance of Indian Agriculture in Five Year Plans.

#### Unit-III: Industrial Sector

Role of Industrial sector in Economic Development–Industrial Policy–1991–Role of Public and Private Sectors–Micro, Small Medium Enterprises (MSMEs)-Growth of Large Scale Industries and Economic Development-Disinvestment Programme–Liberalisation, Privatization and Globalization (LPG) and Industrial Development.

#### Unit-IV: Service Sector

Service Sector in Indian Economy–Performance of Trade–Tourism–Shipping and Port Services–Telecom and Related Services–IT and IT-enabled Services– R & D Services– Construction Services – Social Services – Performance of Service Sector during Five Year Plans.

#### Unit-V: Economic Reforms

Rationale of Internal and External Reforms–Globalization of Indian Economy - W.T.O. and Impact on the Different Sectors of Indian Economy–Need for and Issues in Good Governance – Issues in Competition and Safety Nets in Indian Economy.

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1. Ahluwalia, I.J. and I.M.D. Little (Eds.), 1999, India's Economic Reforms and Development (Essays in Honour of Manmohan Singh), Oxford University Press, New Delhi.
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## **SEMESTER – III**

### **ECO 303: ECONOMICS OF ENVIRONMENT (Revised Syllabus with effect from 2016-2017)**

#### **Unit-I: Nature and Scope of Environmental Economics**

Environmental Economics–Nature and Scope of Environmental Economics–Economic Growth and Environmental Degradation–Environmental Kuznets Curve -Limits to Growth–Sustainable Development–Environmental Quality and Economic Development.

#### **Unit-II: Environmental Degradation and Resource Depletion**

Natural Resources–Renewable and Non-renewable Resources–Approaches to Natural Resources–Theories of Natural Resources–Depletion of Resources–Tragedy of Commons - Causes for Environmental Degradation.

#### **Unit-III: Sources and Effects of Pollution**

Sources and Types of Pollution: Air, Water, Noise and Solid Waste Pollution–Industrial Pollution–Marine Pollution–Thermal Pollution–Nuclear Pollution–Urban Pollution–Effects of Environmental Pollution on Health, Economic and Social Aspects.

#### **Unit-IV: Environmental Policy and Principles**

Objectives of Environmental Policy–National Environment Policy, 2006–Policy Measures to Control Environment Pollution–Polluter-Pays-Principle–Pigovian Analysis of Externalities–Taxes and Subsidies – Pollution Permits–Hedonic Pricing Principle.

#### **Unit-V: Environmental Laws and Management Strategies**

Environmental Laws and Regulations–Air Act, Water Act, Environment Protection Act and Wildlife Protection Act in India–Global Environmental Policies – International Conferences on Environment–Environmental Strategies: Development of Clean Production Technologies, Forest Conservation, Conservation and Management of Common Property Resources and Environmental Education–Social Forestry–Community Participation.

#### **REFERENCES:**

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## **SEMESTER – III**

### **ECO 304(a)- INTERNATIONAL FINANCE (Revised Syllabus with effect from 2016-17)**

#### **Unit-I: Balance of Payments**

Balance of Payments–Measurements of Balance of Payments–Measuring Deficit or Surplus in Balance of Payments–Causes of Deficit in Balance of Payments.

#### **Unit-II: Adjustment Mechanisms in Balance of Payments**

Automatic Price Adjustment under Gold Standard–Classical Theory of Balance of Payments–The Elasticity Approach–The General Theory of Balance of Payments–The Monetary approach of Balance of Payments and Foreign Trade Multiplier.

#### **Unit-III: Foreign Exchange Market**

Meaning and Determination of Foreign Exchange Rate–The Mint Parity Theory–The Purchasing Power Parity Theory–The Balance of Payments Theory–Causes of Changes in the Exchange Rate–Exchange Rate Adjustment Policies: Fixed Exchange Rate–Flexible Exchange Rate–Adjustable Peg System–Crawling Peg System–Multiple Exchange Rate System–Spot and Forward Exchange Equilibrium.

#### **Unit-IV: International Capital Movements**

Types of International Capital Movements–International Development Agencies; International Finance Corporation (IFC)-International Development Association (IDA)-The Multinational Investment Guarantee Agency (MIGA)-Euro-Dollar Market–The International Debt Management and Developing Countries.

#### **Unit-V: The International Monetary Problem**

The International Liquidity Problem–Establishment of IMF–Role of IMF–India and IMF–SDRs–The World Bank–Breakdown of Bretton woods System–Present Monetary System.

#### **REFERENCES**

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## **SEMESTER – III**

### **ECO 304(b) – AGRICULTURAL ECONOMICS**

**(Revised Syllabus with effect from 2016-17)**

#### **Unit –I: Agriculture and Economic Development**

Definition, Nature and Scope of Agricultural Economics – Role of Agriculture sector in Economic Development – Structural changes and Contribution of Agriculture Sector — Modernisation of Agricultural Production Systems – Global Hunger Index – Achieving Zero Hunger – Re-orientation of Agricultural Development- Sustainable Agriculture- Role of Women in Agricultural Development.

#### **Unit –II: Agriculture Sector in India**

Development of Agriculture sector during Post-Independence Period –Green Revolution - Trends in Growth of Gross Cropped Area and Gross Irrigated Area – Decreasing Size of Average Land Holdings – Area, Production and Yields of Principal Crops- Targets and Achievements during Five Year Plans – India’s Position in World Agriculture.

#### **Unit –III. Investments in Agriculture Sector in India**

Factors Determining Gross Capital Formation in Agriculture Sector – Trends during Five Year Plans – Share of Public and Private Sectors – Budgetary expenditure on Agriculture sector – Inflow of FDI into Agriculture sector- Sources and Trends in flow of Credit to Agriculture – Kisan Credit Cards – Credit for Rain fed Areas – Indebtedness of Agricultural Households .

#### **Unit – IV: Government Initiatives and Development of Agriculture**

Need for Improvement in Agricultural Productivity- Government Initiatives – National Food Security Mission (NFSM)- National Mission for Sustainable Agriculture (NMSA) and Agricultural Extension and Technology – National Crop Insurance Programme –PradhanMantriFasalBimaYojana- RashtriyaKrishiVikasYojana – Rain fed Area Development Programme.

#### **Unit- V: Agricultural Marketing and Trade in India**

Determinants of Marketable and Marketed Surplus – Structure of Agricultural Markets – Primary and Secondary Wholesale Markets- Terminal Markets – Retail Markets – Fairs – Nature of Markets – Group Marketing- Cooperative Marketing – Direct Marketing – Warehousing in Rural areas – Physical and Financial Performance of GrameenBhandaranYojana – Role of AGMARK and AGMARKNET- Exports and Imports of Agricultural Commodities

## REFERENCES:

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## **SEMESTER – III**

### **ECO 304(c) – DEMOGRAPHY (Revised Syllabus with effect from 2016-17)**

#### **Unit-I: Nature and Scope of Demography**

Definition, Nature and Scope of Demography – Demographic Thoughts – Demographic Analysis – Direct and Indirect methods of data collection – Theories of Population – Adam Smith, J.S. Mill, Malthus, Marx, Meade and Keynes – Optimum Population.

#### **Unit –II: Composition and Distribution of Population in India**

Decennial growth of Population and Stages of Demographic Transition in India- Crude Birth Rate and Death Rates – Migration, industrialisation and Urbanisation as determinants of population growth – sex and age-wise distribution of population – Rural and Urban population growth – Religion and Caste-wise growth of Population – Trends in population density.

#### **Unit-III: Fertility, Mortality and Migration in India**

Size of the family- Urban and Rural differentials- Social, cultural and psychological factors affecting fertility – Achievements in Total Fertility Rates - Causes and Indicators of Mortality – Relation between age, sex, marital status, education and migration in India.

#### **Unit – IV: Quality of Population in India**

Determinants of Quality of Population in India – Structural changes in Population – Demographic dividend - Trends in Life Expectancy at Birth and Gender differentials – Trends in Achieving Literacy Rates- Gender dimension of Literacy rates – Trends in Workforce and Labour force Participation Rates- Sectoral Employment of workers – Formal and Informal Sectors - Need for Skill Development.

#### **Unit-V: Government Initiatives and Population Policies in India**

Need for Population Control and Stabilization – Strategies to achieve Population stabilization – Role and progress of Family Planning Programme – Two-child Policy — Highlights of National Population Policy- 2000 – JananiSurakshaYojana -2005 – Role of Accredited Social Health Activists (ASHA) –SANTUSHTI AND PRERANA Strategies –Rashtriya Kishore SwasthyaKaryakram -2014- Population Projections- 2016 and 2026.

## REFERENCES:

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## **SEMESTER – III**

### **ECO 304(d)- HUMAN RESOURCE DEVELOPMENT**

**(Revised Syllabus with effect from 2016-2017)**

#### **Unit-I: Nature and Scope of HRD**

Nature and Scope of Human Resource Development – Factors influencing HRD – HRD in Developed and Developing Countries - Human Resource Development in India – HRD and Development Strategy.

#### **Unit-II: Education and HRD**

Role of Education in Human Resource Development – Education as Consumption and Investment – HRD and Economic Development.

#### **Unit-III: Health and Human Resource Development**

Health and Economic Development – Measurement of Health Status –Trends in Mortality and Morbidity - Population Growth and Health Status – Growth of Corporate Health in India.

#### **Unit-IV: Nutritional Status, and Human Resource Development**

Nutritional Status in India – Measurement of Nutritional Status – Nutritional Development - Food Security - Programmes to Prevent Malnutrition in India.

#### **Unit-V: HRD and Human Values:**

HRD and Human Values – Human Development and Pre and Post Gandhian Thought – Right to Work and Public Participation.

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## **SEMESTER – III**

### **ECO 305(a) –URBAN ECONOMICS (Revised Syllabus with effect from 2016-17)**

#### **Unit-I: Urbanisation : A Global View**

Definition, Nature and Scope Urban Economics – Sources of Urban Growth – Natural Increase – Net Migration – Urban Reclassification –Industrialisation - International Migration - Push and Pull Factors for Urban Growth – Trends in Growth of Urban Population in the world – The Challenges for Urban Growth – Social Equity – Environmental Sustainability – Governance – Sustainable Urban Development.

#### **Unit –II: Urbanisation in India**

Census Definition of Urban areas – Classification of Urban areas – Growth and Characteristics of of Urban Population – Size and Growth of Major Urban Agglomerations – Urban Poverty and Inequality – Slums, Pollution and sanitation.

#### **Unit –III: Urbanisation and Labour Market**

Pull and Push Factors for Urbanisation in India – High Wages – Improved Infrastructure – Employment Opportunities – Educational facilities – Growth of formal and Informal economic activities – Labour Force Participation and Distribution of Workers – Street Children and Street Vendors.

#### **Unit-IV: Urbanisation and Environmental Challenges**

Rate of Urban Population Growth – Over Population – Problem of Urban Transportation – Pollutants to air and water – Solid Wastes and Noise Pollution – Burden of Diseases – Need for Improvement in Quality of Living and Environment.

#### **Unit-V: Urban Development and Government Policy**

Urban Poverty Alleviation Approaches – SJSRY – Employment through Skills, Training and Placement – National Urban Livelihood Mission (NULM)- Basic Services to Poor (BSUP)- National Policy on Street Vendors -2009- Housing and Slum Development Strategies- Integrated Housing and Slum Development Programme – JNNURM-2005 – JNNURM and Role of National Building Organisation – Inflow of FDI and Construction Sector – Rajiv AwasYojana – Sab KeliyeAwas – BastiSudhar – Rajiv RinnYojana – Need Reforms in Government Policy .

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## **SEMESTER - III**

### **ECO 305(b): ECONOMICS OF INFRASTRUCTURE (with effect from the academic year 2016-17)**

#### **Unit 1: Infrastructure And Economic Development**

Meaning and Definition of Infrastructure–Types of Infrastructure–Economic and Social Infrastructure–Approaches to Infrastructure–Traditional and Modern Approaches – Infrastructure and Economic Development.

#### **Unit 2: Infrastructure And Public Utilities**

Infrastructure as a Public Good–Special Characteristics of Public Utilities–Performance of Education, Health and Housing in India–Marginal Cost Pricing in Public Utilities–Cost Subsidization– Free Prices, Equity and Efficiency.

#### **Unit 3: Economics Of Transportation And Communications**

Sources and Importance of Transportation and Location of Economic Activities– Performance of Railways in India–Importance of Communications–New Telecom Policy-1999 – Telephone Regulatory Authority of India (TRAI) Telecommunications in Rural India.

#### **Unit 4: Economics Of Energy**

Energy Needs of India–Importance of Energy in Economic Development–Factors Determining the Demand for Energy–Sources of Energy–Renewable and Non-Renewable Sources–Trends in the Production and Consumption of Commercial Energy– Energy Crisis – Measures to Tackle the Energy Problem in India.

#### **Unit 5: Electricity, Gas and Water Supply**

Sources of Electricity–Thermal–Hydel–Nuclear–Growing Importance of Wind and Solar Energy–Production and Consumption of Natural Gas–Rural Drinking Water– Measures to improve Electricity, Gas and Water Supply.

#### **REFERENCES:**

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## **SEMESTER - III**

### **ECO 305 (c) ECONOMICS OF INSURANCE (with effect from the academic year 2016-17)**

#### **Unit-I: Introduction**

Economic Security, Exposure to Losses - Definition of Insurance - Risk pooling and Risk Transfer, Social Vs. Private Insurance - Life Vs. Non- Life Insurance - Classification of Life, Health and General Insurance Policies

#### **Unit-II: Risk and Risk Management**

Fundamentals of Uncertainty and Risk, Classification of Risk - Concepts of Risk Management - Essentials of Risk Management, Elements of Risk Management - Risk Assessment - Risk Control - Risk Financing - Concepts of Re-insurance - Types of Re-insurance - Re-insurance Markets

#### **Unit- III: Insurance and Economic Development**

Risk Management and Insurance in Economic Development- Insurance Institutions as Financial Intermediaries, Insurance Institutions as Investment Institutions - Regulations governing Investments of Insurance Institutions in India

#### **Unit-IV: Types of Insurance**

Life and Health Insurance - Fundamentals of Life and Health Insurance - Functions of Life and Health Insurance - Plans of Life Insurance - Selection of Risks - Underwriting of Life and Health Insurance - Group Insurance - General Insurance - Definition of General Insurance - Types of General Insurance - Fundamentals of the Following Concepts - Common Law Equity Proposal - Indemnity, Insurable interest, Contribution, Subrogation - Utmost good faith, Physical and Moral Hazards - Marketing of General Insurance.

#### **Unit-V: Insurance for Retirement Needs and Regulations**

Retirement Planning Strategies - Investment for Retirement - Pension Plans - Pension Plans in India - Regulation of Insurance - Insurance Regulation in India - Insurance Regulation and Development Authority (IRDA).

#### **REFERENCES:**

1. Bhole, L.M., 1990, The Indian Financial System, Tata McGraw Hill, New Delhi.
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## **SEMESTER – IV**

### **ECO 401- RURAL DEVELOPMENT (Revised Syllabus with effect from 2016-17)**

#### **Unit-I: Approaches To Rural Development**

Rural Development – Basic Elements of Rural Development – Approaches to Rural Development: Marxian and Gandhian Approaches – People’s Participatory Approach – Target Group Approach – Integrated Approach.

#### **Unit-II: Issues Of Rural Development**

Size and Structure of Rural Economy – Poverty–Rural Unemployment Scenario–Role of Agricultural Sector and Non-Farm Sector–Food Security–Rural Industrialization–Rural Migration.

#### **Unit-III: Rural Development Programmes**

Community Development Programme(CDP)–Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)–SwarnaJayanthi Gram SwarozorYojana (SGSY)-Rural Housing Schemes-Provision of Urban Amenities in Rural Areas (PURA).

#### **Unit-IV: Institutional Support To Rural Development**

Panchayat Raj and Rural Development–Role of N.G.Os in Rural Development–Financing of Rural Development–NABARD–Commercial Banks–Regional Rural Banks and Cooperatives.

#### **Unit-V: Project Management And Rural Development**

Functions of Project Management–Project Implementation–Planning for Implementation Project Control–Integration and Coordination–People’s Participation–Project Monitoring and Evaluation.

#### **REFERENCES:**

1. Bhaduri, A and ArisurRahman, M.A., 1982, Studies in Rural Participation, Oxford and IBH Publishing Company, New Delhi.
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## SEMESTER – IV

### ECO 402- FINANCIAL INSTITUTIONS AND MARKETS (Revised Syllabus with effect from 2016-17)

#### **Unit 1: Nature and Role of Financial System**

Meaning, Definition and Structure of Financial System–Functions of Financial Systems – Promotional Role of Financial System in Developing Countries.

#### **Unit 2: Structure, Composition and Instruments of Money Market**

Definition of Money Market–Composition of Money Market: Call Money Market– Discount Market (Commercial Bill Market)–Acceptance Market–Treasury Bill Market– Instruments of Money Market–Commercial Papers–Certificate of Deposit–Repo and Reverse-Repo Transactions.

#### **Unit 3: Structure and Composition of Capital Market**

Definition of Capital Market–New Issues Market–Functions of New Issues Market– Players in the New Issues Market–Recent Trends in New Issues Market–Secondary Market– Functions of Stock Exchanges–Issue and Listing of Securities–Method of Trading in a Stock Exchange.

#### **Unit 4: Money and Capital Markets in India**

Structure, Objectives and Features of Money Market in India–Discount and Finance House of India (DFHI)-Recent Developments and Deficiencies in Indian Money Market-SEBI: Objectives, Functions and Performance–Securities Trading Corporation of India (STCI)–Features of NSE and BSE–Over the Counter Exchange of India (OTCEI)– Recent Developments and Defects of Indian Capital Market.

#### **Unit 5: Financial Institutions in India**

Objectives and Development Functions of Reserve Bank of India–3Commercial Banks–Non-Banking Finance Companies–Development and Investment Institutions in India–IFCI, IFBI, UTI, LIC and GIC–Recent Reforms in Indian Capital Market.

#### **REFERENCES:**

1. M.Y.Khan, Indian Financial System, Tata McGraw Hill, New Delhi.
2. L.M.Bhole, Financial Institutions and Markets, Tata McGraw Hill, New Delhi.
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6. Peter.S.Rose, Money and Capital Markets: Financial Institutions and Instruments, Tata McGraw Hill, London.
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## SEMESTER – IV

### ECO 403: INDUSTRIAL ECONOMICS (Revised Syllabus with effect from 2016-17)

#### **Unit 1: Industry and Economic Development**

Industrialization and Economic Development-Factors Promoting Industrialization-Strategies of Industrialization in Developing Countries.

#### **Unit 2: Firm and Forms of Industrial Organization**

The Theory of the Firm – Objectives – Size-Growth of the Firm-Optimum Firm-Factors Determining Optimum Firm - Forms of Industrial Organization.

#### **Unit 3: Theories of Industrial Location**

Factor Influencing Industrial Location–Theories of Industrial Location: Alfred Weber, Sargeant Florence, August Losch, Walter Isard–Melvin Greenhut.

#### **Unit 4: Investment Decisions**

Nature and Types of Investment Decisions–Time Preparation–Profile of Project–Project Evaluation/Appraisal–Cost-Benefit Analysis-Different Rates of Return Methods - Pay Back Method - Accounting Rate of Return Method - Net Present Value Method and Internal Rate of Return Method-Break-Even Analysis.

#### **Unit 5: Industrial Management**

Industrial Productivity–Rationalization–Automation–Industrial Efficiency–Role of Science and Technology in Industrial Development-Industrial Policies of 1956 and 1991.

#### **REFERENCES:**

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## **SEMESTER – IV**

### **ECO 404(a)-INDIA'S ECONOMIC REFORMS**

**(Revised S**

#### **Unit 1: Economic Reforms -1991**

Economic Reforms–Need for Economic Reforms in India–Reforms of 1991–Appraisal of Economic Reforms in the Market Economy–Future Directions of Economic Reforms

#### **Unit 2: Reforms In Banking Sector**

Economics of Liberalization and Privatization–Banking and Financial Sector Reforms in India–Liberalizing Interest Rates–Narasimham Committee Report on the Financial System– Non-Banking Financial Companies : RBI Directions–Disinvestment in Public Sector Units.

#### **Unit 3: Reforms In Agricultural Sector**

Structural Reforms–Macroeconomic Stability–Fiscal Policy and Economic Reforms in India–Economic Reforms in Agricultural and Rural Development.

#### **Unit 4: Industrial Reforms**

Industrial Reforms–Impact of Reforms on Poverty and Employment–New Economic Policy and Sustainable Development–Strengthening Social Sectors and Safety nets.

#### **Unit 5: Reforms In Trade**

Globalization of Indian Economy–Trade Reforms–Impact on Trade–Foreign Direct Investment–Multinationals– WTO–Problem of Foreign Debt.

#### **REFERENCES**

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## **SEMESTER – IV**

### **ECO 404(b): ANDHRA PRADESH ECONOMY (Revised Syllabus with effect from 2016-2017)**

#### **Unit 1: Structure of Andhra Pradesh Economy**

State GDP – Per capita Income – Human Development Index – Income and Employment Pattern in Andhra Pradesh – Magnitude of Poverty – Demographic Features – Social, Political and Economic Empowerment of Women.

#### **Unit 2: Role of Agriculture Sector**

Importance of Agriculture – Production and Productivity of Agriculture – Change in Cropping pattern – Sources of Agricultural Finance – Land Reforms in Andhra Pradesh – Recommendations of Koneru Ranga Rao Committee.

#### **Unit 3: Industrial Sector**

Growth and Structure of Industries – Large Industries and Micro, Small and Medium Enterprises – Weaknesses and Problems of Industries – Sources of Industrial Finance – Role of Cooperatives in Andhra Pradesh.

#### **Unit 4: Role of Service Sector**

Service Sector in Andhra Pradesh – Importance, Composition and Growth with Special reference to Transport, Electricity, Communication, Tourism and Information.

#### **Unit 5: Planning in Andhra Pradesh**

Five Year Plans of Andhra Pradesh – Aims, Objectives, Targets and Achievements – Sources of State Revenue – Trends in Public Expenditure and Public Debt of Andhra Pradesh.

#### **REFERENCES:**

1. R.S. Rao, Fifty Years of A.P 1956 -2006, CDR and communications, Himayat Nagar, Hyderabad.
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## **SEMESTER – IV**

### **ECO 404(c): ENTREPRENEURSHIP AND SKILL DEVELOPMENT (Revised Syllabus with effect from 2016-2017)**

#### **Unit I: Entrepreneurship**

Concepts of Entrepreneurship - Functions and Types of Entrepreneurs - Motivation and Competency –Entrepreneurship - Women Entrepreneurship and Economic Development.

#### **Unit ii: Organizations For Entrepreneurship Development**

Programmes for the Development of Entrepreneurship - National and State Level Organizations - Entrepreneurship Development Institute of India (EDII) - National Institute for Entrepreneurship and Small Business Development (NIESBUD) - National Science and Technology Entrepreneurship Development Board (NSTEDB) - National Institute of Small Industry Extension and Training (NISIET).

#### **Unit iii: Identification And Preparation Of Project Report**

Identification of Project – Objectives of Project – Methods and Contents of Project Report – Formulation and Appraisal of Project Report.

#### **Unit Iv: Development Of Skills**

Need for the Development of Skills –Communication Skills – Verbal and Non-Verbal Communication – Barriers to Communication – Individual Interaction Skills – Basic Interaction Skills - Leadership Skills - Working Individually and as a Team - Personality Development – Intra and Inter-personal Communication Skills.

#### **Unit V: Organizations For Skill Development**

Skill Development Mission – PM’s National Council on Skill Development – National Skill Development Coordination Board – National Skill Development Corporation – SIKSHAM- National Skill Foundation of India(NSFI) – Skill Development Initiative (SDI) - KaushalVikasYojana (KVY) – AP State Skill Development Board.

#### **REFERENCES:**

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## SEMESTER – IV

### ECO 404:(d) LABOUR ECONOMICS (Revised Syllabus with effect from 2016-2017)

#### **Unit 1: Labour Markets**

Nature and Characteristics of Labour Markets in India-Types of Labour Markets- Concept and Types of Labour-Composition of Labour in Different Sectors-Lewis Surplus Model-Demand for Labour in the Long Run-Labour Supply Analysis.

#### **Unit 2: Wage Determination**

Wage Theories of Ricardo, J.S.Mill and Karl Marx-Marginal Productivity Theory of Wages-Bargaining Theory of Wages-Principles of Wage Determination-Wage Determination in Various Sectors- Organized-Unorganized and Informal Sectors.

#### **Unit 3: The Wage Policy In India**

National Wage Policy and Economic Development-Concepts of Minimum, Fair and Living Wages-Minimum Wages Act-1948-Role of Wage Boards in Wage Fixation-Profit Sharing Schemes and Payment of Bonus.

#### **Unit 4: Employment**

Concept and Types of Unemployment in India-Variou programmes to solve the problem of unemployment during plan Era – Philip’s curve – relationship between employment and unemployment.

#### **Unit 5: State And Labour**

Features of Industrial Labour-Trade Union Movement-its Defects and Measures to Strengthen the Movement in India-Social Security and Welfare Measures in India-Second National Commission on Labour.

#### **REFERENCES**

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## **SEMESTER – IV**

### **ECO 405(a): WOMEN AND ECONOMIC DEVELOPMENT**

**(Revised Syllabus with effect from 2016-2017)**

#### **UNIT- I: Women and Economic Development in India**

Women Population in India - Rural and Urban Women Population – Fertility Rates – Women Labour Force and Work Force Participation Rates – Role of Women in Economic Development.

#### **UNIT – II: Women and Human Development**

Human Development – Gender Gap – Gender Inequality Index - Gender Development Index – Gender Empowerment – Measures – Women and Literacy, Life Expectancy – Access to Health Care – Income Inequalities.

#### **UNIT – III: Women and Labour Markets**

Gender division of labour – Participation rates in rural and urban employment markets in India - Factors affecting women entry into labour markets in Agriculture, Industry and Service sectors - Women in Organized and Unorganized Sectors

#### **UNIT – IV: Governance for Women Development**

Role and functions of Ministry of Women and Child Development - Social Welfare Boards: National and State level Commissions of Women. Women's Development Corporation. National Institute of Entrepreneurship and Small Business Development (NIESBUD) – NABARD - Small Industries Development Bank of India (SIDBI).

#### **UNIT – V: Welfare Programmes and Women Development**

Role of Non-Government Organizations in Women's welfare - Kasturba Gandhi Balika Vidyalayas (KGBV) – National Programme for Adolescent Girls (NPAG) – National Mission for Empowerment of Women – STEP – Micro Credit Groups – SWADHAR – DHANALAKSHMI – Rashtriya Mahila Kosh (RMK) – Indira Gandhi Matrutva Sahayog Yojana – MGENREGA – Hostels for Working Women – Kishori Balika Pathakam – Indira Kranthi Patham – Janani Suraksha Yojana - Bangaru Talli Programme – Jana Dhan Yojana – Sukanya Samrudhi Yojana.

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## SEMESTER – IV

### ECO 405(b): ECONOMICS OF TOURISM (Revised Syllabus with effect from 2016-2017)

**Unit : I Nature, Scope And Composition Of Tourism:** Meaning And Definition Of Tourist and Tourism- Historical Perspective of Tourism in India- Types and Forms of Tourism in India –Individual, Group and Mass Tourism – Domestic, National and International Tourism – Inbound and Outbound Tourism - Composition of Tourism Industry –Accommodation, Hospitality and Catering – Transportation – Travel Agents and Tour Operators – Emerging Forms of Tourism

**Unit: Ii: Economic Dimensions Of Tourism:** Interaction Between Economic Development and Tourism- Tourism: a Consumption Industry – Economic Impacts of Tourism – Multiplier effect- Income and Employment Generation – Impact on Balance of Payments – Regional Development – Impact of Tourism on Environment - Sustainable Tourism – Pro-Poor Tourism (STEP) – Tourism and Women Empowerment.

**Unit: Iii:Development Of Tourism In India:**Domestic And International Tourism In India – Mode and Purpose of Tourism –Tourism Policies in India – Tourism Policy-2015-20 – Incredible India – New Schemes – SwadeshiDarshan – National Mission on Pilgrimage Rejuvenation and Spiritual Augmentation (PRASAD) –Swachh Bharat Mission – SwachhParyatan - Fiscal Incentives to Tourism and Inflows of FDI – e-Tourism – Publicity and Marketing of Tourism – International Cooperation.

**Unit: Iv:Economics Of Tourism:** Schemes And Programmes For The Development Of Tourism – Trends in Contribution of Tourism to GDP - Tourism Products and Mega-destinations in India – Trends in Domestic and Foreign Tourist Arrivals – Source countries for Foreign Tourist Arrivals – Tourism Receipts – Trends in Foreign Exchange Earnings – Share of India – Future Potential of Tourism Industry.

**Unit: V:Sub-Segments Of Tourism Industry In India:**Allied Components Of Tourism – Types of Accommodation – Hotels and Restaurants – Major Players – Classification of Hotels – Incentives for the Hotels – Tour Operators – Major Players – Guides and Travel Trade Service Providers – Travel Agents – FDI and Development of Hotels – Transportation and Tourist arrivals – Air, Rail and Road Transportation – Package Tours – India Convention Promotion Bureau (ICPB) – Publicity and Market Development for Promotion of Travel and Accommodation.

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## **SEMESTER – IV**

### **ECO 405(c): TRIBAL ECONOMY (Revised Syllabus with effect from 2016-2017)**

#### **Unit – 1: Characteristics of Tribal Population**

Definition of Scheduled Tribes – Primitive Tribes – Characteristics of Tribal Population – Different Tribal Groups in India – Growth of Tribal Population in India.

#### **Unit – 2: Socio-Economic conditions of Tribes**

Need for Tribal Development – Socio –Economic Conditions of Tribal – Tribal Health, Food and Nutrition – Tribal Culture – Status of Tribal Women Development.

#### **Unit – 3: Development of Tribal Woman in India**

Approaches for Tribal Development in India – Pre-Independence period and post – Independence period – Integrated Tribal Development Agency in India – Tribal Development Plans – Community Development Plans – Approach and Tribal Development.

#### **Unit – 4: Government Policy and Tribal**

Educational Development of Tribals – Economic status – Shifting Cultivation - Deforestation and Tribals – Legal Status and Distribution of Forest Lands – Social Intervention Policy – Political status in India.

#### **Unit – 5: Status of Tribals in Andhra Pradesh**

Tribal Economy in Andhra Pradesh – Literacy level – Asset Holding - Distribution of Schedule Population in Andhra Pradesh Districts – Growth of Scheduled Tribes Population -Predominate tribes in Andhra Pradesh – Tribal welfare in Andhra Pradesh.

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