

SRI VENKATESWARA UNIVERSITY: TIRUPATI
SVU COLLEGE OF ARTS

DEPARTMENT OF ECONOMICS
(Revised Scheme of Instruction and Examination, Syllabus etc., under CBCS
Regulations -2016 is Amended as per NEP-2020)
(With effect from the batch admitted in the academic year 2021-22)

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-Theory	20	80	100	
2	ECO 102	Macro-Economic Analysis - I	6	4		20	80	100	
3	ECO 103	Public Economics	6	4		20	80	100	
4	ECO 104	Mathematical Methods in Economics	6	4		20	80	100	
5	ECO 105	A	* Fundamentals of Computer	6	4	CF	20	80	100
		B	Urban Economics						
		C	Welfare Economics						
6	ECO 106	A	Economics of Environment	6	4	EF	20	80	100
		B	Demography						
Total			36	24		120	480	600	
7	ECO 107	Human Values and Professional Ethics - I	0	0	Audit Course	100	0	0	

Note: * Theory – 60, Internal Assessment – 20 and Practical's -20 paper 105 (A)

- All Core papers are Mandatory
- Compulsory Foundation – choose one paper
- Elective Foundation - Choose one paper
- Audit course- 100 Marks (Internal) –Zero Credits under Self Study
- 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-Theory	20	80	100	
2	ECO 202	Macro-Economic Analysis - II	6	4		20	80	100	
3	ECO 203	Federal Finance	6	4		20	80	100	
4	ECO 204	Statistical Methods in Economics	6	4		20	80	100	
5	ECO 205	A	International Trade: Theory and Policy	6	4	CF	20	80	100
		B	Economics of Infrastructure						
		C	Introduction to Information Technology						
6	ECO 206	A	Basic Econometrics	6	4	EF	20	80	100
		B	Economics of Tourism						
Total			36	24		120	480	600	
7	ECO 207	Human Values and Professional Ethics - II	0	0	Audit Course	100	0	0	

- All Core papers are Mandatory
- Compulsory Foundation – choose one paper
- Elective Foundation - Choose one paper
- Audit course- 100 Marks (Internal) –Zero Credits under Self Study
- 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-Theory	20	80	100
2	ECO 302	Indian Economy		6	4		20	80	100
3	ECO 303	A	International Finance	6	4	Generic Elective	20	80	100
		B	Production Economics and Farm Management						
		C	Industrial Economics	6	4		20	80	100
		D	Women and Economic Development						
4	ECO 304	Communication and Soft Skills		6	4	Skill Oriented	20	80	100
5	ECO 305	A	Andhra Pradesh Economy	6	4	Open Elective	20	80	100
		B	Agricultural Economics						
Total				36	24		120	480	600

- All Core papers are Mandatory
- Generic elective – choose two papers
- Skill oriented Course is mandatory
- Open Electives are for the Students of other Departments. Minimum one paper should be opted. extra Credits may be earned by opted 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-Theory	20	80	100
2	ECO 402	Financial Institutions and Markets		6	4		20	80	100
3	ECO 403	A	India's Economic Reforms	6	4	Generic Elective	20	80	100
		B	Entrepreneurship and Skill Development						
		C	Labour Economics	6	4		20	80	100
		D	Economics of Insurance						
4	ECO 404	Human Resource and Sustainable Development		6	4	*MDC	20	80	100
5	ECO 405	A	Human Resource Development	6	4	Open Elective	20	80	100
		B	Planning in India and Indian Economy						
Total				36	24		120	480	600

- All Core papers are Mandatory
- Generic elective – choose two papers
- *Multidisciplinary Course is mandatory
- Open Electives are for the Students of other Departments. Minimum one paper should be opted. extra Credits may be earned by opted 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 ANALYSIS - I
(Revised Syllabus with effect from 2021-2022)

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: Cost of 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 Mc Graw Hill, New Delhi.
8. Diamond and Roths Child (Ed), 1978, Uncertainty in Economics, Academic Press, New York.
9. Hirchleifer, 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 ANALYSIS - I
(Revised Syllabus with effect from 2021-2022)

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 2021-2022)

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. Sudipto Mundle (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. Raghabendra Jha, 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 2021-2022)

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(A): FUNDAMENTALS OF COMPUTERS
(Revised Syllabus with effect from 2021-2022)

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 – Animation and slide Transit – Inserting Tables and Graphs in PPTs

Unit 5: Software Packages and Internet

Opening Excel files in SPSS - Variables, labels and values, Analysis tools - Descriptive Statistics - Selection of variables in multiple linear regression – Stepwise Regression - Definition – Internet - History – Internetworking – WWW – E-mail Basics – Advantages and Disadvantages – Creation of E-Mail – User IDs., Passwords and E-mail Address – Message Components – E-mail management – Search Engines.

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 Mc Graw 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 Mc Graw- Hill Publishing Co., New Delhi.
7. Ravichandran, D., 2001, Introduction to Computers and Communication, Tata Mc Graw 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 105(B): URBAN ECONOMICS
(Revised Syllabus with effect from 2021-2022)

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 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 Awas Yojana – Sab Keliye Awas – Basti Sudhar – Rajiv Rinn Yojana – Need Reforms in Government Policy .

REFERENCES:

- G.F. Bussars: Repid Problems of Urbanisation in India.
Asok Owtra John: An Approach to Urban studies in India
John D. Herbert and Alfrad P.Vn; Urban Planning in the Developing Countries.
UN HABITAT : Cities and Climate Change Initiatives, News Letters
UN HABITAT (2003) The Challenges of Slums, Earthscan Publications, London
United Nations (2014) World Urban Prospects – Revision 2014, Department of Economic Social Affairs, Population Division , New York.
United Nations Human Settlement Programme (2013) Planning and Design for Sustainable Urban Mobility. Global Report on Human Settlements -2013

SEMESTER – I
ECO 105 C: WELFARE ECONOMICS
(Revised Syllabus with effect from 2021-2022)

Unit 1: Introduction to Welfare Economics: The concepts of Positive versus Normative Economics - “Welfare Economics” or “Economics of Well-Being - A Simple Graphical Presentation of the Course – Foundations of Methodological Individualism - Notion of “Rationality” - Methodology of Economics.

Unit- 2: Markets, Efficiency and Welfare:– Divergence between Private and Social costs – Problems of non-market interdependence – Externalities in production and consumption – Pigovian welfare economics - The First Fundamental Theorem of Welfare Economics - The Second Fundamental Theorem of Welfare Economics Arrow-Debreu Economies and General Competitive Equilibrium - Asymmetric Information and Market Allocations

Unit- 3: Social Choice Theory: Individual ordering and Social choice rule – conditions for majority rule – Pareto extension rules – liberalism versus Pareto Principle - Arrow’s Impossibility Theorem - Gibbard-Satterthwaite Impossibility Theorem - Sen’s Liberal Paradox - Voting Rules - Interpersonal Comparisons of Utility

Unit- 4: New Welfare Economics: Contributions of Barone to Welfare Economics - Kaldor and Hicks’ Compensation Criterion – The Scitovsky double criterion – Concept of Community indifference map – Samuelson’s Utility possibility curve – Value judgments and welfare economics – Bergson’s social welfare function – Restricted preference under Collective and rational choice

Unit- 5: Introduction to Behavioral Welfare Economics: Behavioural Economics (BE) – Importance and Rise of BE W- Kahneman and Tversky’s Prospect theory on Optimal Decisions – Herbert Simon’s Bounded Rationality and Information and Computational Capabilities – Richard Thaler and Sunstein’s Nudge theory.

Text Books and Reference Books

1. Feldman, A. M. & R. Serrano: *Welfare Economics and Social Choice Theory*, 2nd Edition, Berlin: Springer, 2006 [HB99.3.F45 2006, On Reserve]
2. Bowles, S.: *Microeconomics*, New York: Russel Sage Foundation, 2004. (A critical approach to microeconomics)
3. Katzner, D.W.: *An Introduction to the Economic Theory of Market Behavior*, Cheltenham: Edward Elgar, 2006.
4. Varian, H. R.: *Intermediate Microeconomics*, Eight Edition, New York: W.W. Norton, 2010, especially Chs. 31-34 and 36.
5. Jehle, G.A. and P.J. Reny: *Advanced Microeconomics*, 3rd. Edition, Harlow-Essex, Pearson, 2011, especially Chs. 4,5 and 6.
6. Kreps, D.M.: *Microeconomic Foundations I*, Princeton and Oxford: Princeton University Press, 2013, especially Chs. 8, 13 and 14.
7. Mas-Collel, A., M. D. Whinston and J. R. Green: *Microeconomic Theory*, New York: Oxford University Press, 1995, Especially Chs. 10-11, 15-16 and 21-23.
8. Varian, H. R.: *Microeconomic Analysis*, Third Edition, New York: W.W. Norton, 1992, especially Chs. 17 and 22-24.
9. Blaug, M.: “Fundamental Theorems of Welfare Economics-Historically Contemplated”, *History of Political Economy*, Summer 2007, Vol. 39(2), pp. 185-207.
10. Feldman, A. M. & R. Serrano: *Welfare Economics and Social Choice Theory*, 2nd Edition, Berlin: Springer, 2006 Ch. 3 (pp. 51-78) and Ch. 5 (pp. 93-118). [HB99.3.F45 2006] [Reserved]

SEMESTER – I
ECO 106(A): ECONOMICS OF ENVIRONMENT
(Revised Syllabus with effect from 2021-2022)

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:

1. Baumol, W.J. and W.E. Oates (1987), “Theory of Environment Policy” – Cambridge University Press, Cambridge.
2. Dales. J.H.(1968), Pollution, Property and Prices:- Toronto University Press, Toronto.
3. David Pearce. W.D(1998), “Economics and Environment–Essays on Ecological Economics and Sustainable Development”-Edward Elgar Publishers Ltd. UK.
4. Karpagam, M.(2006), “Environmental Economics”-Sterling Publishers Private Ltd, New Delhi.
5. Katar Singh and Anil Shishodia (2007), Environmental Economics-Theory and Applications-Sage Publications, New Delhi.
6. Rabindra N. Battacharya (2001), “Environmental Economics–An Indian Perspective”-Oxford University Press, New Delhi. \
7. Ulganathan sankar (2001), “Environmental Economics (Ed)”-Oxford University Press, New Delhi.
8. Chopra. K and Agarwal (1998), “Trade and Environment”-Working Paper, Delhi, IEG.
9. Cropper.M.L and W.E. Oates (1992), “Environmental Economics: A Survey”–Journal of Economic Literature, 30,675-740.
10. Raucher, M. (1997), “Environment and International Trade”-Oxford University Press, New York.
11. World Commission on Environment and Development (1987) “Our Common Future”-Oxford University Press, Oxford.
12. World Bank (1992), “World Development Report”.
13. World Bank (1999-2000), “World Development Report”.

SEMESTER – I
ECO 106(B) – DEMOGRAPHY
(Revised Syllabus with effect from 2021-22)

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, industrialization and Urbanization 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 – Janani Suraksha Yojana -2005 – Role of Accredited Social Health Activists (ASHA) – SANTUSHTI AND PRERANA Strategies – Rashtriya Kishore Swasthya Karyakram -2014- Population Projections-2016 and 2026.

REFERENCES:

1. Agarwala, S.N. (1972) India's Population Problem, Tata McGraw Hill , Bombay
2. Alok Ranjan Chaurasia and Ravendra Singh (2012) 40 Years of Planned Family Planning Efforts in India (aranjan@shyam institute.in and singhravendra@hotmail.com)
3. Bogue ,J Donald , D.J. (1971) Principle of Demography, John Wiley , New York
4. Bose ,A. (1996) India's Basic Demographic statistics, B.R. Publishing corporation, New Delhi
5. Edward G. Stockwell and Associates (1976) The Methods and Materials of Demography, Academic Press, New York
6. FICCI and Ernst and Young (2012) Knowledge paper on Skill Development in India – Learner First Government of India (2009) Compendium of Selected Indicators of Indian Economy, Vol.II- Key Economic Indicators (Demography), Ministry of Statistics and Programme Implementation, New Delhi
7. Government of India (2014) Report on Education, Skill Development and Labour force, (2013-14) –Vol. III, Ministry of Labour and Employment, Chadigarh
8. Government of India (2014) Five Years (2009-14)-Achievements and New Initiates, Ministry of Health and Family Welfare, New Delhi

SEMESTER – I
ECO 107: HUMAN VALUES AND PROFESSIONAL ETHICS – I
(Revised Syllabus with effect from 2021-2022)

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-Arya Astanga marga, (c) Jainisam- mahavrata and anuvrata. Values embedded in various religions, Religious tolerance, Gandhian ethics.

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

REFERENCES:

1. R.Subramanian ,Professional Ethics, Oxford University Press.
2. Joha S Mackenjie:A Manual Of Ethics.
3. The Ethics of Management by Larue Tone Hosmer.Richard D.Irwin Lnc.
4. Management Ethics Integrity at Work by Joseph A.Petrick and John F.Quinn.Respons Books;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;Introducation Ethics.
9. Sinha: A Manual of Ethics.
10. Manu:Manava Dharma Sastra or the Institute of Manu:Comparising the Indian System of Duties :Raligious and civil (ed.) G.C.Halighton.
11. Susrpta samh ita: Tr.Kaviraj Kunjanlal , Kunjalal Brishagratha .Chowkarnaba Sanskrit series. Vol LII and III , Varanasi , Vol I 00, 16’20,21-32 and 74-77 only.
12. Caraka samhita :Tr.Dr.Ram karan sarma and vaidya bhagavan dash, Chowkarnaba Sanskrit series office. Varanasi I,11.111 Vol IPP 183-191.
13. Ethics, Theory and contemporary issues.Barbara mackinnon wadsworth / Thomsaon learning, 2001.
14. Analyzing moral.issues,Judith A.Boss.May Field Publishing Company-1999.
15. An introduction to applied ethics(ed.)John H.Piet and Ayodhya Prasad.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 2021-22)

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.

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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, (2nd 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, (2nd 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 2021-22)

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, 5th 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 2021-22)

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.
15. Phillips A and O.E. Williamson (Eds), 1967 Prices, Issues in Theory. Practice and Public Policy, University of Pennsylvania Press, Philadelphia.
16. Economic Surveys, Government of India, New Delhi.

SEMESTER – II

ECO 204: STATISTICAL METHODS IN ECONOMICS (Revised Syllabus with effect from 2021-22)

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:

1. Chou, Y., 1975, Statistical, Holt, Rein Hart and Winston, New York.
2. Croxton, Crowdenm and Klein, 1971, Applied General Statistics, Prentice Hall of India, New Delhi.
3. Goon, A.M., Gupta, M.K and Dasgupta, B., 1993, Fundamentals of Statistics, Vol.1, The World Press Ltd., Calcutta.
4. Guptha, C.B., 1981, Statistical Methods, Vikas Publishing House, New Delhi.
5. Guptha, S.B., Fundamentals of Statistics, Himalaya Publications.
6. Guptha, S.P., Introduction to Statistical Methods, Sulthan Chand & Sons, New Delhi.
7. Hoog, R.V. and Craig, A.T., 1970, Introduction to Mathematical Statistics (3rd Edition) Macmillian Publishing Co., New York.
8. Nagar, A.L. and Das R.K., 1993, Basic Statistics, Oxford University Press Ltd., New Delhi.

SEMESTER – II
ECO 205(A): INTERNATIONAL TRADE: THEORY AND POLICY
(Revised Syllabus with effect from 2021-22)

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:

1. Bhargawathi, J.N., International Trade : selected readings.
2. Bhargawathi, J.N. and Panagaria., Lectures on International Trade.
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(B): ECONOMICS OF INFRASTRUCTURE
(with effect from the academic year 2021-22)

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:

1. Crow, M.A. and R.D.Kleindorfer, 1979, Public Utility Economics, Macmillan, London.
2. Nelson, J.R., 1964, Marginal Cost Pricing in Practice, Prentice Hall, England-Cliffs.
3. Philips, A and O.F. Williamson (Eds), 1967, Prices: Issues in Theory, Practice and Public Policy, University of Pennsylvania Press, Philadelphia.
4. Kneafsey, J.T., 1975, Transportation Economic Analysis, Lexington Books, Toronto.
5. Aronofsky, J.A and M.Shakum, Eds, 1978, Energy Policy, North Holland, Amsterdam.
6. Macrakis, MS.Ed., 1974, Energy Demand Consevation and Institution Problems, Macmillan, London.
7. Nordhavs, W.P., Ed., 1974, International studies of the demand for energy, North Holland, Amsterdam.
8. Pachauri, R.K., Ed., 1989, Energy Policy for India, Macmillan Co. of India, Delhi.
9. Turvey, R and D. Anderson, 1977, Electricity Economics, John Hopkins, Baltimore

SEMESTER - II

ECO 205(C): INTRODUCTION TO INFORMATION TECHNOLOGY (with effect from the academic year 2021-22)

MODULE –I: THE INTERNET AND WORLD WIDE WEB

Types of Net Work, LAN and WAN Topology, LAN Components, Internet - History of the Internet, Internet Protocols - World Wide Web (WWW) – Browsing the Web – Internet Addresses – URLs – http-https - Features of the Internet - Setting up of Websites – Bandwidth – Internet Multimedia – YouTube – Internet Phone - Uses and abuses of Internet.

MODULE – II: COMMUNICATIONS – THE ELECTRONIC WEB

Voice Mail – Online services – Electronic Mail – Group Communications - Mailing Lists – Internet relay chat – Video Conferencing – Uploading and downloading files and attachments - ASCII and Binary Files – Shared disks – FTP on the internet.

MODULE III: INFORMATION TECHNOLOGY AND MULTIMEDIA

Multimedia in Education and Training – Content Development, uploading and sharing – Multi-media in Entertainment – Audio and Video songs and movies – File sizes, compression image sizes and quality – video editing – Virtual Reality Modeling Language (VRML) – Web TV.

MODULE IV: INFORMATION TECHNOLOGY IN BUSINESS

Information Tools for Management Control – Online Analytical Processing – Data warehousing and data mining – Digital printing – Internet Advertising –Presentations and Demos – Electronic Data interchange (EDI) – Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) – Online Marketing and Electronic Commerce – Amazon- Filpkart.

MODULE V: PERSONAL, SOCIAL AND ETHICAL ISSUES

Computer and human Health – Electromagnetic Radiation – Viruses – Leading Viruses – Browser Security – Macro Viruses – Copy Right and Plagiarism – Computer Crimes – phishing – Cryptography – The internet Privacy – Single Key Cryptography – The Electronic Supervisor – Censorship in internet.

READING LIST:

1. Dennis P. Curtin, Kim Foley, Kunal Sen and Cathleen Morin (1999), *Information Technology: The Breaking Wave*, New Delhi: Tata McGraw-Hill Edition.
2. Vishal Soni (2008): Fundamentals of Computers, Himalaya Publishing House, New Delhi.
3. Sinha PK (1992): Computer Fundamentals, BPB Publications, New Delhi.
4. Raja Raman V (2000): Fundamentals of Computers, Prentice Hall of India, New Delhi.
5. P Mohan (2004): Fundamentals of Computers, Himalaya Publishing House, New Delhi.
6. Prashanth Lakkadwala (2011): Basic Computer Engineering, BS Publications, Hyderabad.
7. BN Mallikarjuna Rao (2012): Fundamentals of Computers, SVBD, Vijayawada.

SEMESTER - II
ECO 206(A): BASIC ECONOMETRICS
(with effect from the academic year 2021-22)

Unit 1: Nature of Econometrics and Economic Data:

Definition of Econometrics – Steps in Empirical Economic Analysis - Econometric Model – The Role of Measurement in Economics – The Structure of Economic Data: Cross-Sectional data, Time Series data, Pooled Cross Section data, Panel Data.

Unit 2: Simple Regression Model:

Two Variable Linear Regression Model: Assumptions, Estimation of Parameters, Tests of Significance and Properties of Estimators – Functional forms of Regression models – Log-linear models, Semi log- models and Reciprocal models – Choice of Functional Form.

Unit 3: The General Linear Model:

Matrix approach to three variable General Linear model - Review of Assumptions, Estimation and Properties of Estimators: Un-biasness, BLUEs and Tests of significance of estimates – Analysis of Variance - Dummy variables - Nature of Dummy variables – Use of Dummy Variables.

Unit 4: Violation of Assumptions in the Classical Linear Models: Heteroskedasticity - Testing for Heteroskedasticity – Consequences – Solution to the problem - Multi co-linearity –Methods of identification – Consequences – Solution to the problem – Auto or serial correlation –Testing for Serial Correlation – Durbin-Watson d-statistic - Consequences – Solution to the problem –Auto Regressive Model.

Unit 5: Simultaneous Equation Models:

Specification – Simultaneous Bias – Inconsistency of OLS Estimators - The concept of Identification, Rank and Order conditions for Identification – Indirect Least Squares - Two stage Least Squares (without proof), Problems.

TEXT AND REFERENCE BOOKS:

1. Johnston, J: **Econometric Methods**, McGraw-Hill Book Co., New York.
2. Maddala, G.S: **Econometrics**, McGraw-Hill Book Co., New York, 3rd Rd.
3. Gujarathi, D.N: **Basic Econometrics**, Fourth Edition, Tata McGraw-Hill, New Delhi.
4. Tintner, G: **Econometrics**, John Wiley & Sons, New York.
5. Koutiannis, A. **Econometrics**,
5. Wooldridge, Jeffery M: **Econometrics**, Cengage Learning India Pvt. Ltd, New Delhi

SEMESTER – II
ECO 206(B): ECONOMICS OF TOURISM
(Revised Syllabus with effect from 2021-2022)

Unit : 1 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 – Swadeshi Darshan – National Mission on Pilgrimage Rejuvenation and Spiritual Augmentation (PRASAD) –Swachh Bharat Mission – Swachh Paryatan - 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 Megadestinations 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.

REFERENCES:

1. Batra G.S. and R.C. Dangwal (Ed) (2001) Tourism Promotion and Development: New Advances, Deep and Deep Publications, New Delhi.
2. Bhatia, A.K. (2002) Tourism Development: Principles and Practices, Sterling Publishers Pvt. Ltd. New Delhi
3. Dain Bolwell and Wolfgang Weinz (2008) Reducing Poverty through Tourism, Working Paper-266, ILO, Geneva
4. The Federation of Hotel & Restaurant Associations of India (FHRAI) (2015) The India Hotel
5. Gill, Pushpinder (2005) Perspectives on Indian Tourism, Anmol Publications, New Delhi.
6. Gill, Pushpinder (2005) Tourism: Economic and Social Development, Anmol Publications, New Delhi
7. Government of India (2015) Annual Reports - Ministry of Tourism, New Delhi (2014) India Tourism Statistics at a Glance, Ministry of Tourism, New Delhi
8. ILO (2013) Tool Kit on Poverty Reduction through Tourism, Geneva.

SEMESTER – II
ECO 207: HUMAN VALUES AND PROFESSIONAL ETHICS - II
(Revised Syllabus with effect from 2021-2022)

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:

1. Joha S Mackenjie:A Manual Of Ethics.
2. The Ethics of Management by Larue Tone Hosmer.Richard D.Irwin Lnc.
3. Management Ethics Integrity at Work by Joseph A.Petrick and John F.Quinn.Respons Books;New Delhi.
4. “Ethics in Management” By S.A.Sherlekar, Himalaya Publication House.
5. Harold H.Titus ; Ethics For Today.
6. Maitra,S.K;Hindu Ethics.
7. William Lilly;Introduction Ethics.
8. Sinha: A Manual of Ethics.
9. Manu:Manava Dharma Sastra or the Institute of Manu:Comparising the Indian Syastem of Duties :Raligious and civil (ed.) G.C.Halighton.
10. Susrpta samh ita: Tr.Kaviraj Kunjanlal , Kunjalal Brishagratha .Chowkarnaba Sanskrit series. Vol LII and III , Varanasi , Vol I 00, 16’20,21-32 and 74-77 only.
11. Caraka samhita :Tr.Dr.Ram karan sarma and vaidya bhagavan dash, Chowkarnaba Sanskrit series office. Varanasi I,11.111 Vol IPP 183-191.
12. Ethics, Theory and contemporary issues. Barbara mackinnon wadsworth/Thomsaon learning, 2001.
13. Analyzing moral.issues,Judith A.Boss.May Field Publishing Company-1999.
14. An introduction to applied ethics(ed.)John H.Piet and Ayodhya Prasad.cosmo publications.
15. Text book for intermediate first year ethics and human values. Board of intermediate education-Telugu-academy, Hyderabad.
16. I.C.Sharma ethics philosophy of india.Nagin & co julundhar.

SEMESTER – III
ECO 301: ECONOMICS OF GROWTH AND DEVELOPMENT
(Revised Syllabus with effect from 2021-22)

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.
2. Kindleberger, C.P, 1977, Economic Development, McGraw Hill, New York.
3. Higgins, B, 1959, Economic Development, W.W.Norton, London.
4. Todaro, M.P, 1996, Economic Development, Longman, London.
5. Thirwal, A.P, 1999, Growth and Development, Mac Millan, U.K.
6. Hirschman, A.O, 1958, The strategy of Economic Development, Yale University Press, New York.
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SEMESTER – III
ECO 302: INDIAN ECONOMY
(Revised Syllabus with effect from 2021-22)

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 – Liberalization, 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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SEMESTER – III
ECO 303(A)- INTERNATIONAL FINANCE
(Revised Syllabus with effect from 2021-22)

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.

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SEMESTER – III
ECO 303(B)- PRODUCTION ECONOMICS AND FARM MANAGEMENT
(Revised Syllabus with effect from 2021-22)

MODULE – I: AGRICULTURE AND ECONOMIC DEVELOPMENT

Role of agriculture and Economic Development, Traditional and Modern Agriculture, Characteristics of Indian Agriculture; Interdependence between Agriculture and Industry; Resource Management in Agriculture.

MODULE – II: RURAL ECONOMIC ACTIVITIES AND RURAL INFRASTRUCTURE

Importance of Allied Activities in Development of Rural Economics, Animal Husbandry, Dairying and Fisheries, Forestry, Horticulture and Floriculture; Issues and problems in Rural Industrialization and Development of Agro – Based Industries, Rural Infrastructure – Rural Transport, Community Health and Functional Literacy.

MODULE – III: AGRICULTURAL PRODUCTION AND PRODUCTIVITY

Production Functions: Factor-Factor Relationship, Factor-Product Relationship, Product-Product Relationship, Cost Relationship and Profit Maximization in Indian Agriculture; Agricultural Production in India, Causes for low Productivity in Indian Agriculture; Factors Influencing Agricultural Productivity in India.

MODULE – IV: FARM SIZE AND FARM MANAGEMENT

Farm size and Productivity Debate: Measures of Size, Large vs Small size, Returns to Scale and Farm Size Relationship between size and Productivity; Inverse Relationship and Green Revolution, Pattern of land holdings in India; Causes for Small Size of Land Holdings, Risk and uncertainty in Agriculture; Farm Planning, Budgeting and Programming.

REFERENCE BOOKS

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SEMESTER – III
ECO 303(C)- INDUSTRIAL ECONOMICS
(Revised Syllabus with effect from 2021-22)

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.

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SEMESTER – III
ECO 303(D)- WOMEN AND ECONOMIC DEVELOPMENT
(Revised Syllabus with effect from 2021-22)

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 Khosh (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 – Suknya Samrudhi Yojana.

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9. Annual Reports of Ministry of Rural Development, Government of India.
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SEMESTER – III
ECO 304- COMMUNICATION AND SOFT SKILLS
(Revised Syllabus with effect from 2021-22)

Unit – 1: *Meaning and Types of Soft Skills:* Definition of soft skills – Types of Soft skills – Lower order and higher order Soft skills – Importance of soft skills in inter-personal communication and in employment

Unit- II: *Oral Communication Skills:* Better usage of English/Vernacular language - Presentation skills - Role Plays, Debate, Extempore, Public Speaking skills - GD Participation/facing techniques - Ability for planning, organizing and coordinating GD - Creative thinking, Problem solving and decision-making - Leadership skills.

Unit – III: *Written Communication Skills:* Basic grammar – Tenses – Structure of Sentences – Active Voice and Passive Voice - Paragraph writing, Essay writing, Situation Reaction Test, Report Writing, Memos.

Unit – IV: *General and Employability Skills:* Non-verbal communication, types of communication, E-mail etiquette, Telephone etiquette, Dining etiquette, Grooming, Resume writing, Group Discussion, Interview Skills, Preparation of CV - Active listening skills, Time Management, Stress Management.

Unit- V: *Interpersonal Soft Skills:* Self-awareness, Self-confidence, SWOC, Flexibility & Adaptability, Resilience, Attitude, Assertiveness, and Interpersonal Skills viz., - Goal setting, Negotiation, Persuasion skills.

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SEMESTER – III
ECO 305(A): 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.

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SEMESTER – III
ECO 305(B) – AGRICULTURAL ECONOMICS
(Revised Syllabus with effect from 2021-22)

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 – Pradhan Mantri Fasal Bima Yojana- Rashtriya Krishi Vikas Yojana – 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 Grameen Bhandaran Yojana – Role of AGMARK and AGMARKNET- Exports and Imports of Agricultural Commodities

REFERENCES:

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SEMESTER – IV
ECO 401- RURAL DEVELOPMENT
(Revised Syllabus with effect from 2021-22)

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) – Swarna Jayanthi Gram Swarozor Yojana (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:

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SEMESTER – IV

ECO 402- FINANCIAL INSTITUTIONS AND MARKETS (Revised Syllabus with effect from 2021-22)

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

REFERENCES:

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SEMESTER – IV
ECO 403(A)-INDIA'S ECONOMIC REFORMS
(Revised Syllabus with effect from 2021-22)

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 403(B): ENTREPRENEURSHIP AND SKILL DEVELOPMENT
(Revised Syllabus with effect from 2021-22)

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) - Kaushal Vikas Yojana (KVY) – AP State Skill Development Board.

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SEMESTER – IV
ECO 403:(C) LABOUR ECONOMICS
(Revised Syllabus with effect from 2021-22)

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.

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SEMESTER - IV
ECO 403 (D) ECONOMICS OF INSURANCE
(with effect from the academic year 2021-22)

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).

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SEMESTER - IV
ECO 404 HUMAN RESOURCE AND SUSTAINABLE DEVELOPMENT
(with effect from the academic year 2021-22)

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: 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-IV: Education and HRD

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

Unit-V: 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.

REFERENCES:

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SEMESTER – IV
ECO 405(A)- HUMAN RESOURCE DEVELOPMENT
(Revised Syllabus with effect from 2021-2022)

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 – IV
ECO 405(B)- PLANNING IN INDIA AND INDIAN ECONOMY
(Revised Syllabus with effect from 2021-2022)

MODULE-I: SECTORAL ASPECTS, TRADE AND ECONOMIC DEVELOPMENT

Agriculture and Economic Development; Industrialization in developing Nations – The Choice of Techniques and Appropriate Technology; Foreign Trade and Economic Development: W.T.O. and Developing Countries.

MODULE-II: MACRO ECONOMIC POLICIES AND DEVELOPMENT

Monetary policy – objectives, Role of Monetary policy and its limitations in Developing Countries; Fiscal Policy – importance and Objectives of Fiscal Policy in Developing Countries; Foreign investment and Foreign Aid-Importance and Components of Foreign investment and Foreign Aid – Importance and Components of Foreign Capital; Advantages and Disadvantages of Private Foreign investment; Case for and against Foreign Aid; Technology Transfer and MNCs.

MODULE-III: ALLOCATION OF RESOURCES

Investment criteria – Need for investment criteria in Developing Countries; Marginal Rule for Resource Allocation; Turnover Criterion; The Social Marginal Productivity criterion; The Reinvestment Criterion and The Time Series Criterion; Project Evaluation and Cost Benefit Analysis – Need and stages of Project Evaluation, Criteria for cost Benefit Analysis. Limitations and Uses of Cost-Benefit Analysis; Shadow prices – Meaning and Need for Shadow Prices - Determination of Shadow prices, Difficulties and Uses of Shadow Prices.

MODULE- IV: PLANNING AND TYPES OF PLANNING

Meaning of Economic Planning; Need for Planning in underdeveloped Countries; Types of Planning – Planning under Capitalism and Planning under Socialism, Planning in a Mixed Economy, Planning by Direction and Planning by inducement, Democratic Planning, Decentralized Planning and Indicative Planning; Planning for Inclusive Growth.

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