

SRI VENKATESWARA UNIVERSITY :: TIRUPATI
S.V.U. COLLEGE OF ARTS
M.A. DEGREE COURSE IN ECONOMICS
COMMON FOR BOTH CBCS & NON-CBCS
REVISED SCHEME OF INSTRUCTIONS AND EXAMINATIONS
(effective from the batch of students admitted from the academic year 2015-16)

Seme- Ster	Course Code	Title of the Course	Core / Elective	No. of Cre- dits	Uni. Exam. Dura- tion Hrs.	IA	SEE	Total Marks
I	Eco101	Micro Economics	Core	4	3	30	70	100
	Eco102	Macro Economics	Core	4	3	30	70	100
	Eco103	Public Economics	Core	4	3	30	70	100
	Eco104	Mathematical Methods in Economics	Core	4	3	30	70	100
	Eco105	Fundamentals in Computer Applications Theory – 50 Practical - 20	Core	4	3	30	70	100
II	Eco201	Economic of Growth and Development	Core	4	3	30	70	100
	Eco202	International Trade: Theory and Policy	Core	4	3	30	70	100
	Eco203	Indian Economy	Core	4	3	30	70	100
	Eco204	Statistical Methods in Economics	Core	4	3	30	70	100
	Eco205	Human Resource Development	Core	4	3	30	70	100
	Eco206	Human Values and Professional Ethics-I	Core	4	3	30	70	100

(with effect from the academic year 2016-17)
(effective from the batch of students admitted from the academic year 2015-16)

IV	Eco301	Entrepreneurship and skill Development	Core	4	3	30	70	100
	Eco302	Economics of Environment	Core	4	3	30	70	100
	Eco303	Women and Economic Development	Core	4	3	30	70	100
	Eco304	Computer Applications in Economics Theory – 50 Practical – 20	Core	4	3	30	70	100
	Eco305	A)Labour Economics & Personnel Management (or) B)Agricultural Finance and Marketing	Elect- ive	4	3	30	70	100
	Eco401	Rural Development	Core	4	3	30	70	100
	Eco402	International Finance	Core	4	3	30	70	100
	Eco403	Industrial Economics	Core	4	3	30	70	100
	Eco404	Financial Institutions and Markets	Core	4	3	30	70	100
	Eco405	Choose any one of the following A) Economics of Social Sector B) Economics of Insurance	Elect- ive	4	3	30	70	100
	Eco406	Human Values and Professional Ethics-II	Core	4	3	30	70	100

Note: IA – Internal Assessment, SEE: Semester End Exams.

Note: for Non-CBCS students 20 80 100
Theory – 50 Practical - 30

SRI VEKATESWARA UNIVERSITY
DEPARTMENT OF ECONOMICS (CBCS)
SEMESTER-ISEMESTER – I
ECO 101: MICRO ECONOMICS
Revised Syllabus
COMMON FOR BOTH CBCS & NON-CBCS

(effective from the batch of students admitted from the academic year 2015-2016)

Unit-I: Demand and Uncertainty Analysis

Demand Analysis- Neo-classical Marginal Utility Analysis – Indifference curve Analysis – Revealed Preference Theory - Economics of Uncertainty: Neumann – Morgenstern Utility Theory – Risk and Risk Aversion and Insurance.

Unit-II: Theory of Production and Costs

Production Function – Cobb-Douglas Production Function – Law of Variable Proportions – Returns to Scale – Isoquants – Equilibrium of the Firm – Traditional Theory of Costs – Modern Theory of Costs.

Unit-III: Price and Output Determination

Perfect Competition – Monopoly – Monopolistic Competition – Oligopoly – Duopoly - Modern Theories of the Firm: Baumol's Sales Revenue Maximization Model – Marries model of Growth Maximization - Williamsons' model of Managerial Discretion – Bain's limit Pricing Theory.

Unit-IV: Theories of Distribution

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

Unit-V: General Equilibrium and Welfare Economics

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

REFERENCES:

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

SEMESTER - I
ECO 102: MACRO ECONOMICS
(Revised Syllabus with effect from 2015-2016)

Unit-I: Macro Economics

Need for Macro Economics – Macro Economic variables – Stocks and flows – Macro Economic Models – Micro foundations of Macro Economics – Equilibrium – Static, Dynamic and Comparative Statistics - National Income – National Income Concepts – Problems in Estimation of National Income – Concept of Circular Flow – Two sector – Three Sector and Four Sector Models.

Unit-II: Classical and Keynesian Macro Economics

Classical theory of Employment – Critique of Classical theory – Basic Keynesian Models
Consumption Function – Investment multiplier – Accelerator – Interaction between Multiplier and Accelerator.

Unit-III: Demand and Supply of Money

The Classical View – Quantity Theory of Money – Keynesian theory of Demand for Money – Post Keynesian Theories of Demand for Money: Tobin, Friedman and Baumol - Concepts of Money Supply – Components of Money Supply – RBI approach to Money supply – High Power Money and Money Multiplier – Changes in Supply of Money.

Unit–IV: Business Cycles and Theories of Inflation

Trade Cycles - Types of Trade Cycles – Different theories of Trade Cycles: Samuelson, – Hicks and Kaldor - Inflation - Types of Inflation – Demand-Pull and Cost-Push Inflation – The Philips Curve -The Inflation and Unemployment Trade-off– The Monetarists and Accelerationist’s Hypotheses -Rational Expectations.

Unit–V: Macro Economic Policies

Objectives of Macro Economic policies – Objectives and Tools of Monetary Policy – Evaluating Monetary Policy - Fiscal Policy - Objectives and Tools – Problems in the implementation of Fiscal Policies – Effectiveness of Monetary and Fiscal Policies.

REFERENCES :

Ackley, G., Macro Economic Theory, Macmillan Publishers, London.
Branson, W.B., Macro Economic Theory and Policy

Branson, W.I. and Litvack, J.M.P., 1981, Macroeconomics, Harper and Row.

Dillard, The theory of a monetary economy in Post - Keynesian Economics (Ed) by K. Kurihara.

Edward Shapiro, Macroeconomic Analysis, Vth Edition, New Delhi, Galgotia Publications.

Friedman, M. (ed), The quantity theory of money- A Restatement of studies in the quantity theory of money.

Gibson and Kaufman, Readings-in Monetary theory.

Gupta, S.B., 1983, Monetary Economics, Chand and Co.

Hicks, J.R., 'Mr. Keynes and the Classicals: A suggested Interpretation, Econometrics, April, 1937.

Hicks, J.R., Critical Essays in Monetary Theory.

Johnson, H.G., Essays in Monetary Economics.

Lindauer, John, Macroeconomics, John Wiley and Sons.

Laidler; D.E.W. Demand for Money.

Lila J. Truett and Dale B. Truett Macro Economics, Mirrors/ Mosby. College Publishing St.Louis.

Patinkin, Don., Money, Interest and Prices.

Rosalind Levacic and Alexander Rebthann, 1982, Macroeconomics: The English Language Book Society and Macmillan.

Roger L. Miller and Robert Pulsinelli, Macroeconomics.

SEMESTER – I

ECO 103: PUBLIC ECONOMICS

(Revised Syllabus with effect from 2015-2016)

Unit - I : Functions of the Government

Definition and Objectives of Public Economics - Role of the Government in the Mixed and Market Economy - Major Fiscal Functions of the Government - Positive and Normative Approaches to Public Finance - Maximum Social Advantage and Allocation of Resources.

Unit-II: Sources of Public Revenue

Taxes as the sources of Revenue - Principles of Taxation -Tax Shifting and Incidence - Characteristics of a good tax system - Tax Structure in India - Tax and Non-Tax Revenue - Revenue from Direct and Indirect Taxes - Effects of Taxation - Concept and Measurement of Taxable Capacity - Review of Tax Proposals of Raja. J. Chellaiah - Recent Reforms in Taxation.

Unit-III: Public Budget and Expenditure

Concept of Budget- Canons of Public Budgeting - Types of Budgets-Zero-Based Budget -Deficit, Surplus and Balanced Budgets -Deficit Financing - Objectives of Monetary and Fiscal Policies - Analysis of 2013-14 and 2014-15 Budgets.

Increasing State Activities in modern times - Wagner's Law and Peacock and Wiseman Hypothesis- Recent Trends in the Growth of Public Expenditure - Effects and Regulation of Public Expenditure in India.

Unit -IV: Public Debt

Public Debt - Sources of Public Debt - Classification of Public Debt - Debt Burden Controversy- Classical and Keynesian views - Methods of Debt Redemption - Objectives and Principles of Public Debt Management -- Recent Trends in Public Debt in India - Public Debt and Economic Development in India.

Unit- V: Federal Finance in India

Essential Features of Federal System in India- Concept of Fiscal Federalism - Problems of Federal/Multi-Unit Finance - Vertical and Horizontal Fiscal Imbalances – Centre – State Relations - Financial Mechanism of Central transfers to States and Local Governments -Functions of Finance Commission- Recommendations of Thirteenth and Fourteenth Finance Commissions.

REFERENCES:

- Om Prakash (2012) Public Economic Theory and Practice. Vishal Publishing Co. Jalandhar.
- Ambar Ghosh and Chandana Ghosh (2014) Public Finance (2nd Edition) PHI Learning Private Limited, Delhi.
- Bernard P. Herber (1999) Modern Public Finance (5th Edition), AITBS Publishers and Distributors, Delhi.
- Sankaran, S (1999) Fiscal Economics (An Introduction to Public Finance) (4th Edition) Margham Publications, Chennai.
- Bhargava R.N. 1971, The Theory and practice of Union Finance in India, Chaitanya Publications, Allahabad.
- Dwivedi P.N. (ed) Reading in Indian Public Finance, Chanakya publication, New Delhi.
- Musgrave Richard A and Peacock Allen, T, 1976, Classics in theory of Public Finance, Macmillan, London.
- Sudipto Mundle (ed), 1997, Public Finance, Policy issues for India, Oxford University Press.
- Raghabendra Jha, 1998, Modern Public Economics, Routledge, London.
- Musgrave R.A. and Musgrave P.B., 1976, Public Finance in Theory and Practice, McGraw Hill, Tokyo.
- Musgrave R A, 1976, Classics in Theory of Public Finance, A Study of Public Finance, McGraw Hill, Tokyo.
- Chellaiah Raja J., 1971, Fiscal Policy in Underdeveloped Countries with Special Reference to India, George Allen and Unwin, London.
- Chellaiah Raja J. (Ed), 1981, Trends and Issues in India's Federal Finance, National Institute of Public Finance and Policy, New Delhi.
- Lakadawala D.T., 1969, Union State Financial Relations, Lalwani Publishers House, Mumbai.
- Reports of the Indirect Taxation Enquiry Committee.
- R.B.I. Monthly Bulletins.
- CMIE Monthly Publications.
- Economic Surveys, Government of India, New Delhi.

SEMESTER – I

ECO 104: MATHEMATICAL METHODS IN ECONOMICS

(Revised Syllabus with effect from 2015-2016)

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:

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

SEMESTER – I

ECO 105: FUNDAMENTALS IN COMPUTER APPLICATIONS

(Revised Syllabus with effect from 2015-2016)

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: MS DOS, Internal and External Commands – Windows Operating System.

Unit 2: FoxPro

Introduction to Database and FoxPro–Creating DatabaseFiles-Viewing, Editing, Sorting and Indexing Database Files – Printing Labels and Reports – Simple Programming.

Unit 3: 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 4: MS Excel

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

Unit 5: Power Point

Creating a New Presentation–Opening–Saving–Closing a Presentation–Definition and Uses of Internet–Creation of ElectronicMail Address–Sending and Getting of e-mails.

PRACTICALS :

Time: 3 hrs

Max Marks:20

Each candidate has to perform two practicals carrying 15 marks

Practical record is to be maintained

Practical examination is based on practical record, demonstration and Viva-Voce.

REFERENCES:

- Sinha, P.K., 1992, Computer Fundamentals, BPB Publications, New Delhi.
Raja Raman, V., 1999, Fundamentals of Computers, Prentice hall of India, New Delhi.
Tom Sheldon, Windows 95 Made Easy, Tata McGraw Hill Publishing Co., New Delhi.
Kerns, 1996, Essentials of Microsoft Windows, Word and Excel, Prentice Hall of India, New Delhi.
Taxali, R.K., Fox Pro 2.5 Made simple for DOS and Windows, BPB Publications, New Delhi.
Peter Norton, Introduction to Computers, Tata McGraw- Hill Publishing Co., New Delhi.
Ravichandran, D., 2001, Introduction to Computers and Communication, Tata McGraw Hill Publishing Company Limited, New Delhi.
Sanjay Sexena, 2000, A First Course in Computers, Vikas Publishing House, New Delhi.

SEMESTER – II
ECO 201: ECONOMICS OF GROWTH AND DEVELOPMENT
(Revised Syllabus with effect from 2015-16)

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–Sociological and Technological Dualism–Dualistic Theories - Boeke theory of sociological Dualism – Higgins Theory of Technological Dualism - Fei and Ranis’s Dualistic Model.

REFERENCES:

Adelman, I, 1961, Theories of Economic Growth and Development, Stanford University Press, Stanford.

Kindleberger, C.P, 1977, Economic Development, McGraw Hill, New York.

Higgins, B, 1959, Economic Development, W.W.Norton, London.

Todaro, M.P, 1996, Economic Development, Longman, London.

Thirwal, A.P, 1999, Growth and Development, Mac Millan, U.K.

Hirschman, A.O, 1958,The strategy of Economic Development, Yale University Press, New York.

Lewis, W.A., 1955, The theory of economic growth, George Allen and Unwin, London.

Mukerjee, Suman, K., 1994, Text Book of Economic Development, Orient Longman.

Misra and Puri, 2001, Economic Development, Himalaya Publishing House.

Ghatak, S. 1986, An Introduction to Development Economics, Allen and Unwin, London.

Behrman.S and T.N. Sreenivasan, 1995, Hand book of Development Economics, vol.3 Elsevier Amsterdam.

SEMESTER – II
ECO 202: INTERNATIONAL TRADE: THEORY AND POLICY
(Revised Syllabus with effect from 2015-16)

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:

Bhargawathi, J.N., International Trade :selected readings.
Bhargawathi, J.N. and Panagaria., Lectures on International Trade.
Flemming, M.J., Domestic financial Policies Under Fixed and Floating Exchange Rates.

Haberler, G., Theory of International Trade.
Johnson, H.G., New Trade Strategy for the World Economy.
Kindelberger, C.P., International Economics.
Lipsey, R.G., Theory of Customs Union.
Meade, J.E., Balance of Payments.
Michaely, Theory of Commercial Policy.
Sodersten B.O. and Reed, G. International Economics.
Salvatore, D., International Economics.
W.T.O., Regionalism and the World Trade Systems.

SEMESTER – II

ECO 203: INDIAN ECONOMY

(Revised Syllabus with effect from 2015-2016)

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.

REFERENCES:

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.
Bardhan, P.K. (9th Edition), 1999, The Political Economy of Development in India. Oxford University Press, New Delhi.

- Bawa, R.S. and P.S. Raikhy (Ed.), 1997, Structural Changes in Indian Economy, Guru NanakDev University Press, Amritsar.
- Brahmananda, P.R. and V.R. Panchmukhi (Eds.), 2001, Development Experience in the Indian Economy: Inter-State Perspectives. Bookwell, Delhi.
- Chakravarthy, S., 1987, Development Planning: The Indian Experience. Oxford University Press, New Delhi.
- Dantwala, M.L., 1996, Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
- Datt, R, (Ed.), 2001, Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
- Government of India, Economic Survey, (Annual), Ministry of Finance, New Delhi.
- Jain, A.K., 1986, Economic Planning in India, Ashish Publishing House, New Delhi.
- Jalan, B., 1992, The Indian Economy Problems and Prospects, Viking, New Delhi.
- Jalan, B., 1996, India's Economic Policy Preparing for the Twenty First Century, Viking, New Delhi.
- Joshi, V. and I.M.D. Little, 1999, : Macro Economics and Political Economy, 1964- 1991, Oxford University Press, New Delhi.
- Parikh, K.S., 1999, India Development Report 1999-2000, Oxford University Press, New Delhi.
- Reserve Bank of India, Report on Currency and Finance, (Annual).
- Sandesara, J.C., 1992, Industrial Policy and Planning, 1947-1991: Tendencies, Interpretations and Issues. Sage Publications, New Delhi.
- Sen, R.K. and B.Chatterjee, 2001, Indian Economy: Agenda for 21st Century (Essays in Honour of Prof. P.R.Brahmananda), Deep & Deep Publications, New Delhi.

SEMESTER – II

ECO 204: STATISTICAL METHODS IN ECONOMICS

(Revised Syllabus with effect from 2015-16)

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 – Laspeyres'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.

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.

REFERENCES:

- Baru, R.V., 1998, Private Health Care in India – Social Characteristics and Trends, Sage Publications, New Delhi.
- Becker, G.S., 1974, Human Capital (2nd Edition), National Bureau of Economic Research, New York.
- Behrman J.R., 1990, Human Resource Led Development? Review of Issues and Evidence, ILO-ARTEP, New Delhi.
- Berman, P. and Khan, M.E., 1993, Paying for India's Health Care, Sage publications, New Delhi.
- Blaug, M. and Layard, P.R.G, Causes of Graduate Unemployment in India.
- Carrin, Guy, 1984, Economic Evaluation of Health Care in Developing Countries: Theory and Applications, London.
- Chandra Sekhar, S., Sanjeeva Reddy, P.C. and Ram Gopal, 1989, Towards 2000 A.D. – Indian Health Economy and Policy, Chugh Publications, New Delhi.
- Cooper, M.H. and A.J. CCulyer (Eds.), 1973, Health Economics Middle Six, Penguin Books.
- Govt. of India, 1983, National Health Policy, New Delhi.
- Harbison, Fredrick and Myers, Charles, A.,2002, Education, Manpower and Economic Growth: Strategies of Human Resource Development, McGraw Hill.
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- Krishna Kumar, T. and Rao, K.K., 1987, Financing of Health Services in India. Perspectives and Issues, University of Hyderabad, Hyderabad.
- NallaGounden, A.M., 1978, Education, Employment and Earnings, University of Madra, Madras.
- Padmanabhan, C.B., 1984, Financial Management in Education, Select Books, New Delhi.
- Premi, M.K., 1972, Educational planning in India, Sterling Publishers, New Delhi.
- Schultz, T.W., 1971, Investment in Human Capital, Free press, New York.
- Tilak, J.B.G., 1994, Education for Development in Asia, Sage Publications, New Delhi.
- UNIDO-Human Development Reports from 1990 to 2005.
- Woodhall, M., 1992, Cost Benefit Analysis in Educational Planning, UNESCO, Paris.
- World Bank, The World Development report, 1993 – Investing in Health, Oxford University Press, New York.

SEMESTER – II

ECO 206: HUMAN VALUES AND PROFESSIONAL ETHICS - I

(Revised Syllabus with effect from 2015-2016)

Unit-I:

Definition and Nature of Ethics- Its relation to Religion, Politics, Business, Legal, Medical and Environment. Need and Importance of Professional Ethics - Goals - Ethical Values in various Professions.

Unit-II:

Nature of Values- Good and Bad, Ends and Means, Actual and potential Values, Objective and Subjective Values, Analysis of basic moral concepts- right, 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 Astangamarga, (c) Jainism- mahavratas 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:

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The Ethics of Management" by Larue Tone Hosmer. Richard D. Irwin Inc.

"Management Ethics' integrity at work' by Joseph A. Petrick and John F. Quinn. Response Books: New Delhi.

"Ethics in Management" by S.A. Sherlekar, Himalaya Publishing House.

Harold H. Titus: Ethics for Today

Maitra, S.K: Hindu Ethics

William Lilly: Introduction to Ethics

Sinha: A Manual of Ethics

Manu: Manava Dharma Sastra or the Institute of Manu: Comprising the Indian System of Duties: Religious and Civil (ed.) G.C. Halighton.

Susruta Samhita: Tr. Kaviraj Kunjanlal, Kunjalal Brishagratha. Chowkarnba Sanskrit series. Vol III and III, Varnasi, Vol I 00, 16'20, 21-32 and 74-77 only.

Caraka Samhita : Tr. Dr. Ram Karan Sarma and Vaidya Bhagavan Dash, Chowkambha Sanskrit Series office. Varanasi I, 11.111 Vol I PP 183-191.

Ethics, Theory and Contemporary Issues. Barbara Mackinnon Wadsworth/Thomson Learning, 2001.

Analyzing Moral Issues, Judith A. Boss. May Field Publishing Company - 1999.

An Introduction to Applied Ethics (Ed.) John H. Piet and Ayodhya Prasad. Cosmo Publications

Text Book for Intermediate First Year Ethics and Human Values. Board of Intermediate Education- Telugu ~ Akademi, Hyderabad.

I.C Sharma Ethical Philosophy of India. Nagin & co Julundhar

SEMESTER – III

ECO 301- ENTREPRENEURSHIP AND SKILL DEVELOPMENT

(Revised Syllabus with effect from 2015-2016)

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 (NISJET).

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:

Kent G. A, 1982, Encyclopedia of Entrepreneurship, Prentice Hall, USA

Markcassion, 2000, Enterprise and Leadership, Edward Elgar., UK

Michael and et al, 1998, Educating Entrepreneurs for Wealth creation, Aghgate Publisher, Hampshire, U.K.

Patel V.G., 1987, Entrepreneurial Development Programmes in India and its relevance to Developing Countries, World Bank.

Samuddin, 1990, Entrepreneurial Development in India, Mittal Publications, New Delhi.

Steneson et al, 1986, Importance of Entrepreneurship and Eco-nomic Development.

Rajiv K Misra, Personality Development, Rupa & Co.

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M.GangadharRao. et al, 1993, Industrial Economy Part-I, Kanishka Publishing House, New Delhi.

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Dilip S. Swamy, 1994, The Political Economy of Industrialization from Self Reliance to Globalisation, Sage Publication India, New Delhi.

SEMESTER – III

ECO 302: ECONOMICS OF ENVIRONMENT

(Revised Syllabus with effect from 2015-2016)

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:

- Baumol, W.J. and W.E. Oates (1987), “Theory of Environment Policy” – Cambridge University Press, Cambridge.
- Dales. J.H.(1968), Pollution, Property and Prices:- Toronto University Press, Toronto.
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- Rabindra N. Battacharya (2001), “Environmental Economics–An Indian Perspective”-Oxford University Press, New Delhi. \
- Ulganathansankar (2001), “Environmental Economics (Ed)”-Oxford University Press, New Delhi.
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- World Bank (1999-2000), “World Development Report”.

ECO 303: WOMEN AND ECONOMIC DEVELOPMENT
(Revised Syllabus with effect from 2015-2016)

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 – Gender Inequalities – 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 – Pattern and trends in workforce - 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) - Indian Institute of Entrepreneurship - District Industrial Centres.

UNIT – V: Welfare Programmes and Women Development

Role of Non-Government Organizations in Women's welfare - Kasturba Gandhi BalikaVidyalayas (KGBV) – National Programme for Adolescent Girls (NPAG) – National Mission for Empowerment of Women – STEP – Micro Credit Groups – SWADHAR – DHANALAKSHMI – RashtriyaMahilaKhosh (RMK) – Indira Gandhi MatrutvaSahayogYojana – MGENREGA – Hostels for Working Women – KishoriBalikaPathakam – Indira KranthiPatham – JananiSurakshaYojana - BangaruTalliProgramme – Jana DhanYojana – SuknyaSamrudhiYojana.

REFERENCE:

- Boserup, E (1970), Women's Role in Economic Development, George Allen and Unwin, London.
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- Krishnaraj, M, Sudharshan, R.M. and Shariff, A (1999), Gender, Population and Development, Oxford University Press, New Delhi.
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- Wazir, R (2000), The Gender Gap in Basic Education: NGOs as Change Agents, Sage Publications, New Delhi.
- Ramachandrudu, G. (1991), Demographic Methods, AU Press, Visakhapatnam.
- Various issues of Economic Survey, Government of India.
- Annual Reports of Ministry of Women and Child Development, Government of India.
- Annual Reports of Ministry of Rural Development, Government of India.
- Survey on Employment and Unemployment 2012-13, Ministry of Labour, Government of India.
- NSSO Reports.

SEMESTER – III

ECO 304: COMPUTER APPLICATIONS IN ECONOMICS

(Revised Syllabus with effect from 2015-2016)

UNIT- I: Computing Environment

Types of Computers -Mini Computers -Mainframe Computers -Desktop Computers -Notebook Computers and Work Stations - Programming language 'C' and Data Structures -Introduction to C++ -Importance of C++ -Character set -DataTypes - Introduction to Data Structures, Stacks and Queues - Application of C++ Programme.

UNIT – II: MS Excel

Functions in Excel -Sorting and Filtering Data -Creating Sub-totals using Data Form -Creating Pivot Tables -Linking Workbooks - Data Analysis-Preparation of Frequency Distribution -Calculation of Mean, Median, Mode, Standard Deviation, Co-efficient of Variation -Correlation Co-efficient –Regression -Trend Line using method of Least Square and Moving Averages.

UNIT – III: Data Analysis using SPSS

Creation of data files – Assigning names and labels to variables, Sort cases - Import and Export of files -Computing Variables - Data Analysis – DescriptiveStatistics - Compare Means - Time Series Analysis -Correlation and Regression Analysis -Preparation of Graphs and Diagrams.

UNIT – IV: Internet

Definition and uses of internet -Intranet and Extranet(LAN, WAN) -World Wide Web -Different websites - e-mail and its utilities - attaching and downloading files and search engines - Anti-virus scanning software and Updates. – Introduction to html - Types of html - Filters and Transitions.

UNIT – V: IT Applications in e-commerce, e-governance and e-banking

E-commerce -Meaning and Definition -e-commerce vs.Traditional Commerce -
Scope of e-commerce -Models of e-commerce– On-line shopping– Webadvertisement -
ElectronicTrading and Marketing -e-banking –Electronic

transactions, Security -Digital Certificate -Authentication and validation of transaction
processing -Credit Cards andDebit Cards -ElectronicFundTransfers and On-line Banking
-e-Governance– Meaning,Scope of e-governance - Advantages and dis-advantages and
uses of e-governance.

PRACTICALS :

Time: 3 hrs

Max Marks:20

Each candidate has to perform two practicals carrying 15 marks

Practical record is to be maintained

Practical examination is based on practical record, demonstration and Viva-Voce.

REFERENCES:

Rajaraman, V, 1999, Fundamentals of Computers, PHI Pvt.Ltd, New Delhi.

Balaguruswamy, E, 2006, C Programming and Data Structures, Tata McGraw-Hill Publishing, New Delhi.

Kerns, Essentials of Microsoft Windows, Word and Excel, PHIPvt.Ltd, New Delhi.

BattacharyaDibyoyoti, 2010, Practical Statistics using MS Excel, Asian Books Pvt.Ltd.,New Delhi.

Asthana and BrajBhusan, Statistics for Social Sciences (with SPSS Applications),
PHIPvt.Ltd,New Delhi

Foster, J.J., 2001, Data Analysis using SPSS for Windows 8.0-10.0: A Beginner's
Guide, PHI Pvt.Ltd, New Delhi.

Ravi Kalakota and Andrew B.Whinson, Treatise of e-commerce, Pearson Education, New Delhi.

SEMESTER – III

**ECO 305:(A) LABOUR ECONOMICS AND PERSONNEL MANAGEMENT
(Revised Syllabus with effect from 2015-2016)**

Unit-I: Labour Markets

Nature and Characteristics of Labour Markets in India – Types of Labour Markets – Urban –Rural
– Formal and Informal Labour Markets – Lewis Surplus Model – Demand for Labour and Supply of
Labour in Short and Long Run.

Unit-II: Wage Theories and National Wage Policy

Wage Theories of Ricardo, J. S. Mill and Karl Marx – Marginal Productivity Theory of Wages - National
Wage Policy and Economic Development – Concepts of Minimum, Fair and Living Wages – Minimum
Wages Act 1948 – Role of Wage Boards in Wage Fixation.

Unit-III: Trade Unions in India

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

Unit-IV: Personnel Management

Concept – Objectives and Function of Personnel Management – Tools, Techniques and Methods to
Achieve Organizational Objectives – Process – System Approach to Personnel Management – Industrial
Relations and Human Relations.

Unit-V: Industrial Disputes

Causes and Consequences of Industrial Disputes – Machinery for Settlement of Industrial
Disputes – Collective Bargaining -Labour Legislation – Provisions of the Factories Act of 1948.

REFERENCES:

Bhagoliwal T.N.1999, Economics of Labour and Social Welfare, SahityaBhavan, Agra.
Bhagoliwal T.N.1999, Economics of Labour and Industrial Relations, SahityaBhavan, Agra.
Papola, T.S., P.P.Ghosh and A.N.Sharma, 1993, Labour, Employment and Industrial Relations in India, B.R. Publishing Corporation, New Delhi.

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Lester, R.A., 1989, Economics of Labour and Industrial Relations, Macmillan,New York.
Memoria, C.B., 1966, Labour Problems and Social Welfare in India, KitabMahal, Allahabad.
Pant, S.C., 1991, Indian Labour problems, Chaitanya Publishing House, Allahabad.
Punekar, S.D., 1978, Labour Welfare, Trade Unionism and Industrial Relations, Himalaya Publishing House, Bombay.
Saxena, R.C., Labour Problems and Social Welfare.
Tyagi, B.P., 1997, Labour Economics and Social Welfare, Jai PrakashNath and Co., Meerut.

SEMESTER – III

ECO 305:(B) AGRICULTURAL FINANCE AND MARKETING
(Revised Syllabus with effect from 2015-2016)

Unit-I: Nature of Agricultural Finance

Meaning and Scope of Agricultural Finance - Importance of Agricultural Finance - Demand for Credit - Conditions affecting the demand for credit -Classification of Agriculture Credit.

Unit- II: Sources of Agricultural Finance

Institutional and Non-Institutionalsources of Agricultural Finance - Cooperatives, Commercial Banks and Regional Rural Banks - Role ofNABARD - Reorganization of Rural Credit – Trends in Deployment of Agricultural Credit.

Unit-III: Pricing and Rationing of Rural Credit

Interest Rates in Rural Money Market - Institutional and Non-Institutional-Subsidized Interest Rates– Differential Rate of Interest Scheme - Effects on RuralSavings - Rationing of Credit - Internal Capital Rationing - External Capitalrationing - Equilibrium of capital rationing.

Unit-IV: Agricultural Marketing Concepts and Problems

Concepts of Market and Marketing - Marketing Process and Functions - Problems of Agricultural Marketing - Marketed Surplus and Economic Development - Factors affecting the Supply of Agricultural Products.

Unit-V: Agricultural Marketing and Price Policy

Nature and Causes of Price Variation - Agricultural Price Policy - Instruments and Valuation - Food Security and Public Distribution System - Cooperative Marketing - Regulated Markets - Marketing Acts.

REFERENCE :

A.S. Kahlon and M. V. Geoige: Agricultural Marketing and Price Policies.
Aaron, G. Nelson, W.F. Lee and W.G. Murray: Agricultural Finance- Iowa State University Press, Ames, Iowa.
Belshaw, Horay, Agricultural Credit in Economically underdeveloped countries, F.A.O. Rome.
G. Kathuriamand and K. Chandrasekhar, Elements of Agricultural Finance.
Gordon Donald, Credit for small Farmers in Developing countries.
Government ofIndia, Economic Survey, (Annual).
Jodhar, N. (Ed), 1996, Challenges to Indian Banking, Mcmillan, New Delhi.
Kavur, R., 1975, Agricultural Price Policy in Economic Development.
Reserve Bank ofIndia, 1989, Report of the Agricultural Credit Review Committee, Bombay.
Reserve Bank ofIndia, Report on Currency and Finance (Annual).

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SEMESTER – IV
ECO 401- RURAL DEVELOPMENT
(Revised Syllabus with effect from 2015-16)

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 SamridhiYojana (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:

- Bhaduri, A and ArisurRahman, M.A., 1982, Studies in Rural participation, Oxford and IBH Publishing Company, New Delhi.
- Hunter Guy, Bunting, A.H. and Bottrall, Anthony, 1978, Policy and practice in Rural development, The English Language Book Society, London.
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- Desai, Vasant, 1988, Rural Development: Experiments in Rural Development, Himalaya Publishing House, Bombay.
- Katar Singh, 1986, Rural Development Principles, Policies and Management, Sage Publications, New Delhi.
- Desai, Vasant, 1988, Rural Development: Rural Development Through the Plans, Himalayas Publishing House, Bombay.
8. Chambers Robert, 1985, Rural Development: Putting the last first, Longman, London.
 9. K.Venkata Reddy, Agriculture and Rural Development, Himalaya Publishing House, Bombay.
 10. Norman, T.Uphoff, 1982, Rural Development and Local Organization, Macmillan India Ltd., Delhi.
 11. Bhattacharya, S.N., 1980, Rural Industrialization in India, Publishing Corporation, Delhi.
 12. Hanumaiah, G., 1979, Studies in Rural Development, Chough Publications, Allahabad.
 13. Mishra, S.N. and Kushal Sharma, 1983, Problems and Prospects of Rural Development in India, Uppal Publishing House, New Delhi.
 14. Chambers, 1983, Rural Development, Longman, New Delhi.

SEMESTER – IV
ECO 402- INTERNATIONAL FINANCE
(Revised Syllabus with effect from 2015-16)

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

- FranciaCherunilam, (2004): International Economics, Tata McGraw – Hill Publishing Company LTD., New Delhi.
- Soderston, B.O., (1991), International Economics, The Macmillan Press Ltd., London.
- Kenen, P.B., (1994), The International Economy, Cambridge University Press, London.
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- Caves, R.E., and Jones, R.W., World trade and payments.
- Meade, J.E., The balance of Payments, Oxford University.
- Brahmanda, P.R., (1982), The I.M.F. Loan and India's Economic Future, Himalaya Publishing House, Bombay.
- Caves, R.E., Flexible Exchange Rate, American Economic Review, May, 1963.
- Fleming, M.J., Domestic Financial Policies under Fixed and under Floating Exchange Rates, IMF, Staff Papers, Nov, 1962.
- Bilson, J., The Monetary Approach to the Exchange Rates-Some Empirical Evidence, IMF, Staff Papers, March, 1978, PP.48-75.

SEMESTER – IV

ECO 403: INDUSTRIAL ECONOMICS

(Revised Syllabus with effect from 2015-16)

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:

- Ahulwalia I.J., Industrial Growth in India-Stagnation Since the Mid Sixties, Oxford University, New Delhi, 1985.
- Barthwal R.R., Industrial Economics, Wiley Eastern Ltd., New Delhi, 1985.
- Cherunilam, F., Industrial Economics: Indian Perspective (3rd Edition), Himalaya Publishing House, Mumbai, 1994.
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- Divine P.J. and R.M. Jones (et.al), An Introduction to Industrial Economics, George Allen and Unwine Ltd, London, 1976.3
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- Sivayya K.V. and Das V.B.S., Indian Industrial Economy, S.Chand& Company Ltd., Ram Nagar, New Delhi (Latest Edition).
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- Stephen Martin., Industrial Economics Analysis & Public Policy, Macmillan Publishing Company.

SEMESTER – IV

ECO 404- FINANCIAL INSTITUTIONS AND MARKETS

(Revised Syllabus with effect from 2015-16)

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.
3. V.A. Avadhani, Indian Capital Market, Himalaya Publishing House, Bombay.
4. H.R.Machiraju, International Financial Markets and India, Wheeler Publishing Company, New Delhi.
5. Vasant Desai, Indian Financial System, Himalaya Publications, Bombay.
6. Peter.S.Rose, Money and Capital Markets: Financial Institutions and Instruments, Tata McGraw Hill, London.
7. S.C. Kucchal, Corporation Finance, Chaitanya Publishing, Allahabad.
8. S.L.N.Sinha, Capital Market in India, Vora & Co, Bombay.
9. Hendrik.S. Houthakker, The Economics of Financial Markets, Oxford University Press, New Delhi.
10. O.P. Chalwla, Money and Securities Market, NIBH, Pune.
11. Hazel.J.Johnson, Financial Institutions and Markets, McGraw Hill, London.
12. Dougall, Herbert, Capital Markets and Institutions, Prentice Hall of India, New Delhi.
13. V.A. Avadhani, Investment Management, Himalaya Publishing House, Mumbai.
14. V.K. Bhalla, Investment Management, S.Chand and Company, New Delhi.
15. M.Y. Khan and P.K. Jain, Financial Management, Tata McGraw Hill, New Delhi.
16. R.B.I. Bulletins, Reserve Bank of India, Mumbai.

SEMESTER IV

ECO 405 (A) - ECONOMICS OF SOCIAL SECTOR
(with effect from the academic year 2015-16)

Unit-I: Health Sector

Health Economics - Determinants of Health - Poverty, malnutrition and environmental issues - Economic dimensions of health care - Demand and Supply of health care - Financing of Health care and constraints - The concept of human life value - Theory and empirical studies of production of health care - Inequalities in health - class and gender perspectives - Institutional issues in health care delivery.

Unit-II: Education Sector

Education- Education and Economic growth- Human Capital - Demand for education- Private demand and social demand- Determinants of demand - Cost of education . Private and Social costs - Financing of education - Resource mobilization - Gender Inequalities - Returns on Educational Investment.

Unit-III: Energy Sector

Energy - Primacy of Energy in the process of Economic Development - Factors determining demand for energy - Effects of Energy shortage - Energy conservation - Renewable and non-conventional sources of energy -Energy policy in Energy Policy in India.

Unit-IV: Problems of Power Distribution

The Peak load problem - Dual Principle Controversy - Economies of scale of joint supply, Marginal cost pricing Vs. other methods of pricing in public utilities - Cross Subsidization - Free prices, equity and efficiency.

Unit-V: Social Sector

Social sector and Economic Development - Information as a public good - social and physical infrastructure; Special characteristics of public utilities.

REFERENCES:

- Berman, P., Health sector reform in Developing countries, Making Health Development Sustainable, Harvard Series on Population and International Health, Boston.
- Bhig, M., 1972, Introduction to Economics of Education, Penguin, London
- Hlarnian, H.E., 1965, The Economics of Health, Columbia University Press, New York.
- Crew, M.A., and P.R. Kleindorfer, 1979, Public Utility Economics, Macmillian, London.
- Indian Council of Social Sciences Research (ICSSR), Economics of infrastructure, Vol. VI, New Delhi.
- KneafWyJ.T., 1975, Transportation-Economic Analysis, Lexington, Torouts.

SEMESTER - IV
ECO 405 (B) ECONOMICS OF INSURANCE
(with effect from the academic year 2015-16)

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:

Bhole, L.M., 1990, The Indian Financial System, Tata McGraw Hill, New Delhi.
Black, K.Jr and H.D. Skipper, 2000, Life and Health Insurance, Prentice Hall, N.J.

Bailey, R., 1999, Underwriting in life and insurance, LOMA, Atlanta.
Bickelhaupt, D.L., 1992, General Insurance, Irwin.Inc.Burr Bridge.
Finsinger, J and M.V. Pauly (Eds), 1986, McGraw Hill's life Insurance, The American College, BlynMawr Pa.

Hedad, G.L., and S. Horn II, 1991, Essentials of Risk Management, Vol1 , Insurance Institute of America.
Skipper, J.H.D. (Ed) 1988, International risk and insurance: An environmental managerial approach, Irwin McGraw Hill, Boston.
Taehimo, K.B. and D.A. Linc, 1993, Planning for Retirement needs, The American Collge, Bryn, Mawn pa.
Palande, P.S., Shah, R.S and Lunawal, M.L., 1983, Insurance in India, Changing policies and emerging opportunities, Response Books, A division of Sage Publications India.

SEMESTER – IV
ECO 406- HUMAN VALUES AND PROFESSIONAL ETHICS - II
(Revised Syllabus with effect from 2015-16)

Unit-I:

Value Education- Definition - relevance to present day - Concept of Human Values - self introspection – 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 needy and elderly - Time allotment for sharing ideas and concerns.

Unit-II:

Medical ethics- Views of 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 professionals and patients. Social justice in health care, human cloning, problems of abortion. Ethical issues in genetic engineering and Ethical issues raised by new biological technology or 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:

John S Mackenzie: A manual of ethics.

"The Ethics of Management" by Larue Tone Hosmer. Richard D. Irwin Inc.

"Management Ethics' integrity at work' by Joseph A. Petrick and John F. Quinn. Response Books: New Delhi.

"Ethics in Management" by S.A. Sherlekar, Himalaya Publishing House.

Harold H. Titus: Ethics for Today

Maitra, S.K: Hindu Ethics

William Lilly: Introduction to Ethics

Sinha: A Manual of Ethics

Manu: Manava Dharma Sastra or the Institute of Manu: Comprising the Indian System of Duties: Religious and Civil (ed.) G.C.Halighton.

SusrutaSamhita: Tr.KavirajKunjanlal, KunjalalBrishagratha. Chowkarnba Sanskrit series. VolII and III, Varanasi, Vol I 00,16'20,21-32 and 74-77 only.

CharakaSamhita :Tr.Dr. Ram Karan Sarma and VaidyaBhagavan Dash, Chowkambha Sanskrit Series office. Varanasi I, 11.111 VolIIP 183-191.

Ethics, Theory and Contemporary Issues. Barbara Mackinnon Wadsworth/Thomson Learning, 2001.

Analyzing Moral.Issues, Judith A. Boss. May Field Publishing Company - 1999.

An Introduction to Applied Ethics (Ed.) John H.Piet and Ayodhya Prasad. Cosmo Publications

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I.C Sharma Ethical Philosophy of India. Nagin& co Julundhar