

**Department of Economics  
Kakatiya University, Warangal**

M.A. (Economics) Syllabus w.e.f from the Academic Year 2016 - 2017

**M.A. (Economics) (Final)**

**SEMESTER - IV**

**PAPER: I - PUBLIC ECONOMICS - II**

- UNIT - I    Federal Finance and Development Finance - Principles of Federal Finance - Centre-State Financial Relations – Source of income and expenditure of the Central and State Governments- problems in resource mobilization by the state
- UNIT – II    Finance Commissions in India - Devolution of Resources and Grants - Functional Finance – Latest Finance Commission – Main recommendations - Deficit Financing objectives, justification – Causes of Deficit Financing
- UNIT - III    Pricing Policy in Public Enterprises - Disinvestment and Privatisation of Public Enterprises -Recent trends in the functioning of Private Sector in India – Policy Changes – Socio - Economic Implications
- UNIT - IV    Fiscal Policy - Objectives of Fiscal Policy - Interdependence between Monetary and Fiscal Policies - Alternative Measures for Resource Mobilization - their Impact on Growth & Distribution - Balanced Budget Multiplier
- UNIT - V    Indian Public Finance - salient features of Indian Tax system - Trends in Indian Tax Revenues - Revenues of the Union, State and Local Bodies - Non-Tax Revenues, Tax Buoyancy and Elasticity –VAT- Pattern of Expenditure & Debt in India - Tax and Expenditure Reforms - Major Recommendations of the committees.

**READING LIST:**

1. A.R. Prest                               : Public Finance in the Developing Countries
2. R.J. Chellaiah                         : Fiscal Policy in under Developed Countries
3. A.E.A                                     : Readings in the Economics of Taxation.
4. Hugh Dalton                           : Principles of Public Finance
5. Andley & Sundaram                 : Public Economics and Public Finance
6. B.P. Tyagi                               : Public Finance
7. Ganguli                                 : Public Finance
8. Govt. of India                         : Economic Survey Reports
9. A.S. Agarwal                          : Public Finance
10. R. Jha                                  : Public Finance
11. H.L. Bhatia                          : Public Finance

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## **PAPER: II - ISSUES IN ECONOMIC DEVELOPMENT & POLICIES**

- UNIT - I      Economic Problems and Policies - Concepts of Poverty and Income Inequalities the problem of Unemployment, Estimates of Unemployment - the theories of employment determination in developing countries.
- UNIT - II      Development Planning in India - Objectives and strategies of planning in India; Resource mobilization- allocation and Investment Pattern in Indian Plans. Economic Reforms and liberalization- plan models in India – Mahalanobis - Two Sector and Four Sector models-
- UNIT – III      Financing Economic Development - Inflation as a development promotion strategy, structuralism - Monetarist debate- Taxation- Role of Borrowing - public expenditure-Deficit financing in developing countries-
- UNIT - IV      Factors inhibiting industrialization- state policy and industrialization, Foreign investment and aid; components of foreign aid to developing countries – the burden of aid. Role of International Financial Institutions in development of Developing countries.
- UNIT - V      Pattern of development in developed and developing Economies – Basic features of the process of development in UK, USA, Japan and China- Pattern of Development in Market economy -model of south Korea -Populist model of Tanzania and planned economy model of Cuba.

### **READING LIST:**

1. M.P. Todaro           : Development Planning Models Methods, OUP, Oxford, 1971.
2. Benjamin Higgins   : Economic Development Oxford University Press, New York.
3. Adleman, I            : Theories of Economic Growth and Development, Stanford University Press, Stanford.
4. Chakravarthi,S       : Development Planning, The Indian Experience, Clarendon Press, Oxford.
5. Brahmananda, P.R   : Planning for an Expanding Economy, Vora & Co, Bombay. & Vakil, C.V.
6. A.K.Sen                : Choice of Techniques, Basil Blackwell, London.
7. Ghosh & Ghosh      : Planning Models & Techniques & Indian Planning.
8. Human Development Report.
9. G.Meir                 : Leading issues in Economic Development
10. Todaro                : Economic Development in the Third World
11. Misra & Puri : Economic Development, Himalaya Publishing House, 2001.

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## **PAPER: III – ECONOMICS OF SOCIAL SECTOR**

- UNIT - I                    Health Economics - Health Dimensions of Development - Determinants of Health - Poverty, Malnutrition and Environmental Issues - Economic Dimensions of Healthcare - Demand and Supply - Financing of Healthcare and Constraints.
- UNIT – II                    Inequalities in Health - Class and Gender Perspectives - Institutional Issues in Healthcare Delivery – Maternal Mortality , Child Mortality and Nutritional Issues - Longevity – Ageing of Population
- UNIT - III                    Education - Education and Economic Growth - Human Capital Vs. Physical Capital - Demand for Education - Private Demand and Social Demand - Determinants of Demand - Cost of Education - Private & Social Costs - Education Financing, Resource Mobilization - Gender Inequalities - Returns on Educational Investment.
- UNIT - IV                    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 Modeling - The Search for an Optimal Energy Policy in the Indian Context
- UNIT - V                    Social Sector and Economic Development - Information as a Public Good - Social and Physical Infrastructure - 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

### **READING LIST:**

- Berman, P                    : Health sector reform in Developing countries, Making Health Development Sustainable, Boston; Boston: Harvard Series on Population and International Health.
- Bhig, M                      : Introduction to Economics of Education, Penguin, London, 1972.
- Hlarman, H.E                : The Economics of Health, Columbia University Press, New York, 1965.
- Crew, M.A and P.R. Kleindoyers        : Public Utility Economics, Macmillan, London, 1979.
- Indian Council of Social Science Research (ICSSR) : Economics of Infrastructure, Vol. VI, New Delhi.
- Kneafsey, J.T                : Transportation Economic Analysis, Lexington, Torouts, 1975.
- Mishra & Puri                : Indian Economy, 2005.
- /BSL/

## **OPTIONAL GROUP (A):**

### **PAPER: IV (A) - LABOUR ECONOMICS**

- UNIT – I      Origin, Growth and characteristics of labour force– Occupational distribution of workforce - Labour in the organized and unorganized sectors - concept of labour market - characteristics and segmentation of labour markets.
- UNIT - II      Conceptual form work of unemployment, Employment Strategies under Five Year Plans, Evaluation of employment in public and private sectors in India - Globalization and its impact on labour Labour Market in India.
- UNIT - III      Concept of fair, living and minimum wage - Theories of wage determination - characterization of informal sector wages and - sharing of gains in labour productivity - implementation of minimum wage legislation in India - Gender wage differentials.
- UNIT - IV      Relationship between growth and employment, Casualisation of labour in India, Labour Issues - Poverty and Unemployment - Impact of employment generation programmes on eradication of Poverty and Unemployment.
- UNIT - V      Unionization of Labour - Growth and Structure of labour unions - Causes of industrial disputes & their settlement - collective bargaining – problems of trade unionism in India - Special problems of child and female labour -

## **READING LIST:**

1. T.S. Papola, P.P. Ghosh and A.N. Sharma (eds), Labour Employment and Industrial Relations in India, B.R. Publishing Corporation, New Delhi.
2. A.K.Sen, Employment, Technology and Development, Oxford University Press, New Delhi (1975).
3. L.K. Deshpande, P.R. Brahmananda and E.A.G Robinson (eds), Employment Policy in a Developing Economy, vol. I & II, Macmillan, London, (1983).
4. T.S. Papola and A.N. Sharma (eds) Gender and Employment in India, Vikas Publishing House, New Delhi (1999).
5. V.B. Singh, Industrial Labour in India, Population Prakashan, Bombay, (1970).
6. C.S. Venkat Ratnam : Globalization and Labour management Relations, Dynamics of Change profile. SAGE Publications, New Delhi. 2001
7. N.Dal : Unemployment, Full employment and India, Asia Publishing house, Bombay, 1960.
8. C.B. Mamoria: Labour Problems and Social Welfare in India, Kitab Mahal 1966.
9. Dynamics of Industrial relation in India.

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## **PAPER: IV (B) HUMAN RESOURCE MANAGEMENT**

- Unit-I            Meaning and Planning-Definition- Nature, importance and Objectives of HRM- Human Resource Functions Role and responsibility of Human Resource Managers- HRM Model-HRM environment in India- Emerging problems and prospects.
- Unit-II            Human Resource Planning & Development- Human Resource Planning Concept and process HR Demand and Supply Forecasting methods-Job analysis-Job description Job specification Job evaluation HR action areas-recruitment selection Induction placement transfer-promotion.
- Unit-III           Human Resource Development strategies career planning and development Performance appraisal- Motivational aspects of HRD- Orientation & Training: Orienting the employees, the training process, need analysis, Training - techniques, Developing Managers
- Unit-IV           Management of Industrial Relations- Industrial relations-Concept-Importance Impact of Industrial relations-Evolution of Industrial Relation System-Employee discipline- Suspension, Dismissal and Retrenchment-Employee Grievance Handling- Industrial Conflicts-Prevention and settlement of industrial disputes Collective bargaining-Concept and importance of Trade Unions in India.
- Unit-V            International and Strategic of HRM: International HRM Approaches and problems -Impact of Globalization on HRM functions- Comparative HRD- International experience-Strategic HR Planning -Role of HR Managers -Future strategies of HR.

### **SUGGESTED RADING:**

1. De Cenzo & Robbins: Personnel/Human Resource Management, 3rd (PHI)
2. McKenna & Beach: The Essence of Human Resource Management (PHI)
3. Berdwell/Holden: Human Resource Management A Contemporary Perspective (Macmillan)

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## **PAPER: IV (C) MANAGERIAL ECONOMICS**

- Unit-I            Importance, nature and scope of Managerial Economics- Methods of Economic analysis for Managerial decision making – Basic concepts used in Managerial Economics- Objectives of a Firm – Profit Maximization VS sales revenue maximization.
- Unit-II            Theory of consumer behavior-Pragmatic approach to Demand analysis– Demand & its determinants – Mathematical treatment of Demand function – Elasticity of Demand – different types of elasticity of Demand- Measurement of Elasticity – Demand Fore casting.
- Unit-III           Risk and Uncertainty: Role of exceptions – consumer’s choice involving Risk (Risk taker, Risk averse and Risk neutral), Neumann – Morgenstern index-savage hypothesis – gambling and insurance.
- Unit-IV            Production and Costs – Production Function – Cost concepts- Iso cost and Iso quant curves – Laws of production –Law of variable proportions and returns to scale-Measurement of Production function- Numerical problems on production function- Law of supply- Economies of scale – Linear Programming.
- Unit-V            Market analysis – Distinguishing features of different markets – perfect Competition, Monopoly, Monopolistic completion and oligopoly – Price rigidity and price leadership – Breakeven analysis- Pricing and non pricing strategies.

### **READING LIST:**

1. Koutsoyiannis: Modern Microeconomics.
2. V.L.Mote, Samuel Paul and G.S. Gupta, Managerial Economics.
3. B.H.Dholakia and A.N.Ojha: Micro Economics for Management studies.
4. P.L. Mehta: Managerial Economics.
5. Varshney and Maheshwari : Managerial Economics.
6. Henderson & Quandt: Micro Economics.
7. H.L. Ahuja Advanced Economic Theory.

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## **PAPER: IV (D) COMPUTER APPLICATIONS IN ECONOMICS**

- Unit – I      Computer Fundamentals - Components of – Computer –block diagram- P C operating systems and the user interface
- Unit – II      Introduction to MS Office -Word -Document editing – saving – printing text enhancements -Features – Copy / Paste search and replace – table drawing.
- Unit – III      MS. OFFICE - MS EXCEL: spread sheet – work around – computations formulas – functions – range sorting –Data Base features – Graphs.
- Unit – IV      Statistical Package for Social Sciences – PC main menu items – Data File maintenance frequency Counts -Cross tabulations – Averages –Correlation-Regression- growth rates -Tests of Significance.
- Unit – V      ELEMENTARY E-COMMERCE COMMUNICATION
- Electronic computer network – the anatomy of commerce -web Applications – e-commerce applications -e-commerce organization -Benefits of e commerce- web commerce – elements of successful electronic network place.

### **REFERENCE:**

1. Working with M S Office by Ram Mansfield, TMH
2. Working with M S Office SPSS user manual
3. Ravi Kalkota & Andrew B. Whiston : Frontiers of Electronic Commerce, Addison Wesley, Mardesty, 1996.
4. Daniel Miroli : Web Commerce Technology, Handbook
5. Emma miroli : McGraw hill, New Delhi, 1999

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**OPTIONAL GROUP (B):**

**PAPER: V (A) REGIONAL ECONOMICS**

- UNIT-I Concept of Regional Planning -Different types of regions - complementary region - Causes for Regional Imbalances- Measures to reduce regional Imbalances- Regional Development and regional planning- Sectoral and Functional approaches -Macro and Micro level planning of regional economics.
- UNIT-II Theories for Regional Balance - Economic and Social Hierarchical functions- central place theory - Growth Pole Theory, Location theory, and Export based Theory.
- UNIT-III Regional imbalance in India- Regional planning;-Rural, urban inequality- Growth poles and development process.
- UNIT – IV Inter-Regional differentials on India's Development- Agriculture, Industry, Physical Infrastructure and social sector.
- UNIT - V Regional Policy in India - Pre and Post-Independence Period - Causes for regional imbalance in A.P- Regional policies adopted in Andhra Pradesh Liberalization and Regional policies.

**REFERENCES:**

1. Chand, M. and U.K. Puri : Regional Planning in India, Allied Publishers, New Delhi.
2. Hoover, E.M, : An Introduction to Regional Economics, Alfred A Knopf, New York.
3. Richardson, H.W : Regional Economics, Weidenfield and Nicolson, London.
4. Bhalla, G.S and Y.K. Alagh : Performance of Indian Agriculture A District wise study, Sterling, New Delhi.
5. Dholakia, R.H : Regional Disparity in Economic Growth in India, Himalaya Publishing House, Bombay.
6. Hanumantha Rao, CH : Regional Disparities and Development in India, Ashish Publishing House, New Delhi.
7. Glasson, J : An Introduction to Regional Planning, Concepts, Theory and Practice, Hutchison, London.

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## **PAPER: V (B) APPLIED ECONOMETRIC METHODS**

- Unit-I**            Role of Lag in Economics- Reasons for Lags- Auto-Regressive and Distributed Lag Models- Koyck Model- Adaptive Expectations Model- Partial Adjustment Model.
- Unit-II**            Simultaneous Equations system- Consequences of Simultaneous Relations – Simultaneous Equations Bias - Solutions to the Simultaneous Equation Bias – Structural Model - Distinction between Structural and Stricture Equations - Reduced and Recursive Models.
- Unit-III**           Identification- Meaning and Nature of the Problem of Identification -Derivation of Rank and Order conditions for identifying a structural equation – Implications of the Identification –Common features of Identification and Multi- Collinearity.
- Unit-IV**           Methods of simultaneous (Simple Koyck Klien type) Equation systems-Indirect Least Squares Two stage Least Squares Relative Merits of the Estimation Techniques Pooling of Time-series and Cross section Data/Samples in Demand Analysis.
- Unit-V**            Engel Function Estimation of Engle Elasticities - Consumption Function- Estimation of MPC- Production Function Cobb-Douglas and CES Production Functions and the Studies conducted in India- Forecasting Models-Forecasting with a Single Equation Linear Regression Model- Forecasting with a Multi Equation Econometric Model.

### **Recommended Books:**

- Gujarati.D. (1999): Essentials of Econometrics, Second Edition, Mc Graw Hill, New Delhi  
Gujrati.D. (2003): Basic Econometrics, Fourth Edition, Mc Graw Hill, New Delhi.  
ICSSR (1977): Survey of Research in Economics. Vol.7.  
Johnston. J. (1991): Econometric Methods, Mc Graw Hill Book Co. London  
Kmentu.J. (1997): Elements of Econometrics, University of Michigan, New York.  
Koutsoyiannis.A (1977): Theory of Econometrics, Second Edition, Mac millan, London.  
Krishna. K.L. (Ed.1999): Econometric Applications in India, Oxford University Press, New Delhi.  
L.R. Klein: An Introduction to Econometrics.  
Maddala. G.S. (2002): Introduction to Econometrics, Macmillan, London.  
Mahender Reddy.J: Applied Econometrics (Mimeo).  
Wannacott & Wannacott: Econometrics.

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## **PAPER: V (C) DEMOGRAPHY**

- Unit – I      Meaning and scope of demography - components of population-growth and their interdependence-Theories of population– Malthus and Optimum theory of population - Theory of demographic transition – Population and Development.
- Unit – II      Population trends in the twentieth century - population Explosion – International aspects of population growth and spatial distribution-Determinants of age and sex -structure- Aging of population – social economic implications.
- Unit – III      Fertility – Trends in fertility rates in developed and less developed countries-Factors affecting fertility – Nuptiality – concept and analysis of marital status-single mean age at marriage – synthetic cohort methods
- Unit – IV      Mortality rates in more and less developed countries- Life table – construction and uses- concepts of stable population- Methods of population projection.
- Unit – V      Migration – Streams of migration - Factors affecting migration – Urbanization – trends in developed and developing countries – study of census in India- Trends in the rate of growth of Indian Population – Evolution of population policy – Population control to Family Welfare- Family Planning strategies in India- New Population policy in India.

### **READING LIST:**

1. S.N.Agarwal : India's population problem – Tata Mc Graw –Hill Co. Bombay.
2. Ahisha Bose: India's Basic Demographic statistics-B.R Publishing corporation, New-Delhi.
3. P.K. Chowbey: Population policy in India – Kanishka Publications, New Delhi.
4. S.C Gulati: Fertility in India an Econometric study of a metropolis-Sage, New Delhi.
5. K.Srinivsan: Basic Demographic techniques and applications.-Sage, New Delhi
6. D.J. Bogue: Principles of Demography-John Wiley, New York.
7. C.M. Chiang: Life tables and Mortality Analysis.-WHO, Geneva.
8. CEHI, Dharmakumar (ed) Vol.2
9. Praveen Visaria, Population studies.
10. Dharma Kumar, Land and caste in south India.

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## **PAPER: V (D) ECONOMICS OF INFRASTRUCTURE**

- Unit – I: Introduction: Role of Infrastructure in Economic Development - Infrastructure as a public good; Social and physical infrastructure - The peak-load, Off-Load Problem – Present status and progress of infrastructure of in Indian Economy – Issues and Policies in financing of infrastructure.
- Unit - II Public utilities: Objectives and characteristics of public utilities – case of nationalization – economics of scale of joint supply – marginal cost pricing vs other methods of pricing in public utilities, Cross-subsidization, free prices – equity and efficiency
- Unit – III Transport Economics - The structure of Transport Costs and Location of Economic Activities. Demand for Transport. Models of Freight and Passenger Demand. Model Choice; Cost Functions in the Transport Sector. Principle of Pricing. Special Problems of Individuals Modes of Transport; Inter-modal condition in the Indian Situation
- Unit – IV Communications - Rate-making in Telephone Utilities. Principles of Decreasing Costs in Telephone Industry - Characteristics of Postal Services. Criteria for Fixation of Postal Rates. Measurement of Standards of Service in Telephone and Postal Utilities
- Unit – V Electricity, Gas and Water Supply - Bulk Supply and Pricing of Electricity. The Relative Economics of Thermal, Hydel and Nuclear Power Plants. The Case for a National Power Grid. Financing Water Utilities. Urban and Rural Water Supply - The Exploitation of Natural Gas - Pricing Problem

### **References:**

1. Crew, MA & PR Kleindorfer (1979); Public Utility Economics, Macmillian, London
  2. Nelson, JR (1964); Marginal Cost-Pricing in Practice, Prentice-Hall, Englewood-Cliff
  3. Philips, A & OE. 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, Torouts
  5. Norton, HS (1971): Modern Transport Economics, CE Merrill, London
  6. Garfield, PJ & W. Lovjoy (1964), Public Utility Economics, Prentice-Hall, Englewood Cliffs
  7. Jha R. MN Murty & S. Paul (1990): On Fixing Prices for Postal Services in India, National Institute of Public Finance and Policy, New Delhi
  8. Eckstein, O (1958), Water Resource Development, Harvard University Press, Cambridge
  9. Turvey, R & D. Anderson (1977); Electricity Economics, John Hopkins University Press, Baltimore
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**Department of Economics**  
**Kakatiya University, Warangal (T.S)**

**M.A. (Economics) Syllabus w.e.f from the Academic Year 2016 – 2017**

**Titles of the Papers:**

**I - Semester)**

(All papers compulsory)

- : Paper-1      Micro Economics – I
- : Paper-2      Macro Economics – I
- : Paper-3      Quantitative Methods – I
- : Paper-4      International Economics – I
- : Paper-5      Indian Economy – I

**II - Semester)**

(All papers compulsory)

- : Paper-1      Micro Economics – II
- : Paper-2      Macro Economics – II
- : Paper-3      Quantitative Methods – II
- : Paper-4      International Economics – II
- : Paper-5      Indian Economy – II

**III-Semester)**

(Three Papers Compulsory)

- : Paper-1      Public Economics - I
- : Paper-2      Economics of Growth and Development
- : Paper-3      Economics of Environment

(One Elective from  
Paper 4 & 5 respectively)

: **Paper-4 Optional**

- A).      Economics of Agriculture
- B).      Financial Institutions & Markets
- C).      Economics of Rural Development
- D).      Political Economy

: **Paper-5 Optional**

- A).      Industrial Economics
- B).      Econometric Methods
- C).      Economics of Tribal Studies
- D).      Economics of Women's Studies

**IV-Semester)**

(Three Papers Compulsory)

- : Paper-1      Public Economics - II
- : Paper-2      Issues in Economic Development & Policies
- : Paper-3      Economics of Social Sector

(One Elective from  
Paper 4 & 5 respectively)

: **Paper-4 Optional**

- A).      Labour Economics
- B).      Human Resource Management
- C).      Managerial Economics
- D).      Computer Applications in Economics

: **Paper-5 Optional**

- A).      Regional Economics
- B).      Applied Econometric Methods
- C).      Demography
- D).      Economics of Infrastructure