

**EC-S-1.4: STATISTICS FOR ECONOMICS****Objectives:**

- 1) To provide basic inputs of applied statistics.
- 2) Application of Statistical tools in applied economics.

**Module 1: Data and its Distribution**

Importance of Statistical Analysis in Economics; Sources of Data; Primary and Secondary Data; Schedules and Questionnaires; Meaning of Sampling and Sampling Techniques-Simple Random, Stratified and Systematic Random Sampling Methods; Tabulation and Frequency Distribution.

**Module 2: Dispersion, Variance and Probability**

Measures of Central Tendency; Measures of Dispersion; Lorenz Curve; Coefficient of Variation; Probability and its Applications.

**Module 3: Testing of Hypotheses**

Correlation-Simple, Partial and Multiple Correlations; Measurement of Correlation; Rank Correlation; Regression Analysis; Regression Equations; Cause and Effect Relationship; Formulation of Statistical Hypotheses; Type I and Type II Errors; Some Statistical Tests of Significance, Z, T and F Tests and their Applications.

**Module 4: Time Series**

Analysis of Time Series; Components of Time Series-Trend, Seasonal, Cyclical and Irregular Variations; Estimation of Trend Values; Fitting of Straight Lines by Least Squares Method.

**Module 5: Index Numbers**

Index Numbers- Problems in the Construction of Index Numbers; Laspeyres', Pasche's and Fischer's Ideal Index Numbers; Wholesale Price Index Numbers and Cost of Living Index Numbers.

**Reading List:**

1. B.N.Gupta, (1992): Statistics Theory and Practice. Sahitya Bhavan, Agra.
2. Goon AM, M.K.Gupta and B.Dasgupta.: Fundamentals of Statistics, Vol.1, The World Press, Ltd, Calcutta.
3. Nagar,A.L.andR.K.Das: BasicStatisticsOxfordUniversity Press, New Delhi.
4. S.C.Gupta (1982): Fundamentals of Statistics Himalaya Publishing House, Bombay.
5. S.P.Gupta, Statistical Methods, S.Chand& Company, New Delhi



**EC-S-1.6: INDUSTRIAL ECONOMICS****Objectives:**

- 1) To understand a detailed treatment of issues in industrial economics.
- 2) To familiarize students with policy issues that is relevant to Indian industry.
- 3) To analyze the issues by using basic micro-economic concepts.

**MODULE- I: FRAMEWORK AND PROBLEMS OF INDUSTRIAL ECONOMICS**

Meaning, Nature, Scope; industrialization and economic development; Concepts and Organization of Firm; Market Structure; Entry Conditions; Economies of Scale; Market Structure and Profitability; Theories of Industrial Location; Weber and Sargent Florence; Factors Affecting Location. Optimum firm: determinants

**MODULE-II : MARKET CONDUCT AND PERFORMANCE**

Product Pricing; Marginal Costing; Administered Pricing; Theories and Evidence; Investment; Expenditure ; theories and empirical Evidence on Mergers and Acquisition; Diversification, Size and Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth, Productivity, Efficiency and Capacity Utilization; Concept and Measurement.

**MODULE-III: INDIAN INDUSTRIAL GROWTH AND PATTERN**

Classification of Industries; Industrial Policy in India; role of Public and Private Sector; Recent Trends; Multinational Corporations and Transfer of Technology. Liberalization and Privatization, Regional Industrial Growth in India; Industrial Concentration and Remedial Measures; Issues in Industrial Pollution and Environmental Preservation, Pollution Control Policies; Industrial Sickness.

**MODULE-IV: INDUSTRIAL FINANCE AND CURRENT PROBLEMS OF MAJOR INDUSTRIES**

Need and Types of Industrial Finance - IDBI, IFCI, ICICI, SFCs, SIDBI, and Commercial Banks. Iron and Steel, Cotton Textiles, Jute Textiles, Sugar, Coal Cement and Engineering Goods Industries; Development of Small Scale and Cottage Industries in India.

**MODULE-V : WAGE DETERMINATION AND SOCIAL SECURITY**

Nature and Characteristics of Labour Market; Neo-Classical and Bargaining Theories of Wage Determination; Concepts of Minimum Wage, Living Wage and Fair Wage in Theory and Practice; Productivity and Wage Policy; Wage Boards in India; Bonus System and Profit Sharing; State and Social Security of Labour; Concepts of Social Security and its Evaluation; Labour Welfare in India; Child Labour; Female Labour and Gender Bias in Payment of Wages; Exit Policy; National Commission on Labour; Globalization and Labour Market. Labour Unions in India.

**SUGGESTED READINGS:**

1. Ahluwalia, I.J. (1985): Industrial Growth in India, Oxford University Press, New Delhi.
2. Barthwal, R.R. (1985): Industrial Economics, Wiley Eastern Ltd., New Delhi.
3. Cherunilam, F. (1994): Industrial Economics: Indian Perspective (3<sup>rd</sup> Edition), Himalaya Publishing House, Mumbai.
4. Dasai, B. (1999): Industrial Economy in India (3<sup>rd</sup> Edition), Himalaya Publishing House, Mumbai.
5. Divine, P.J. and R.M. Jones et. al. (1976): An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
6. Government of India: Economic Survey (Annual).
7. Hay, D. and D.J.Morris (1979): Industrial Economics: Theory and Evidence, Oxford University Press, New Delhi.
8. Kuchhal, S.C. (1980): Industrial Economy of India (5<sup>th</sup> Edition), Chaitanya Publishing House, Allahabad.
9. Reserve Bank of India: Report on Currency and Finance (Annual).
10. Singh, A. and A.N. Sadhu (1998): Industrial Economics, Himalaya Publishing House, Bombay.



**EC-S-2.7: ECONOMICS OF TOURISM****Module –1: Introduction to Tourism Economics**

Tourism: definition- meaning- nature and scope of tourism-Fundamental concepts: Tourist, traveler, visitor, transit visitor and excursionist - Leisure, recreation and tourism and their Interrelationship- Tourism Development and National Economy: Contribution to GDP-Importance of Tourism Industry in India and Karnataka- Impact of industrialization, Globalisation and ICT on Tourism Industry- International Tourism.

**Module –2: Demand and Supply Aspects of Tourism**

Factors Influencing Tourism Demand- Trends in Tourism Demand. Tourism supply: Market Structure and Tourism supply- Supply trends in tourism-Economic impacts of Tourism: Income and Employment-Balance of payments -Foreign exchange, Socio-cultural impacts of tourism-cultural exchange among nations and international understandings-Impacts of tourism on ecology and environment.

**Module –3: Tourism Infrastructure and Institutions**

Types, Forms and Significance - Accommodation: Forms and types - Tourist transportation: Air-Surface- Rail and Water- Tourism in Karnataka: Growth and Development - Contribution of Tourism to state GDP-Role of KSTDC and Private sector.

**Module-4: Tourism Management**

Tourism Management – World Tourism Organization – The World Travel and Tourism Council - Core concepts in Marketing: products market-tourism forecasting-Product life cycle: New product development-customer satisfaction and related strategies – marketing - airlines-hotel-resort-home stay-travel agencies and other tourism related services- challenges and strategies.

**Module-5: Tourism Policy and Planning**

Role of government- Policy Reforms - public and private sectors-role of multinationals-state and local tourism organizations-tourism policy 1982 and 2002 - investment opportunities and government policy (hotel and tourism industry) – Tourism Financing.

**Reference Books**

1. Vanhove, N. The Economics of Tourism Destinations, Oxford: Elsevier Butter worth
2. Kotler, Philip : Marketing Management & Hospitality and Tourism Marketing
3. Sinha, P.C : Tourism marketing Vearne,: Hospitality marketing
4. Kotler, Philip and Armstrong Philip: Principle of Marketing,
5. Crough, Marketing Research for Managers.
6. Singh Raghubir, Marketing and Consumer Behaviour.
7. Patel, S.G., Modern Market Research, Himalaya Publishing.
8. Bhatia, A.K., - International Tourism
9. Seth, P.N., Successful Tourism Management
10. Bhatia, A.K Tourism development, principles and practices
11. Pran Nath Seth , Tourism Practices
12. Yashodhra Jain, Tourism development



## EC-S-4.5: CO-OPERATION AND THIRD SECTOR

### Module-1: Introduction

Concept of Cooperation - Definition - Scope - Importance of Cooperation - Economic Benefits, Social Benefits - and Moral Benefits of Cooperation - Evolution of Cooperation - Principles of Cooperation - A Critical Evaluation of Cooperative Principles - Cooperative Values - Evolution of Cooperatives in India.

### Module-2: Theories of Cooperation

Cooperative Doctrines - Traditional and Modern Form of Cooperation (Robert Owen, Dr. William King and Charles Fourier) - Socialistic Ideas and Cooperation - Theory of Consumer Socialism - A Theory of Workers Control of Cooperatives - Co-operatives as the Third Sector.

### Module-3: Cooperative Movement in India

Origin and Growth of Cooperative Movement in India - Major Developments in the Post-Independence Period - Globalization and Cooperatives - Policies and Initiatives for cooperative Sector - Community Development and Cooperatives - Panchayat Raj Institutions - Participatory Approaches - Performance of Cooperatives in India- Progress and Evaluation.

### Module-4: Structure of Cooperatives

Theoretical and Structural Aspects of Cooperative Organizations - Small Size Vs Large Size, Limited Vs Unlimited Liability, Federal Vs Unitary Structure - Formal and Informal Cooperation - Credit Cooperatives in India- Non-Credit Cooperatives in India - Cooperative Society as a Business Organization - Place of Cooperatives in a Globalised Economy - National Level Cooperative Institutions in India.

### Module-5: Management of Cooperatives

Principles of Cooperative Management - Functions of Cooperative Management - Management of Credit Cooperatives - Board of Directors - Chairman /Executives - Problems of Credit Cooperatives - Management of Non-Credit Cooperatives: Consumer Cooperatives - Marketing Cooperatives - Dairy Cooperatives - Housing Cooperatives - Human Resource Management in Cooperatives - Management Information System - Issues and Challenges of Cooperative Management.

### References: [Please refer to the Latest Editions]

1. Belwale V.R., *Cooperative Accounts*, Pragati Prakashan, Pune.
2. *Co-operative*, Bimonthly Journal and Cooperation, New Delhi.
3. Hajela T.N., *Co-operative, Principles, Problems and Practice*, Konark Publications, Delhi.
4. Krishnaswamy O.R, *Cooperative Audit*, Oxford and IBH, New Delhi.
5. Mahehwari. S.M., *Principles of Accounting*, S Chand and Co, New Delhi.
6. Murthy G.V., *The Karnataka Cooperative Societies Act 1959* Lawyers Law Book, Bangalore. (with Rules, Amendments and Circulars)
7. Raman B.S., *Advance Accountancy*, United Publications, Mangalore.
8. SamiuddinMahjoozenRahad K - Ivum Rahman, *Cooperative Accounting and Auditing*, Himalaya Publishing House, Bombay.
9. Wandkar D.V., *Cooperative Audit*, PragathiPrakashana , Pune



**EC-S-4.4: BASIC ECONOMETRICS****Objective:**

*As economists rely more on econometrics techniques this course intends to develop the basic awareness of the fundamental techniques of econometrics with the intention of providing a thorough and sound foundation for future courses in econometrics.*

**Module 1: Meaning and Scope**

Nature, Meaning and Scope of Econometrics; Methodology of Econometric Research

**Module 2: Simple linear Regression**

The Simple linear Regression Model, The two variable Model- Assumptions, Estimation (method of OLS), Properties of Estimation: Gauss-Makov Thorem, Goodness of Fit  $R^2$  and Adjusted  $R^2$ , Hypothesis Testing.

**Module 3: Multiple Regression**

Multiple Regression Analysis, The three variable Linear Regression Model- Assumptions, Estimation (method of OLS), Properties of Estimation  $R^2$  and Adjusted  $R^2$ , Hypothesis testing, ANOVA and its Applications to Regression Analysis

**Module 4: Some Problems**

Regression Analysis in Practice, Problems of Multicollinearity, Heteroscedasticity & Autocorrelation; Model specification and Diagnostic Testing.

**Module 5: Few Advanced Topics**

Selected topics in Single Equation Regression: Functional forms of Regression Models- Log linear models, Reciprocal models & Polynominal models; Dummy variable Technique, DLM, Logit Model; Introduction to Simultaneous Equation Model

**Reading List**

1. Damodar Gujarati(2004) Basic Econometrics, Tata McGraw Hill Bombay
2. Koutsoyiannis (2000): Theory of Econometrics, Mac millan Publication London
3. Madani, G.M.K. (2000): Introduction to Econometrics: Principles and applications, Oxford University Publications.
4. JiliaHebden(2000): Statistics for Economics, Heritage Publication, Oxford University.
5. Theil, H. (1978): Introduction to Econometrics Prentice-Hall: Englewood Cliffs,NJ)
6. Badi H. Baltagi (1999): Econometrics, Springer-Verlag Berlin Heidelberg New York



**EC-S- 3.4: DEMOGRAPHY****Objectives:**

1. To enable the students to understand various demographic theories
2. To know the composition and dynamics of population across the world.

**Module 1: Meaning and Importance**

Nature and Scope of Demography-Basic Concepts in Demography; Population Theories- Pre-Malthusian, Malthusian and Post- Malthusian Theories; Theory of optimum Population; Theory of Demographic Transition.

**Module 2: Vital Rates**

Fertility, Nuptiality and Mortality -Factors Accounting for Changes in fertility and Mortality in the developed (DCs) Countries and Less Developed (LDCs) Countries; Infant Mortality- Characteristics of Infant Mortality Factors Affecting, Foetal and Infant Mortality.

**Module 3: Related Issues**

Migration and Urbanization – Basic Concepts, Importance of Migration in the Study of Population; Types of Migration – Levels, Trends and Differentials in the DCs and LDCs

**Module 4: Urbanization**

Effect of In-migration and Out-migration on the Growth of Population- Factors Affecting Migration- Theories Concerning Internal Migration-Urbanization, Todaro Model: Distribution and Growth of Urban and Rural Population in DCs and LDs; Levels and Trends of Urbanization in DCs and LDCs and Particularly in India.

**Module 5: Population Policy**

Population Policies and their Impact on Fertility in DCs and LDCs; Nature, Scope and Need for Population Education; Demographic Trends in India; Population of India from 1971 to 2001 Censuses; and Family Welfare Programmes in India; The New Population Policy of India.

**Reading List**

- 1.Kammeyar Kenneth (ed) (1975): Population Studies, Rand McNally, Chicago
- 2.UNO (1975): The Determinants and Consequences of Population Trends, UNO Publications New York.
- 3.Government of India: Population Census Reports since 1951.
- 4.Ashish Bose: Pattern of Population Change in India, Vikas Publishing House, New Delhi.
- 5.Ashish Bose, P.B. Desai, A Mitra and T.N. Sharma : Population in India's Development, Vikas Publishing House, New Delhi.
- 6.Aggarwal, S.N.: India's Population Problems, Tata McGraw Hill, Bombay.
- 7.Choubey, P. K. (2000): Population Policy in India, Kanishka Publication New Delhi.



**EC-S-2.4: MATHEMATICS FOR ECONOMICS****OBJECTIVES:**

1. To train students in basic mathematical skills
2. To enable them to apply the mathematical techniques to economic problems

**MODULE - I: INTRODUCTION**

The Importance of Mathematical and Statistical Methods in Economic Analysis and its Limitations; Review of some Concepts; Algebraic Expressions, Equations, Exponents, Ratio, Proportion, Compound Interest Formula; Graphs of Lines and Non-Linear Equations; System of Simultaneous Equations; Market Equilibrium of Single and Multi-Commodity System; Effects of Specific Tax on Equilibrium Price and Quantity; Equilibrium Analysis of National Income and IS-LM Model.

**MODULE - II: FUNCTIONS AND DIFFERENTIAL CALCULUS**

Concept of Function- Types- Linear and Non-Linear- Exponential, Power, Logarithm- Applications to Economic Analysis- Market Equilibrium; Homogeneous and Homothetic functions; Cobb-Douglas and C.E.S Production Function; Limits, Continuity and Derivatives; Rules of Differentiation; Marginal Cost; Revenue; Utility; Elasticities and Types; Partial Differentiation and Applications; Problems of Maxima and Minima; Theory of Probability.

**MODULE - III: MATRIX ALGEBRA**

Matrix-Types of Matrices; Additions, Subtractions, Multiplications; Types of Determinants; Solutions to Simultaneous Equations through Cramer's Rule; Inverse of Matrix; Rank of Matrix; Introduction to Input-Output Analysis.

**MODULE- IV: OPTIMIZATION AND INTEGRAL CALCULUS**

Unconstructed and Constructed Optimization; Applications to Simple Economic Problems: Profit Maximization, Utility Maximization, Least-Cost input combination, and etc. Some simple rules of Integration and Applications to economic analysis- Consumer Surplus, Producer Surplus.

**MODULE - V: LINEAR PROGRAMMING**

Linear Programming- Basic Concepts; Formulation of a Linear Programming Problem; Its Structure; Variables; Feasible; Basic and Optional Solutions; Graphical and Simple Method of Solving a Linear Programming Problem; Formulation of the Dual Linear Programming and its Interpretation.

**READING LIST**

1. Barry Bressler: A unified Introduction to Mathematical Economics McGraw Hill New Delhi.
2. Chaing.A.C. (1986): Fundamental Methods of Mathematical Economics. McGraw Hill, New York.
3. Edward T. Dowling (1992): Introduction to Mathematical Economics: Schaum's Outline Series Tata Mc Graw Hill, New Delhi.
4. J.Black and J.F.Bradley: Essential Mathematics for Economists. John Wiley and Sons. London.
5. Monga G.S. (1972): Mathematics and statistics for Economists. Vikas Publishing House, New Delhi.
6. Veerachamy R. (2002): Quantitative Methods for Economists. New Age International Publishers, Bangalore.



**EC-S-3.6: ECONOMICS OF INFRASTRUCTURE****Module-1: Introduction**

Infrastructure and Economic Development - Infrastructure as a Public Good - Role of Public Sector in infrastructure development - Social and Economic infrastructure - Special Characteristics of Infrastructural Facilities - Green Infrastructure - Economies of Scale of Joint Supply - Methods of Pricing infrastructure facilities - Cross-Subsidization - Equity and Efficiency.

**MODULE-II : Irrigation And Energy**

Meaning and Types - Role of Government in Irrigation Development - Irrigation Policy - Trends and Issues - Estimation of Costs and Benefits - Role of Institutions - Water Governance and Management - Energy Supply Analysis: Availability and Supply of Different Sources of Energy- Role of Renewable Energy - Energy Demand Analysis: Determinants of Energy Demand - Estimating Energy Demand - Methods of Estimation - Energy Pricing - Energy Security and Energy Policy.

**Module-III: Transport and Communication**

The Structure of Transport Costs and Location of Economic Activities - Demand for Transport – Modes of Freight and Passenger Demand - Modal Choice - Principles of Pricing - Special Problems of individual Modes of Transport - Inter-Modal Condition in the Indian Situation - Urban and Metropolitan Transportation Planning - Structure of Telecommunication Sector - Price Determination - Principles of Decreasing Costs in Telephone Industry - Telecom Policy and Reforms- Private Sector Participation in Telecommunication Sector - Regulatory Framework and Institutions -TRAI.

**Module-IV Education and Health**

Educational investment - Characteristics of Educational Investment - Educational Priorities - Rate of Return on Investment in Education: The Measurement of Costs - Alternative Cost Concepts - The Pattern of Unit Costs of Education - The Measurement of Benefits; Education and Productivity - External Effects of Investments in Education - Social Rate of Return to investment in Education - Supply Function of Health Care Services - The Physicians - The Hospitals and Nursing Homes - The Physician Induced Supply for Health Care - Cost Function of Health Care - Determinants of Health Demand - Conceptual Framework - Health Needs - Derivation of Individual and Market Demand for Health Care - Impact of Health Insurance on Health Care Demand - The Role of Quality in Health Care Services - Health Care Financing.

**Module - V Infrastructure Reforms**

Need for commercialization - Restructuring of the sector - Corporatization - Institutional and Legal Restructuring - Introduction of Competition - Private Participation- Role of FDI - Regulation - Pricing Reforms - New Ways of Financing Infrastructure Development - Community Involvement - User Participation

**References:** [Please refer to the Latest Editions]

1. Indian Council of Social Science Research (ICSSR), *Economics of Infrastructure*, Vol - IV, New Delhi.
2. Kneafsey J.T., *Transportation Economic Analysis*, Lexington, Trouts.
3. National Council of Applied Economic Research (NCAER), *India Infrastructure Report: Policy Implications for Growth and Welfare*, New Delhi.
4. Norton H.S., *Modern Transport Economics*, C.E. Merrill, London.
5. Parikh, K.S. (Ed), *India Development Reports*, Oxford University Press, New Delhi.



**EC-S-3.7: REGIONAL ECONOMICS (Specialization /Optional)****Objectives:**

- 1) To enable the students to gain the in-depth knowledge of regional economics.
- 2) To acquaint the students with the comprehensive understanding of the Regional imbalances in India and Karnataka.
- 3) To enable the students to understand the techniques of Regional Economics.

**Module 1: Concepts**

Why Regional Economics? What is a Region? Different Types of Regions; Regional Income; Problems of Estimation; Indicators of Regional Development.

**Module 2: Regional Growth**

Neo-Classical Growth Models; Cumulative Causation Model; Center-Periphery Model; Growth Pole Analysis; Convergence and Divergence of Disparities in Per Capita Regional Income; Techniques of Regional Analysis.

**Module 3: Inter-regional Differentials in India's Development**

Regional Characteristics in India and Imbalances; Agriculture; Industry; Physical Infrastructure; Social Sector; Role of Planning Commission and Finance Commission in reducing regional imbalances. Liberalization and regional imbalances.

**Module 4: Regional Disparities in Karnataka**

Trends in the Level of Development and State Income; Inter-District Variations in the Rate of Development and Per Capita Income; Regional Disparities in Agriculture and Irrigation Development; Regional Disparities in Industrial Development and Industrial Dispersal Policies; Incentives for Development of Industries in Backward Areas; Banking and Regional Development; Economic Infrastructure and Regional Development.

**Reading List**

1. Beckman.M. (1969): Location Theory, Random House, London.
2. Bhalla, G.S. and Y.K. Alagh (1989): Performance of Indian Agriculture: A District-wise Study, Sterling, New Delhi.
3. Brahmananda, P.R. and V.R. Panchamukhi (Eds.) (2001): Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
4. Dr. Nanjundappa Committee Report. Govt. of Karnataka, Bangalore
5. Dadibhavi (1986): Income, Productivity and Industrial Structure Chugh Publications, Allahabad.
6. Dholakia, R.H. (1985): Regional Disparity in Economic Growth in India, Himalaya Publishing House, Bombay.
7. Hansen, N.M. (1974): Public Policy and Regional Economic Development: The Experience in Nine Western Countries, Ballinger, Massachusetts.
8. Hoover E.N. (1974), An Introduction to Regional Economics, Alfred. A. Knopf, New York.
9. Isard, W. (1960): Methods of Regional Analysis, MIT Press, Cambridge, Mass.
10. Mayer (1980): Regional Development Planning in India.
11. Nair, K.R.G. (1982): Regional Experience in a Developing Economy, Wiley; Eastern, New Delhi.
12. Pande (1969): Report of the Working Group on Identification of Backward Areas, GOI, Planning Commission.
13. Rao, H. (1984): Regional Disparities and Development in India, Ashish Publishing House, New Delhi.
14. Richardson, H.N. (1969): Regional Economics, Weidenfield & Nicolson, London.
15. Richardson (1973): Elements of Regional Economics, MacMillan London.



**EC-O-3.8 HUMAN RESOURCE MANAGEMENT (HRM)****(OPEN ELECTIVE PAPER)****OBJECTIVES:**

1. To familiarize the students about basic concepts of HRM, Leadership and capacity building.
2. To enable the students to understand thoroughly the gender issues in leadership obstacles in Capacity building.

**MODULE- I: HUMAN RESOURCE DEVELOPMENT AND PLANNING**

Concept of HRM – Meaning - Objectives - Scope and its Importance; Functions of HRM; Planning - Recruitment and Selection - Training and Development – Compensation – Welfare and industrial functions. Human Resource Planning (HRP) Definition – Need and Process of HRP – Responsibility for HRP – Job – Analysis and its Components.

**MODULE-II: PERFORMANCE APPRAISAL**

Performance Appraisal: Need and Significance – Creativity and its Role in Management – Setting Employees Performance, Objectives and Goals; Creating Organizational Conditions for Improving Employees Performance, Building Positive Attitude – Time Management and Stress Management.

**MODULE-III: LEADERSHIP**

Concept of Leadership, Meaning, Scope and identification of leader, Functions – Characteristics – Status – Communication Skills of the Leader – Gender Issues in Leadership.

**MODULE-IV: CAPACITY BUILDING**

Scope and definition – Self-contribution – organizing – Empowerment – As a leader contributing – Organizing – Empowering – Facing the challenges – Dimensions of Participation – Tools for Promoting Participation – Obstacles in Capacity Building.

**MODULE-V: INSTITUTIONS AND TRAINING**

Training (TOT : Training of Trainers) – Gram Panchayat as Institution of Capacity Building and Leadership of Rural Women. Grass root Training Through Media and TV and Satellite Technology – Training for Women folk.

**SUGGESTED READINGS**

1. Aswathappa, K (2000): Human Resource and Personal Management, Tata Mc Graw Hill, New Delhi.
2. Holloway, J (2000): Performance Measurement and Evaluation, Sage, New Delhi.
3. Jim Mathewinan (2000): Human Resource Planning, Jaico Publish House, Bangalore.
4. Palanithurai (2002): Capacity Building for local body leaders (New Concept).
5. Purushothaman, S. (1998): The Empowerment of women in India Grass roots women's network and the state, Sage Publications, New Delhi.
6. Rajani K. Murthy (Ed.) 2001: Building Women's Capacities –Interventions in Gender Transformation, Sage Publications, New Delhi.
7. Stephen. F. (1985): Participatory Training as a strategy to bring about social transformation SEARCH, Bangalore, India.
8. Udai Pareek & TV Rao (1999) : Developing Motivation through Experiencing, Oxford, New Delhi
9. Wayne, F. Cascio (2000): Management of Human Resources, Irwin.



**EC-S-4.6: URBAN ECONOMICS (Specialization /Optional)****Objectives:**

- 1) Introduce the Students to the different dimensions of urban economics.
- 2) To understand the theories of urban growth.
- 3) To create awareness in Students regarding the urban problems, planning and its governance in India.

**Module 1: Introduction to Urban Economics**

Urban Economics –Nature and scope-Process of Urbanization-Factors initiating urbanization process – City stages-The economic theory of urban spatial structures –The concept of city structures: the concentric zone hypothesis –urban land use: Models of household residential locational decision-Land use framework –Von Thunen: Income-related framework: Park-Burgess –Budget constraint models of Allonso; Muth and Siegel.

**Module 2: Urban Growth**

Central place theory-Urban economic base and urban growth –The human ecological approach to urban growth –City size and urban growth-the costs and benefits of city size –Urban size ratchet –Rank size rule.

**Module 3: Urbanization in India**

Trends in India's Urbanization –Major trends and issues in India's urbanization-Structure of urban growth –Spatial distribution of urban population-Extent of urban sprawls

**Module 4: Urban Problems and Planning in India**

Urban housing and problems of slum up gradation-Urban water supply and sanitation-urban transport-Urban environment-Measures to control pollution-Urban poverty and alleviation measures-Concept, need, objectives and techniques of urban planning-The master plan approach-The emerging planning issues

**Module 5: Urban Governance**

Urban government activity-Urban local bodies, structure and finances-Urban fiscal problems- Financing development of urban infrastructure-Management of urban infrastructure, the public-private partnership mechanism

**Reading List:**

1. Amiiabh Kundu: In the Name of the Urban Poor: Access to Basic Amenities, Sage Publications, New Delhi, 1993
2. Amitabh Kundu, K.C. Shivaramakrishnan and others: Handbook of Urbanization in India, Oxford University Press, New Delhi, 2005
3. Bose A.N.: "Urban Economics: A Trend Report" in ICSSR: A Survey of Research in Economics, vol. 6, Allied Publishers, 1980.
4. Bose A.N: India's Urbanization
5. Brian C. Aldrich and Ranvinder S. Sandhu: Housing the Urban Poor: Policy and Practice in developing countries, Sage Publications, New Delhi, 1995
6. Button K.J: Urban Economics, Richard D Irwin, Homewood, Illionis, 1977
7. Goodall B: The Economics of Urban Areas, Pregamon Press, New York, 1972
8. Meera Kosambi: Urbanization and Urban Development in India, Monograph-1, Research in Sociology and Social Anthropology: Third Survey, Indian Council of Social Science Research, New Delhi, 1994.
9. Mills E: Report of the Task Force on Housing and Urban Development, I to IV, Planning Commission, Government of India, New Delhi.
10. NCAER (2005): India Infrastructure Report, Financing Urban Infrastructure, Oxford University Press, New Delhi, 2005
11. NIUA: Urban Statistical Handbook, National Institute of Urban Affairs, New Delhi.
12. Sundarm K.V: Urban and Regional Planning in India, Vikas Publishing House, New Delhi, 1977



**EC-O-4.8: ECONOMICS OF GENDER AND DEVELOPMENT****(OPEN ELECTIVE COURSE)****Module-1: Introduction to Gender Studies**

Basic Concepts - Difference between Gender and Sex - Concept of Gender Economics - Gender Concerns in Economic Theory - Sen's Contribution - Gender Division of Work - Invisibility of Women's Work - Gender Mainstreaming - Gender Statistics and System of Sources of Data on the Population - Gender Inequality Factors - Development Factors - Discrimination and Behavioural Factors - Gender Gap in Access to Resources and Control Over Economic Resources.

**Module - 2: Economic Growth and Gender Equality**

Globalization of the World Economy and Gender Status - Impact of Economic Growth on Gender Equality - Gender Equality and Economic Growth and Socio-Economic Development. Impact of Globalization on Gender Status - Concept of the "Feminization of Poverty" - Basic Causes - Problems of Measuring the Feminization of Poverty - Gender Differences in Incomes - Women's Contribution to GDP - Estimation of Women's Unpaid Work.

**Module - 3: Gender Equity in Household Economics**

Distribution of Resources and Decision-Making Mechanisms Within the Household - Theoretical Concepts - Work in the Labour Market - Work in the Household - Model of Investment in Human Capital - Marital and Age-Dependent Models of Female and Male Employment - Meaning of Gender Equity and Equality - Gender Equity Index - Gender Inequality Index of UNDP - Gender Status Index - Gender in Human Development - Gender Development Index - Gender Empowerment Measure - Gender in Social Development Indicators - the OECD Social Institutions and Gender Index (SIGI).

**Module - 4: Gender Analysis Frameworks and Gender Budgets**

Gender Analysis: Harvard Analytical Framework/Gender Roles Framework - Gender Planning Framework: (Caroline Moser) - Gender Analysis Matrix (Rani Parker) - Women Empowerment Framework (Sara Hlufekile Longwe) - Social Relations Framework: (Naila Kabeer) - Integrated Gender Analysis - Gender Budgeting - Methodology of Gender Budget Preparation - Approaches and Principles of Gender Budgeting - Gender Budgeting in India and Karnataka.

**MODULE-5 : GENDER DEVELOPMENT AND MAINSTREAMING INITIATIVES**

Review of Gender Development and Empowerment Policies - Gender Inclusive Planning - Gender Sensitization of institutions and policies - Mainstreaming Gender into Development Policies - Role of Institutions in Gender Mainstreaming - Rights Based Approach to Gender Development - Democratic Decentralization (Panchayats) and Women's Empowerment in India.

**References and Readings:** [Please refer to the Latest Editions]

1. Agarwal, B., *Bargaining and Gender Relations: Within and Beyond the Household*, Feminist Economics, Spring, pp. 1-25D.
2. Batliwala, S., *The Empowerment of Women in South Asia: Concepts and Practices*, Sage, New Delhi.
3. Boserup, Ester., *Women's Role in Economic Development*, New York, St Martin's Press.
4. Bowles Gloria and Dueli Klein Kenate, *Theories of Women Studies*, New York.
5. Committee on the Status of Women in India, *Towards Equality: Report of the Committee*.



6. Hunt, J, *Introduction to Gender Analysis Concepts and Steps*, Development Bulletin, no. 64, pp. 100-106.
7. Irene Tinker., *Persistent Inequalities: Women and World Development*, OUP, New York.
8. John, Mary E., *Gender and Development in India*, EPW, 31 (47), pp 3071-77.
9. Kabeer Naila, *Reversed Realities: Gender Hierarchies in Development Thought*, Kali for Women, New Delhi.
10. Klasen S. (2006) *UNDP's Gender-Related Measures: Some Conceptual Problems and Possible Solutions*, Journal of Human Development and Capabilities 7 (2), pp.243-74.
11. March, C., Smyth, I. and Mukhopadhyay, M. ,*Guide to Gender-Analysis Frameworks*. Oxfam, Great Britain.
12. Mark McGillivray (Ed), *Human Well-being: Concept and Measurement*, Palgrave Macmillan: Basingstoke.
13. Moser, A., *Gender Mainstreaming Since Beijing: A Review of Success and Limitations in International Institutions*. Routledge, New York.
14. National Commission on Women in Self Employment (1987) Shramshakti Report.
15. Swapna Mukhopadhyay (ed.) *The Enigma of the Kerala Woman: The Failed Promise of Literacy*, Social Science Press, New Delhi.
16. UNDP, (2006), *Human Development Report, Fighting Climate Change: Human Solidarity in A Divided World*. Palgrave, New York.
17. Vasavi A R and C Kingfisher. (2003) *Poor Women as Economic Agents: the Neoliberal State and Gender in India and the US*, Indian Journal of Gender Studies, 10 (1), 1-24.

#### SUGGESTED READINGS

1. Agnihotri, S.B. (2000): *Sex ratio in Indian Population: A Fresh Exploration*, Sage Publications, Delhi.
2. Baud, I.S. A.(1992): *Forms of Production and Women's Labour : Gender Aspects of Empowerment in South Asia*, Vistaar Publications, New Delhi.
3. Boserup, E (1970): *Women's Role in Economic Development*, George Allen and Unwin, London.
4. Carr M.C. Martha and R. Jhabvala (Eds) (1997): *Speaking Out Women's Economic*
5. Desai, N. and M. K. Raj (Eds) (1979): *Women and Society in India*, Research Centre for women
6. Government of India (1974): *Towards Equality Report of the Committee on the Status of Women*
7. Krishnaraj, .M.R.M. Sudarshan and A Shariff (1999): *Gender, Population and Development*,
8. Narasimham, S. (1999): *Empowering Women: An Alternative Strategy from Rural India*, Sage
9. Papola , T.S. and A.N. Sharma (Eds) (1999): *Gender and Employment in India*, Vikas Publishing
10. Seth, M. (2000): *Women and Development: The Indian Experience*, Sage Publications New Delhi.



## P-III : Review of Literature (Valuation of Report and Viva-Voce)

Research Scholar needs to be reviewed a minimum of 20 Articles / Research Papers / Books of National and International Authors under the guidance of concerned Research Supervisor and shall submit the Report to the Chairperson of the Department through the Research Supervisor.



## P-IV -RESEARCH AND PUBLICATION ETHICS (RPE)

### THEORY

- **RPE 01: PHILOSOPHY AND ETHICS (3hrs.)**
  1. Introduction to philosophy: definition, nature and scope, concept, branches
  2. Ethics: definition, moral philosophy, nature of moral judgements and reactions
- **RPE 02: SCIENTIFIC CONDUCT (5hrs.)**

Ethics with respect to science and research

  1. Intellectual honesty and research integrity
  2. Scientific misconduct: Falsification, Fabrication, and Plagiarism
  3. Redundant publication: duplicate and overlapping publications, salami slicing
  4. Selective reporting and misrepresentation of data
- **RPE 03: PUBLICATION ETHICS (7hrs.)**
  1. Publication ethics: definition, introduction and importance
  2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  3. Conflicts of interest
  4. Publication misconduct: definition, concept, problems that lead to unethical behaviour and vice versa, types
  5. Violation of publication ethics, authorship and contributor ship
  6. Identification of publication misconduct, complaints and appeals
  7. Predatory publishers and journals

### PRACTICE

- **RPE 04: OPEN ACCESS PUBLISHING (4hrs.)**
  1. Open access publications and initiatives
  2. SHERPA/RoMEO online resources to check publisher copyright & self archiving policies
  3. Software tool to identify predatory publications developed by SPPU
  4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.
- **RPE 05: PUBLICATION MISCONDUCT (4hrs)**
  - A. Group Discussion (2hrs.)**
    1. Subject specific ethical issues, FFP, authorship
    2. Conflicts of interest
    3. Complaints and appeals: examples and fraud from India and abroad
  - B. Software tools (2hrs)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools
- **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**
  - A. Databases (4hrs.)**
    1. Indexing databases
    2. Citation databases: Web of Science, Scopus, etc.
  - B. Research Metrics (3hrs.)**
    1. Impact Factor of journals as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
    2. Metrics: h-index, g index, i10 index, altmetrics.