

COURSES OF STUDIES

(UNDER CBCS)

For Ph.D. Coursework in Economics
(Syllabus of Courses Effective from the Academic Year: 2020-21)



Syllabus of Courses to be Offered
(Core Courses and Discipline Specific Elective Courses)

DEPARTMENT OF ECONOMICS

**SCHOOL OF SOCIAL SCIENCES
CENTRAL UNIVERSITY OF ODISHA
KORAPUT, ODISHA, INDIA**

COURSE STRUCTURE: PH.D. COURSEWORK IN ECONOMICS

1. Guidelines for Ph. D. Course Work in Economics

The course work is prerequisite for Ph.D. preparation. The duration of the course work will be of one semester. The course work shall be of 16 credits. The detail of the course structure is as given below:

2. Course Structure

Course	Course Code	Course Type	Course Title	L-P-T-D	Credit
1	ECO-C-601	Core	Research Methodology	3-0-1-0	4
2	ECO-C-602	Core	Data Analysis using Computer Application	2-0-0-0	2
3	ECO-C-603	Core	Research and Publication Ethics (RPE)	2-0-0-0	2
4	ECO-C-604	Core	Contemporary Economic Issues	3-0-1-0	4
5		DSE**	Elective	3-0-1-0	4
Total					16

Note: Student may pursue courses including ‘Research and Publication Ethics (RPE)’ as per availability of course in online platform like SWAYAM/ NPTEL/ e-PG Pathasala etc during that particular semester. Students have to register before commencement of the semester. The selection of such courses will be decided depending on the structure and suitability of that particular course for the programme by the Faculties of the Department.

****DSE: Discipline Specific Elective**

List of Electives

- 1. ECO-E-605: Economics of Natural Resources**
- 2. ECO-E-606: Economics of Gender and Development**
- 3. ECO-E-701: Tribal Economics**
- 4. ECO-E-702: Applied Econometrics**
- 5. ECO-E-703: Education Economics**
- 6. ECO-E-704: Health Economics**

ECO-C-601: RESEARCH METHODOLOGY

3-0-1-0 [4]

MODULE-I: Introduction of Research Problems

Research Methodology: An introduction-Meaning, objectives; Different types of research, need and significance of social science research, economic research, criteria of good research; Formulation of a research problem, identifying research problem in economics; Meaning and need of research design, features of a good design, different research designs for exploratory, descriptive, diagnostic and experimental research; Formulating objectives of the study; Concept of Hypothesis-Role and Formulation of hypothesis.

MODULE-II: Review of Literature

Review of Literature: Review of literature: meaning, objectives, types, sources, stages and precautions; Organisation of literature review, Practical on Review of Literatures-Articles/ Research papers Review, Book Review

MODULE-III: Research Methods and Data collection and processing

Research Methods: Historical Method; Scientific Method-Stages of scientific method, limitation of scientific method, logic and scientific method; Deductive and Inductive Method, Hypothesis Deductive method; Case study method; Survey Method; Observation Method; Scaling techniques; Sampling design

Data collection and processing: Primary Data, Methods of collection of primary data; Secondary data- Sources, limitations of secondary data; Processing- Editing, Coding, Classification & Transcription of Data, Tabulation and graphical representation.

MODULE-IV: Report and Academic Writing

Reports writing-Types of reports; Significance of report writing, Different steps in writing report, Foot note and end note, Bibliography and References, Writing and Reference Style- APA, MLA, Chicago and Harvard, Common Citation Styles, Appendices, criteria for evaluation of research report.

Academic writing-Essential of academic writing, Structure of research proposal, dissertation and thesis, Preparation of summary and abstract, Writing a research paper.

READING LIST:

1. Lawrence. A. Boland. (1982). The foundation of economic method, gorged allen and Unwin. London
2. Lawrence. A. Boland. (1989). the Methodology of Model building, Rutledge. London
3. HomaKatouza (1980), Ideology and Methods in Economics, Macmillan, London
4. Kurien C.T. Guide to research in economics.
5. Goode W.S. and Hatt P.K. (1992), Methods in social Research, McGraw Hill.
6. Murthy M. N. Survey Methods
7. Michale S. Lewis beck and Alan Bryman and Tim Futing Liao (2004). Encyclopedia of social science research methods. Sage Publication
8. David Kaplan (2004). The sage hand book of Quantitative Methodology for the social sciences, sage publication.
9. Guthrie, G. (2010): Basic Research Methods, Sage Publications India Private Limited, New Delhi.
10. Kothari, C. R. (2004): Research Methodology: Methods and Techniques, New Age International Private Limited Publishers, New Delhi.

11. Young, P. V. (1996): Scientific Social Survey and Research, PHI Learning Private Limited, New Delhi.
12. Dooley, D. (2008): Social Research Methods, Prentice-Hall of India Private Limited, New Delhi

ECO-C-602: DATA ANALYSIS USING COMPUTER APPLICATION

2-0-0-0 [2]

MODULE-I: Statistical Tools and Methods

Descriptive Statistical tools: Measures of Central Tendency, Dispersion; Movement, Skewness, Kurtosis, Basics concepts of correlation; Spearman's rank correlations coefficients and their properties; Concept of the regression and the lines of regression. Probability theory-concept and laws/theorem of probability distribution; Expectation; Binomial, Poisson, Normal, Z, t, Chi-square distribution.

MODULE-II: Statistical Inferences

Concept of an estimator, sampling and sampling distribution, Proprieties of a good estimator; Statistical inference and hypothesis testing-Formulation of statistical hypotheses - Null and alternative; Confidence interval and level of significance. Regression and Correlation Application, Analysis of Variance (ANOVA), Multivariable Analysis, factor Analysis; Role of concepts in data analysis and interpretation.

Note: Above component of Module I and II will be done by using Excel, SPSS, E-Views, STATA, R or any other social science software package as per availability.

Reading List

1. Spiegel. M.R (1992). Theory and problems of statistics, Schaum's outline series. Mcgraw Hill.
2. Liptohz (1992). Probability Schaum's outline series. Mcgraw Hill.
3. Croxton E. and Gowden (1965). Applied and general Statistics, Prentice Hall.
4. Asthana and Braj Bhushan, Statistics for Social Sciences (with SPSS applications), PHI
5. Mallery, P. and George, D. (2011), SPSS for Windows: Step by Step, Pearson, New Delhi

ECO-C-603: RESEARCH AND PUBLICATION ETHICS

2-0-0-0 [2]

Module I: Introduction of Philosophy and Ethics in Educational Research: (3Hrs)

- Philosophy: Concept Nature & Branches
- Need of Philosophy in Research
- Ethics: Concept, moral philosophy nature of moral judgments and reactions in educational research
- Philosophical Attitude in Research.

Module II:Scientific Conduct in Educational Research: (5Hrs)

- Intellectual Honesty and Research Integrity: Concept and Importance
- Scientific Misconducts: Falsification, Fabrication and Plagiarism (FFP)
- Redundant Publication: Duplicate and Overlapping publications, Salami Slicing
- Selective Reporting and Misinterpretations of Data.

Module III: Ethics in Research Publications: (7Hrs)

- Publication Ethics: Meaning and importance.
- Best practices and Quality mandates in Research: Committee on Publications Ethics (COPE) and its role, World Association of Medical Editors (WAME)- Its Functions.
- Publication Misconducts: Meaning, problems and types, identifications of publication misconducts, complaints and appeals.
- Predatory Publishers and Journals.

Module IV: Practice (Group Discussion, Seminar/Hands on Experiences) Open access publishing and publications misconduct in Educational Research: (4 Hrs)

- Open Access Publications Sources
- Publisher's copy-right and self-achieving policies: (SHERPA) and ROMEIO as Online Resources.
- SPPU: Software identification for predatory publications
- JANE, Elsevier Journal Finder, Springer & Journal suggester in Journal Finders.

Module V: Publication Misconduct, Data Bases & Research Metrics (11Hrs)

- (Activity- Group- Discussion/Seminar presentation/ Hands on Experiences)
- FFP issues in Educational Research
 - Creation and practice on account relating to Plagiarism, Detection Software (PDS) – like- URKUND and TURNITIN.
 - Indexing Databases citation Databases: Scopus & Web of Science etc,
 - UGC- CARE
 - Impact Factor: SNIP, SJR, IPP, Cite score.
 - Research Metrics: h-Index, g-index, i10 index, altmetrics.

READING LIST:

- American Educational Research Association (1992). AERA ethical standards, Washington DC. AERA.
- American Educational Research Association (2011). Code of Ethics of AERA, Washington DC. AERA.
- British Educational Research Association (2018). Ethical guidelines for educational research, London BERA.
- Buchanan, Elizabeth (2003). Readings in Virtual Research Ethics: Issues and Controversies: Information Science Publishing.
- Comstock, Gary (2013). Research Ethics: A Philosophical Guide to the Responsible Conduct of Research: Cambridge University Press.
- Elliott, Deni (1997). Research Ethics – A Reader: University Press of New England.
- Shamoo Adil E, Resnik David B. “Responsible Conduct of Research” Oxford University Press, 2003
- SalzanoFranciso M, Hurtado A. Magdalena “Lost Paradises and the Ethics of Research and Publication” Oxford University Press
- CUP, Publishing Ethics: Academic Research, Cambridge University Press, 2019
- Wiley, Best Practice Guidelines on Publishing Ethics, A publisher's Perspective, Second Edition Wiley 2014
- Elsevier, Ethics in Research and Publication, Elsevier 2019

ECO-C-604: CONTEMPORARY ECONOMIC ISSUES3-

0-1-0 [4]

Module I: Development related Issues

Poverty and Inequality – Problem, Measurement and Policy Issues; Human Development – Measurement(HDI and GDI) and Policy; Economic Development and Environment- Kuznets Curve, Poverty, Environment linkages, Climate change – Problems, impacts and policy, Gender Issues and Development; Urbanisation; Migration

Module II: Physical and Social Infrastructure Issues

Resource Base Infrastructure: Economic infrastructure issues- transportation, communication and energy, Social infrastructure issues – education and health; Regional imbalance; Issues and policies in financing infrastructure development

Module III: Sectoral Issues

Economic Growth and Sectoral composition – imbalances and linkages; Issues in food securities - Policies for sustainable agricultural; Industrialization – Problems and issues in public sector and MSME sector, Exit policy - issues in labour market reforms, problems of sick units in India, Privatization and disinvestments debate; Fiscal restructuring and dynamic federal structure

Module IV: Rural Issues

Rural Development – trends; Rural – urban disparities in India, Characteristics and sources of rural credit-Institutional and non-institutional; Rural indebtedness and farmer suicide, rural poverty-extent and causes; marginalization of rural labor; Nature, extent and trends in rural unemployment; Rural industrialization-importance, Issues and problems

READING LIST:

1. J. Haughton & S. R. Khandker, Handbook on poverty and inequality, World Bank
2. R. N. Soni, Leading Issues in Agricultural Economics, Vishal Publishing Co, New Delhi
3. “Development and Environment” – World Development Report, 1992.
4. R. Dutta & Sundaram, Indian Economy, S. Chand Publication, New Delhi.
5. Nick Harley, J. F. Shogren and Ben White, Environmental Economics
6. Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
7. Desai V, Study of Rural Economics, Himalaya Publishing Company.
8. Misra, S.K. and V.K. Puri, Indian Economy — Its Development Experience, Himalaya Publishing House, Mumbai

ECO-E-605: ECONOMICS OF NATURAL RESOURCES

3-0-1-0 [4]

MODULE-I: Economics of Renewal and Exhaustible Resources

A resource taxonomy, Resource scarcity, Renewable resources, Growth curves, The rate of exploitation, Costs and Revenues, Preservation values, Exhaustible resources, Principles of exhaustible resource use, Optimal resource use

MODULE-II: Mineral Resources

Importance of minerals in economic development, Assessment of Indian mineral resources, International mineral trade, reserves and resources of world minerals supplies, Hazards due to mining-environmental and health, prevention of hazards due to mining; Structure and Organisation of mineral industry in India, future mineral consumption and Indian economy, Uses and Exploration of Mineral Resources; National Mineral Policy, Mineral taxation

MODULE-III: Forest and Water Resources

Forest Resources-Uses, Forest Type and Management, World Forest Cover, Forest Resources of India, Deforestation, Effect of Deforestation on Tribal People, Forest Degradation in India, Sustainable Forest Management; forestry policy- Joint Forest Management

Water resources- Surface Water and Ground Water, Water Resources in India, Methods for managing Water Resources; Environmental Impacts of Large Dams, Problems Associated with Rehabilitation of Displaced People/Tribal due to Major Dams, River Water Disputes, Water Pollution; Policy instruments for controlling water pollution

MODULE-IV: Livelihoods and Natural Resource Management

Concepts and scope of livelihood, livelihood framework analysis, various capitals involved, indigenous communities and traditional livelihoods, forms of natural resources and dependencies of local people; Natural resource crisis and impacts on the livelihood of people- threats of traditional livelihood from globalization, urbanization, privatization, mining and migration; Mechanism for environment regulation in India; Environmental protection laws and their implementation, Importance of sustainable resource management

READING LIST

1. Fisher, A. C. (1981) Resource and Environmental Economics, Cambridge University
2. Francois, R. (1984), Ecology of Natural Resources. John Wiley & Sons Ltd
3. Malhotra, KC and Bhattacharya, P. (2010). Forest and Livelihood. Pub. Centre for Economic and Social Studies. Hyderabad
4. Pearce D.W. and R. Turner (1991) Economics of Natural Resource Use and Environment, John Hopkins University Press, Baltimore.
5. Sinha, R.K. and Sharma, N.L. (1970). Mineral Economics, Oxford and IBH
6. Tietenberg, T. (1994) Environmental Economics Policy and Harper Collins New York
7. Wanger K.D (1998), Environmental Management, W.B. Saunders Co. Philadelphia, USA
8. Sahu, N.C. (1986), Economics of Forest Resources: Problems and Policies in a regional economy. B.R. Publishing Corporation, New Delhi.

ECO-E-606: ECONOMICS OF GENDER AND DEVELOPMENT

3-0-1-0 [4]

MODULE-I: Introduction to Gender Studies and Its Demographic Aspect

Importance and Concepts of women studies-women in patriarchal and matriarchal societies and relevance to present day society in India, Demography of female Population- Age structure, Mortality rates and sex ratio-causes of declining sex ratios and fertility rates in LDCs and particularly India, women and access to nutrition, health, education and social and commodity resources and their impact on female mortality and fertility, economic status and in work participation rate.

MODULE-II: Women in Decision Making and Concept of Women's Work

Factors affecting decision making by women-Property Rights, Access to and control over Economic resources, Assets-Economics status of women and its effect on work participation rate; Income level, health and education in developing countries and India - Concept of women's work-valuation of productive and unproductive work, visible and invisible work, paid and unpaid work

MODULE-III: Women and Labour Market

Factors affecting female entry in labour market-Supply and demand for female labour in developed and developing countries, particularly India-Studies of female work participation

in Agriculture, Non-Agricultural Rural Activities. Information Sector, Cottage and Small Scale Industries, organized industry and service sector-Wage differentials in female activates.

MODULE-IV: Social Security and Development Policies for Women

Social Security of Women-Access to credit and insurance markets; role of voluntary organizations, Self Help Groups in providing social security-Effectiveness of Collective bargaining; Schemes for Safety net for women.

Review of legislation for women's entitlements, mainstreaming gender into development policies, Women's empowerment in India.

READING LIST:

1. Boserup, E.(1970), Women's Role in Economic Development, George Allen and Unwin, London
2. Desai, N. and M.K.Raj (Eds) (1979), Women and Society in India, "Research Centre for Women Studies, SNDT University, Bombay
3. Krishnaraj, M., R.M. Sudarshan and A.Shariff (1999), Gender, Population and Development, Oxford University Press, New Delhi
4. Nussbaum (2001), Women and Human Development: The Capabilities Approach (The Seeley Lectures)
5. Seth, M. (2000), Women and Development; The Indian Experience, sage publications, New Delhi
6. Srinivasan, K. and Shroff (1998), India : Towards Population and Development Goals, oxford University Press, New Delhi
7. Venkateswaran, S. (1995), Environment Development and the Gender Gap, Sage Publications, New Delhi
8. Wazir, R. (2000), The Gender Gap in Basic Education: NGOs as change Agents, Sage Publications, New Delhi

ECO-E-701: TRIBAL ECONOMICS

3-0-1-0 [4]

MODULE-I: Tribal Demography

Demography: Concept, feature and importance Tribal Demography : An appraisal, An overview of India's Tribal Demography, Distribution of tribal population in India, Need for Micro Level Studies, Tribal Population in Odisha – An analysis of growth of Tribal Population from 1961 Census to 2011 Census, Growth Rate, Fertility Rate, Sex Ratio, Density of Population, Work Participation Rate

MODULE-II: Human Development in Tribal Areas

Emerging initiatives in the field of Education of Tribes – DPEP, SSA Programmes and initiatives under SC and ST Development Department, Government of Odisha; Health Problems in Tribal Areas – Common diseases among Tribals, Methods of curing; Indigenous and Modern; NRHM in Tribal Areas; Integrated Child Development Scheme (ICDS) in tribal areas, Efforts made by UNDP, UNFPA, WHO, DFID and UNICEF to improve the nutritional care of mother and child in Tribal Areas.

MODULE-III: Tribal Economy

Economic System and Economic Structure among Tribal, Economic Typology, Characteristics of Tribal Economy; Tribal Production System, Tribal Agriculture, Shifting Cultivation, Settled Cultivation, Terraced Agriculture, Cooperative and Exchange Labour; Allied Activities, Horticulture, Floriculture, Animal Husbandry, Forest and Forest Collection, Wage Labour, Tribal Markets

MODULE-IV: Tribal Problems, Policies, Planning and Development Interventions

Land Problems of Tribal – Land distribution, Land alienation, causes and consequences, Displacement – Causes and Consequences, Indebtedness, Bonded Labour and Land alienation continuum, Trends of Economic Exploitation; Tribal Development during Five Year Plans – SMPT Block, TD Block, Tribal Development Agency, Sub-Plan Approach, MADA, and Cluster Approach, PTGs and Micro Projects; Emerging Development Initiatives – Role of NGOs, Women Empowerment through Micro Finance and SHGs

READING LIST:

1. Behera, K.K. (2003), Organization and Management of Tribal Markets, Independent Publishing Company, New-Delhi
2. Behera, M.C & JumyirBasar (2010) Ed., Interventions and Tribal Development, Serial Publications, New Delhi.
3. Deogaonkar S.G. (1994) Tribal Administration and Development – Concept Publishing Company – New-Delhi
4. Kalla, A.K. & P.C. Joshi (Ed.) (2004) Tribal Health and Medicines, Concept Publishing Company, New-Delhi
5. Mohapatro, P.C. (1987), Economic Development of Tribal India. Ashish Publishing House, New Delhi.
6. Mohapatro, P.C. (2009), Problems of Tribal Development in Orissa in Sustainable Development of Bonda Hills, P.M. Mohapatra et. All (Ed.), COATS, Koraput, Odisha.
7. Padhi B.R. and B. Padhi (Ed.) (2010), Tribal Development in India – Section V – Health and Tribal Development, Mangalam Publications, Delhi

ECO-E-702:APPLIED ECONOMETRICS

3-0-1-0 [4]

MODULE1: Overview Classical Regression Model and Regression Problems:

Assumptions of OLS method- simple and multiple regression models- ordinary least square methods of estimation and properties- hypotheses testing on regression parameters- interpretation of regression results –problems in single equation models: Heterscedasticity. Autocorrelation, Multicollinearity- errors in variables - stochastic regressors.

MODULE 2: Qualitative Response Models

Introduction to binary and limited dependant variables, limitation of the linear probability model (LPM), method of maximum likelihood estimation and its properties(including consistency), Logit, Probit, Tobit models- Estimation and inference, Multinomial models, ordinary models.

Module 3: Univariate Time Series

Concept of time searies- stationarity and non-stationarity stochastic process- different types of non-stationary process- the concept of unit roots- testing for unit root-various specifications of ARIMA models- identification, estimation, and diagnosing model adequacy- forecasting through univariate time series modelling. The concept of high frequency time Series data-modeling high frequency data-testing for ARCH effect-ARCH/GARCH models –asymmetric ARCH/GARCH models-markov switching models.

Module 4: Vector Auto regression, Co-Integration and Panel Data Models:

The Vector Auto Regression(VAR) models- interpreting impulse response function and variance decomposition-structural VAR models- Impulse Response and Variance Decompsition- Testing for causality and block exogeneity in VAR models-the problem of

spurious regression- the concept of Cointegration-testing for Conintegration (Engle-Granger methodology and Johanson methodology)- Vector Error Correction Models.

Fixed effect model and random effect model, Pooled or population average model, estimation of coefficient, specification test, FGLS, dynamic panel data models. Application with real world cross country data.

READING LIST

1. Arellano, M. (2003) *Panel Data Econometrics*, Oxford University Press
2. Baltagi, B. H. (2018) *Econometrics Analysis of Panel Data* (fourth ed.) chichester, UK: Wiley
3. Hamilton, JD6 (1994) *Time series econometrics*, Princeton university press.
4. Wooldridge, J.M., (2002) *Econometrics Analysis of Cross Section and Panel data*, MIT press Cambridge MA: MIT press.
5. Walter Enders. 2014, *Applied Econometric Time Series*, 4th Edition, Wiley
6. Cameron, A.C. and P.K Trivedi. 2010, *Microeconometrics using Strata*. Texas, stata press publication
7. William H Greene (2006) "Econometric Analysis", Pearson.
8. Chris Brooks, *Introductory Econometrics for Finance* 3rd Edition, Kindle Edition, Cambridge University Press; 3 edition, 2014

ECO-E-703: EDUCATION ECONOMICS

3-0-1-0 [4]

MODULE-I: INTRODUCTION TO EDUCATION ECONOMICS

Definition and scope of economics of education- Human capital the concept; Historical developments in the human capital theory; components of human capital; PQLI and HDI, investment in human capital – contribution of education to economic growth.

MODULE-II: DEMAND FOR EDUCATION AND SUPPLY OF EDUCATIONAL FACILITIES

Education and productivity, private and social demand for education- investment in education, rate of return analysis, private and social rates of return, limitations of rate of return approach, rate of return and earnings distribution, equity aspects.

Components of educational supply; private and public facilities, pattern of organization & operation of education industry, organization and operation of different production limitations function analysis.

MODULE-III: FINANCING OF EDUCATION

Private resources in education and their limitations – rationale behind public involvement in education – forms of public financing subsidization, secondary, and post-secondary education in India – trends and issues – The New Education Policy.

MODULE-IV: INDIAN EDUCATION SYSTEM

Indian Education system –Rationale of government funding and regulation of education- Alternative method of financing education- Resource allocation to primary, secondary and higher education. Problems of education system in India, Efficiency, equity and distributional aspects Implications for gender and social groups- Role of private and public sectors, Union and State governments- Special programmes for education. Educational system and its problems in Odisha.

READING LIST

1. Mark Blaug, (2000) Economics of Education.
2. K.Venkatasubramanian, (1998) Education and Economic Development of TN.
3. G.S.Parnes, Planning Education for Economic Social Development.
4. Cohn, (2005) Economics of Education.
5. Tilak(2006), Economics of Inequality in Education.
6. Sudha V.Rao (2003), Education and Rural Development.
7. Theodore W. Schultz (1999), Investment in Human Capital.
8. NallaGounden A.M. (1998), Education and Economic Development.

ECO-E-704: HEALTH ECONOMICS

3-0-1-0 [4]

MODULE-I: INTRODUCTION TO HEALTH ECONOMICS

Definition and scope of economics of health- the concept of health and health care- the role of health in economic development–health as human capital determinants of health-poverty, malnutrition; Economic dimensions of health care- Demand and supply of health care.

MODULE-II: FINANCING OF HEALTH SERVICE

Theory and practice – Review of per capita and public expenditure on health services over time and in different parts of the country – An analysis of the sources of public funds for health – The need for a general health insurance, pre-payments scheme, savings-linked insurance system etc. – Financing health services through specific (health cess) and general (direct and indirect taxes) local government revenues – The role of government financing institutions in financing health.

MODULE-III: EVALUATION OF BENEFITS AND COSTS OF HEALTH SERVICES

Private benefits and private costs of providing health services, the failure of the market to provide essential health services, The provision of health services by the government – The application of benefit cost analysis to public health and family planning projects – The role of health in economic development, Benefits and costs (both private and social) of training professional manpower such as physicians, dentists, pharmacists and nurses. A review of the Indian National Health Policy and a discussion of other feasible alternatives.

MODULE-IV: INDIAN HEALTH SECTOR ISSUES

Growth in expenditure of personal health services – Characteristics of health services – healthcare problems, public's and economist's views – Analysis of demand for health services and supply of it– Rising healthcare costs, Factors affecting health – Nutritional status – Changes in morbidity pattern and trends immortality rates – Development policies, health strategy and role of non-health system – Socio-economic determinants of health status – Health foals, strategies and inter-sectoral action, Implementation of inter-sectoral programme for health – Institutional.

READING LIST

1. Galenson W and W Pyatt, Quality of Labour and Economic Development in Certain Countries, International Labour Organization, Geneva, 1964.
2. Pearce D and P Dasgupta, Social Benefit Cost Analysis, Macmilan, London, 1982.
3. Weisbroad B. A., Economics of Public Health, University of Pennsylvania Press, Pennsylvania, 1961.
4. Weisman J. Cost Benefit Analysis and Health Service Policy, Scottish Journal of Political Economy, Vol. 20, No. 1, February 1962.

5. Krishna kumar T and Rao K.N., Financing of Health Services in India: Perspectives and Issues, Department of Economics, University of Hyderabad (Mimeographed), September 1987.
6. Jimenz E., Pricing Policy in the Social Sectors, the Johns Hopkins University Press, New York, 1987.
7. Klarman H.E. the Economics of Health, Columbia University Press, Columbia, 1965.
8. Panchamukhi P.E. Economics of Health: A Trend Report, in ICSSR, A Survey of Research in Economics, Vol. VI, Infrastructure, Allied Publishers, Delhi.