

Pre- PhD Examination -2018

Paper-I: Research Methodology
(Compulsory Paper)

Paper – II (Optional):
(One elective from- Paper - II respectively)

1. **Agriculture and Rural Development**
2. **Industrial & Environmental Studies**
3. **Development Studies**
4. **Regional and Area Studies**
5. **Economic Anthropology and Tribal Studies**

**DEPARTMENT OF ECONOMICS
KAKATIYA UNIVERSITY-WARANGAL**

**Pre-Ph.D Syllabus
(Economics)**

PAPER-I

(Part-I: Methodology of Economics)

A) *Brief introduction to Philosophy of Science:*

- i) Positivism Logical Positivism – Hypothetic – Deductive model – Karl Popper and Critical Rationalism
- ii) Historical Trend on Growth of Knowledge Philosophy” – Thomas Kuhn Lakatos.
- iii) Dialectical Materialism

B) *Philosophy of Science and Economics:*

- i) *Positivism in Economics:*
 - a) Beginning of Positivism in Economics
 - b) Conventionalism
 - c) Instrumentalism
 - d) Operationalism
- ii) *Alternative to Positivism in Economics:*
 - a) Marxian Approach
 - b) Historical Approach
 - c) Institutional Approach
- iii) *Methodological Experiences of Researchers in Economics in India:*
Krishna Bharadwaj, AK Bagchi, Ashok Rudra & S.Chakravarthy

Part-II: Methodology of Research

A) *Statistical Background*

i) *Statistical Hypothesis*

a) Formation of Hypothesis

ii) *Sampling Design (Elementary notions)*

a) Random Sampling

b) Stratified sampling

c) Cluster Sampling/Multi-Stage Sampling

iii) *An Introduction to Statistical Inference:*

a) Characteristics of good estimator – unbiased ness, consistency and Efficiency.

b) Analysis of Variation

c) Correlation and Regression

d) Tests of Significance – t, χ^2 , & F; χ^2 –as a test of Goodness of Fit.

B) *Source of Data:*

C) *Report Writing*

D) *Familiarization with Computer Aided Data Processing and Analysis. (To be taught but not to be examined).*

REFERENCES:

1. Ignacy Sacha: Main Currents in Economics, UNESCO/MA
2. L A Boland: The Foundations of Economic Method, Londaon, Allen and Unwin.1982
3. B.Caldwell: Beyond Positivism:economic Methodology in the Twentieth Century, Allen and Unvin, 1982.
4. I.Naletov: Alternatives to Positivism Moscow, Progress Publishers, 1984.
5. Laster C. Tiirpon Dangerous Curtains: The State of Economics, OUP, 1983.
6. Blaug,M: The Methodology in Economics, 1980.

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Pre-Ph.D Syllabus
Paper –II (Optional) (i) Agriculture and Rural Development

Unit-I

Importance of agriculture –Role of agriculture in Indian Economy-Need of agriculture for industrial development- Share of agriculture in the economy -Terms of Trade between agriculture and Industry. Farm Size & Productively Relationship.

Unit-II

Agriculture Production and Productivity-Effects of Technology and changes-Agricultural wages-Cost of production in Agriculture-Pricing of Products in agriculture-mechanization of agriculture and labour absorption –Diversification of agricultural economic activities-Food Security and Agro-based industries –Inclusive growth.

Unit-III

Rural development vis-à-vis Agricultural development –Gandhian Approach to rural development-Experiences of Japan, China on rural development - Participation and problems of women, and child labourers in rural areas- Institutional and non-institutional sources of agriculture credit – Pattern of ‘credit – utilization and Recovery .

Unit-IV

Rural development & Basic Issues:-Rural indebtedness-Role of MGNREGS in mitigating rural debt – Role of irrigation in rural development - Diversification of agriculture, dry land farming- Poverty and employment Alleviation programmes - Role of voluntary agencies - Social assistance programmes of GOI.

Books and References:

1. K. Bhardwaj : Production conditions in Indian Agriculture
2. A. Rudra : Relative rates of growth; Agriculture & Industry
3. Kotovsky : Agrarian reforms in India.
4. P.C. Joshi : Land Reforms in India
5. CH. Hanmantha Rao : Technological Changes and Distribution of Gains in Indian Agriculture
6. Robert Chambers : Rural Development
7. Sarthar Aziz : Rural Development, China, India & Bangladesh.

Pre-Ph.D Syllabus
Paper – II (Optional) (ii) **Industrial & Environmental Studies**

Unit-I

Theories of Pattern of Industrialization, Theories of Hoffman, Chenary & Gershen Kron, Concept & Measurement of Industrial Productivity- Industrial growth during planning era- Regional imbalances in Industrial growth- Industrial Policies in India.

Unit-II

Market Structure & Market Performance: Classification of Industries, Service Sector led Growth- Privatization- Disinvestment - Industrial sickness – Source of Industrial Finance - Development of Small Scale & Cottage Industries.

Unit-III

Theories of Natural Resource Management and Sustainable Development: Material Balance and Entropy Law. – Hotelling's Theory of Exhaustible Resources, Das Gupta & Heal, Optimal Depletion of Renewable Resources.- Concept of Sustainable Development, Rules of Sustainable Development, Weak Vs Strong Sustainability Criteria, Theories of Sustainable Development.

Unit-IV

Measurement of Environmental Values & Policy: Market inefficiency and externalities, concept of total economic value, direct and indirect methods of Environmental Valuation, Environmental impact assessment and report, Environmental Audit – Mechanism for environment regulation, Environmental laws and their implementation in India, Global Environmental Policies.

Books and References:

1. Baumol, W.J : Economics and Environmental Policy and Quality of life - Prentice Hall, 1979.
2. Baumol, W.J : Theory of Environmental Policy - Cambridge University Press, 1989
3. Das Gupta, P.S & G.M. Heal : The Economic Theory of exhaustible resources Cambridge University Press, 1989
4. D. Reid : Sustainable Development, Earth scan
Turner, Pearce & Bateman
5. Bateman : Environmental Economics, Harvester - Wheat sheaf
6. Dhingra : Indian Economy (Environment & Policy)
7. Ch. Hanmantha Rao: Agricultural Growth, Rural Poverty and Environmental Degradation in India, OUP, 1994
8. L.C. Hempel : The Global Challenges, EWP
9. D. Reid : Sustainable Development, Earth scan
Turner, Pearce & Bateman
10. Bateman : Environmental Economics, Harvester - Wheat sheaf
11. Dhingra : Indian Economy (Environment & Policy)
12. Ch. Hanmantha Rao: Agricultural Growth, Rural Poverty and Environmental Degradation in India, OUP, 1994
13. L.C. Hempel : The Global Challenges, EWP
14. Rajyalaxmi : Environmental Economics
15. U. Shankar : Environmental Economics
16. Ahuliwari, I.J.(1985): Industrial Growth in India, Oxford University New Delhi
17. Barthwal, RR(1985) : Industrial Economics, Wiley Eastern Limited, New Delhi
18. Chernuliam, F (1994) : Industrial Economics: Indian Perspective, Himalaya Publishing House, Mumbai
19. Divine, PJ&RM. Jones Et. Al (1976) ,An Introduction to Industrial Economics, George Allen &Unwin Lim., London
20. Kuchhal, SC(1980) : Industrial Economy of India, Chaitanya Publishing House, Allahabad
21. Sing, A & AN Sadu (1988) :Industrial Economics, Himalaya Publishing House, Mumbai

Pre-Ph.D Syllabus
Paper – II(Optional) (iii) Development Studies

Unit-I

Historical Legacy of Developing Countries: Agrarian and Industrial Structures: Pattern of development in 3rd World Countries- Structural changes and Economic Reforms - Relative significance of Agriculture, Industries and Service sectors- Foreign Investment and Aid to Developing Countries -Role of World Bank in the Economic Development of 3rd World Countries.

Unit-II

Poverty and Unemployment – Measurement of Unemployment & Poverty various components of Human Development Index - PQIL, New Millennium Goals and Objectives – Inclusive growth & sustainable Development.

Unit-III

Fiscal Policy: Fiscal Policy in Developing Countries –The role of Deficit financing - The burden of debt on developing countries – Trends in major taxes of India - Financial sector reforms- Project evaluation and cost benefit analysis – Centre/State Financial Relations in India.

Unit-IV

Trade Policies and Economic development: -Theories of Terms of Trade- Prebisch, Singer, The Rybezynski Theorem and unequal hypothesis- A.G. Frank Samir Amin - Concept and Policy implication of immiserizing growth - Export growth strategy- India's Foreign Trade Policy - Trade Policy and Economic Development - Foreign and Multinational Nationals and Transfer of Technology.

Books and References:

1. I.M.D. Little : Project Appraisal and Planning for Developing countries
2. A.R. Prest : Public Debt and Economic Development
3. R. Jha : Public Finance
4. Daniel Thorner : Land and Labour in India.
5. Bimal Jalan : Indian Economy - Problems and Prospects
6. A.K. Sen : India's Economic Development - some regional Dimensions.
7. P.K. Bardhan : The Political Economy of Development in India, Oxford University Press, (1999)
8. Sen, A (1972) : Guideline for project Evaluation, Indo Publications.

Paper – II(Optional) (iv) Regional and Area Studies

Concepts: –

Meaning and importance of regional economics; different types of a region; indicators of regional development. Location of firms – one market one input case. More generalized version. Locational interdependence; Hotelling phenomena; general equilibrium; uncertainty; maximizing Vs. satisfying.

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 – regional and inter-regional input – output analysis; attraction model; Gravity model; Shift Share analysis; Impact studies.

Regional Policy : –

People prosperity versus place prosperity; formulation of inter-regional objectives; consistency between national and regional objectives; alternative regional policy measures; Historical evidence.- Micro Level Planning, Integrated Area Level Planning.

Inter Regional Disparities in India: –

Regional differentials in India's development – Agriculture, Industry, Physical Infrastructure, social sector.- Regional Income and Problems of Estimation - Regional Policy in India, A Case Study of Telangana Region.

Books and References:

1. Chand, M& V.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. Isard, W. Methods of Regional Analysis, MIT Press, Cambridge
4. Richardson, H.W. Regional Economics, Weidenfield and Nicolson, London
5. Dholakia, R.H. Regional Disparity in Economic Growth in India, HPH, Bombay
6. Friedman, J & W. Alonso (Eds), Regional Policy Readings in Theory & Application, MIT Press
7. Rao, H. Regional Disparities & Development in India, Ashish Publishing House, New Delhi
8. Richardson, H.W. Input – Output and Regional Economics, John Wiley, New York
9. Seth, V.K. Industrialization in India; A Spatial Perspective, Commonwealth Publishers, New Delhi
10. Siebert, H. Regional Economic Growth; Theory & Policy, International Textbook Company, Scranton

Paper – II (Optional)

(v) Economic Anthropology and Tribal Studies

Unit-I: Concepts and Contributions on old and New Economic Anthropology – The Formalist alight – Substantives debate Terms, Definitions – Disembodied Economy Vs Embedded Economy – Gift Economy - Moral Economy – Self sufficient Reciprocity, Redistribution and Exchange Economies / Subsistence Economics – Market Economics – Pre-modern Economics

Unit-II: Tribal Indigenous / Communities, Tribal Integrations and disintegration Forests Rights, Common property resources, Land alienation, displacement, Indebtedness- Migratory trends – Problems of Conservation of National Capital and protection of Indigenous Communities – Ecological Crisis and Globalization impact on indigenous communities.

Unit-III: Pre-Colonialism Colonialism and Neo-Colonialism and its impact on Indigenous – Communities and their movements’ uprisings and revolts.

Unit-IV: Economic Liberalism and Non-Economic Liberalism and Role of NGO, GO and International Organization and its impact on their program’s, Policies and Constraints for the future of indigenous Communities

Books and References:

1. STURT PLATLNER – The Origin of the Economy
 2. Richard Wilk 1996 – Economics and Culture ,Economic Anthropology
A Comparative Study of Distribution in Primitive and Peasant Economics
 3. Frederic L Pryer: New Directions in Political Economy, An approach from Anthropology
 4. Madeline Barbara Leoms France Rothstein
 5. Theories and the study of Economic Anthropology
 6. Marginal David Sahlins
 7. Hand book of Economic Anthropology
 8. Raymond Firth “Themes in Economic Anthropology
 9. Platters introduction Anthropology; Beneria Conceptualizing the Labour force
 10. KARL POLANYI “The great Transformation (1944).
 11. MALINOWSKI ‘KULA’, TROBRIAND ISLANDERS or “The Primitive
Economics of the Trobriand Islanders”
 12. MAYHECO, ANNE (1987)
 - 13 .SHAHLINS: Subsistence Affluence”
 14. G.Dalton – “Economic Theory and Anthropology”
 15. WARSH-2006 “Knowledge and Wealth of Nations
 16. Gypsies – “ Argus Fraser” – London
 17. Palgrave - Economics Dictionary
 18. Cambridge – Dictionary
 19. Mead, Management (1954) Primitive and Peasant Economic
 20. Dictionary of Political Economic –Progressive Pxen
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