

Semester – 1
Paper (Course) – 105
Agricultural Economics (Inter Disciplinary Paper)

PREMBLE:

The Objective of the course is to familiarize student with policy issue that are relevant to Indian Agricultural Economics and enable them to analyze the issues. Using basic micro economic concepts.

Unit -1 Agricultural and Economic Development :-

Nature and scope of Agricultural and Rural Economics, Traditional agriculture and its Modernization Role of agriculture in economic development, Interdependence between agricultural and Industry, Role of agricultural in Economic development.

Unit -2 Land use Policy and Social Infrastructure:-

Land Use Policy, Land distribution- Problems of small and marginal farmers. Rural Social infrastructure –Land, water, Energy, education and health.

Unit -3 Agricultural Production and Productivity:-

Concept of Production Function – Law of diminishing return and its importance in Decision Making, cobweb theorem –prices and output relationship –Long term trends in production and productivity , Causes of Low productivity.

Unit -4 Agricultural Growth in India:-

Agricultural policy in India, New strategy of Agricultural Development- Green revolution Application of new technologies –Hvv Chemical fertilizer. Irrigation PPM and far mechanization Labour absorption –Sustainable agriculture and future challenges.

Basic Reading List :-

1. Misara & Puri, “Indian Economy” Himalaya Publishing House, New Delhi.
2. Tripathi G.D., “Research in Agricultural & Rural Development, Mark Publication, Jaipur.
3. Blgrami, S.A.R. (1996) ,Agriculture Economics, Himalaya Publishing House, Delhi.
4. Dantwala M,L. et. al. (1991), Indian Agricultural Development since independence, Oxfod & IBH, New Delhi.
5. Bhaduri, A. (1984), The Economic Structure of Backward Agriculture, Macmillan, Delhi.
6. Govt. of India, Economic Survey (annual) , New Delhi.
7. Govt. of India, 1976., Report of the National Commission on Agriculture, New Delhi.
8. Gulati A,& T. Kelly (1999) , Trade, liberalization and Indian Agriculture, Oxford University Press, New Delhi.
9. Joshi P.C. (1975), Land Reforms in India, Trends & Prospects, Allied Publishers, New Delhi.
10. Kahlo A.S. and Tyagi, D.S. (1983), Agricultural Price Policy in India, Allied Publishers, New Delhi.
11. Rao C.H. Hanymantha (1975), Agricultural growth, Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.

Semester -2
Paper (Course) - 205
Industrial Economics (Inter Disciplinary Paper)

PREAMBLE: -

In the contemporary world with globalization and liberalization more and more attention is being given to industry. This course intends to provide knowledge to the students on the basic issues such as productivity, efficiency, capacity utilization and debates involved in the industrial development of India. The objective is to provide a thorough knowledge about the economics of industry in a cogent and analytical manner, particularly in the Indian context.

Unit-1: Framework and Problems of Industrial Economics. Concept and Organization of a Firm, Control and Objective of the firm. Market Structure. Sellers Concentration, Product differentiation, Economics of Scale, Innovations, Theory of Industrial Location- Weber and Sergeant Florence, Factors affecting Location.

Unit-2 :Industrial Growth and Pattern –Classification of Industries, Industrial Policy – Role of Public and Private Sector, MNCs and transfer of technology, Liberalization and Privatization, Industrial Economic Concentration and remedial measures. Issues in environmental Preservation ,Pollution Control policy.

Unit-3 : Industrial Finance- Components of funds, Role, Nature, Volume and types of Industrial Finance---IDBI, IFCI, SFCS, SIDC, ICICI, Commercial Banks.

Unit-4: Current Problems of Selected Industries- Iron and Steel, Cotton—Textile, Jute, Sugar, Coal, Cement, Engineering Goods, Chemical and Pharmaceutical Industries, Development of small Scale and Cottage Industries in India.

Basic Reading :

- Aahluwalia, I. J., Industrial Growth in India, Oxford University, New Delhi.
- Barthwal, R. R., Industrial Economics, Wiley Eastern Ltd., New Delhi.
- Cherunilam, F., Industrial Economics: Indian Perspective, Himalaya Publishing House, Mumbai.
- Desai, Industrial Economy in India, Himalaya Publishing House, New Delhi.
- Divine, P. J. and Jones, R. M. et. al. , An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
- 6. Misra & Puri, “Indian Economy” Himalaya Publishing House, New Delhi.

Semester -3
Paper (Course) - 305
Research Methodology (Inter Disciplinary Paper)

Preamble:

The Main objective of this paper is to train students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem. The emphasis of this paper is on understanding economic concepts with the help of mathematical methods rather than learning mathematical it self.

- Unit-1: Index Number
Meaning, uses & limitations of index number, construction of index number, price index number, consumer price index number. Laspeyere's Paasche's and Fisher's index number ,Time reversal Test, Factor reversal Test.
- Unit-2 : Testing of Hypothesis
Type-I & II errors, testing of Means, Proportions, equality of population means correlation coefficient, T-Test, F-Test, Chi-Test.
- Unit-3 : Input-Output Analysis and Game Theory
Assumptions, The technological coefficient matrix, closed and open input-output model, equation solution. Basic concepts of game theory, payoff matrix, Zero Sum Game, Maximin and Minimax principle, saddle point, mixed strategy, principle of dominance.
- Unit-4 Time series Analysis
Meaning, Analysis of time series, Components of time series, determination of trend by graphical, moving average and least squares methods. Determination of seasonal variations.

Basic Reading:

1. Sadhu & Singh, Research Methodology in Social Science, Himalaya Publishing House, New Delhi.
2. Mehta-Madnani, Mathematics for Economics, Sultan Chand & sons, New-Delhi
3. R.S.Bhardwaj, Business Statistics, Excel Books, New-Delhi.
4. Das M.N. , Statistical Methods and Concepts,New Age International, Delhi.
5. Gupta, S.P.,statistical methods, S. Chand and Co., Delhi.
6. Kalimantan, K.P., Applied Econometrics, Oxford & IBH. Delhi.
7. Mehta, B.C. and Mehta, A.C. ,Fundamental Econometrics, Himalaya Publishing house, Bombay.
8. Simpson, G and Kafka, fritz. , Basic Statistics, Delhi.
9. Srivastava, U.K. at all. , Quantitative Techniques for Managerial Decision, New Age International, Delhi.

Semester - 4
Paper (Course) - 405
Indian Economic Policies (Inter Disciplinary Paper)

Preamble:

The objectives of this paper at the Post-Graduate would to sharpen and analytical ability of the students and functioning of Indian Economy with various policies with alternative approaches for further growth. This means that P.G.Students need to be aware about the planning period in India

Unit :- 1. Planning In India

Objectives and Strategy of planning, A critical evaluation, Current Five plan.

Unit :- 2. Infrastructure

Infrastructure and Economic Development, Importance (role) of Infrastructure Development, Railways- road, Energy, Social Infrastructure – Education and Health –issues and policies.

Unit :- 3. Poverty, Unemployment and Inequality.

Poverty – meaning, causes, Government policy for poverty removal.

Unemployment - meaning, causes, Government's policy. Educated Unemployment – Magnitude, causes, Remedial measures by government.

Inequity - meaning causes.

Unit :- 4. Inflation and Parallel Economy.

Inflation - meaning, causes, Effects, Suggestion and measures taken by government to control inflation.

Parallel Economy (Black Money) – meaning, Impact on black money, measures taken by government to control black Money.

Need for good governance, Less government and more government - meaning, Importance.

Basic Readings:

1. Misara & Puri, "Indian Economy" Himalaya Publishing House, New Delhi.
2. Kindle Berger, "C.P. Economic Decelopment" Mc. Grow.Hill. New York.
3. Chakrawarti, S. "Alternative Approaches to the theory of Economic Growth", Oxford University Press, New Delhi.
4. Meir, G,M. "Leading Issues in Economic Development" Oxford University Press, New Delhi.
5. Gove.of India-planning commission, various Five years plan document, New Delhi.
6. Gove. Of India, "Economic surveys", Oxford University. Press, Delhi.
7. Agrawal A.N., "Indian Economy" New Age International Publishers, New Delhi.
8. Datta & Sundharam, "Indian Economy" S. Chand and Co., New Delhi.