

MAGADH UNIVERSITY

BODH-GAYA



COURSES OF STUDY
FOR
B. A. (Pass/Hons Course)
Part I, II and III
1999 onwards
in
ECONOMICS

Price Rs.10/-

Magadh University, Bodh-Gaya

COURSES OF STUDY

FOR THE

B. A. (Pass/Hons Course) Part I, II and III

EXAMINATION 1998 Onwards

IN

(ECONOMICS HONS.)

MICRO ECONOMICS

PAPER—I

100 Marks.

- 1 Nature and scope of Economics, Micro and Macro Economics, Static and Dynamic Economics.**
- 2 Micro-theory of consumption utility analysis Indifference curve analysis, Elasticity Demand.**
- 3 Concepts of cost and Revenue, Analysis of cost curves and Revenue curves.**
- 4 Production Function—Laws of Return, isoquants.**
- 5 Theory of price—Price determination under perfect competition, Monopoly and Monopolistic competition.**
- 6 Distribution—Marginal productivity, Theory of Distribution, Rent—The Ricardian and Modern theories ;**

Wages—The demand and supply theory of wages ;
Wage determination under Collective Bargaining ;
Interest—The classical and liquidity preference theory
of interest; **Profit**—Knight's and Schumpeter's Theory
of Profit.

Books Recommended :—

- | | | |
|----|-------------------|-------------------------------------|
| 1 | M. L. Sethi | Micro Economics. |
| 2 | Stonier & Hague | A Test Book of Economics Theory. |
| 3 | Samuelson | Economics. |
| 4 | Stigler | The Theory of price. |
| 5 | Boulding | Economic Analysis. |
| 6 | H. L. Ahuja | Advanced Economic Theory. |
| 7 | L. M. Roy | Arthasashtra ka Siddhant. |
| 8 | Koutsoyiannis | Modern Micro Economics. |
| 9 | V. C. Sinha | Uchttar Arthik Siddhant. |
| 10 | Shiva Kumar Singh | Mulya ka Siddhant. |
| 11 | L. M. Roy | माइक्रो अर्थशास्त्र |

PAPER—II

MICRO ECONOMICS

- 1 **Money**-Role of money in the economics system; Value of money; Transaction and cash-balance approach of the Quantity, Theory of Money; Income and Expenditure approach; inflationary gap, methods to control inflation; Objectives of monetary policy.

- 2 National income; The theory of income determination; Keynesin theory of effective demand, Consumption Function; Multiplier. Liquidity function, Investment function.
- 3 Banking—Principles of Commercial Banking, Credit creation Functions of Central Bank; Methods of Credit Control.
- 4 International Monetary System—Gold Standard, I. M. F., I. B. R., D. I. F. C. & I. D. A.
- 5 International Trade—Role of International Trade in Economic development; Ricardian theory and Heckscher oblin formulation-Gains from International trade; Balance of payments and methods of correcting adverse balance of payment.

Books Recommended :

- 1 Crowther —An Outline of Money.
- 2 Chandler —An Introduction to Monetary Theory.
- 3 A. H. Hansen —Monetary Theory and Fiscal Policy.
- 4 K. Kurihar —Monetary Theory and public policy
- 5 R. N. Tripathi —Mudra Parichaya.
- 6 V. C. Sinha —Maudrik Arthshashtra.
- 7 L. M. Roy —Mudra Avam Maudrik Sans-thanyan.

(4)

- 8 Shridhar Pandey —Mudra Aur Maudrik Sanstha-
ayen.
- 9 Shridhar Pandey —Anterrastriya Vyapar Avam
Artha Vyabastha.
- 10 T. T. Sethi — Macro Arthashastra.
- 11 T. T. Sethi —Mudra Avam Banking.
- 12 Barla & Agrawal —Anterrastriya Arthashastra.
- 13 C. M. Seth —Uchcha Maudrik Arthashastra
- 14 C. M. Vaishya —Mudrik Arthashastra
- 15 De Cock —Central Banking.
- 16 P. T. Ellaworth —International Economics.
- 17 S. K. Srivastava —International Economics.
- 18 S. K. Singh —Monetary Economics-Theory
& Policy.

PASS COURSE

MICRO ECONOMICS

PAPER—I

100 Marks

- 1 Nature and scope of Economics, Economic Laws, Micro and Macro Economics.
- 2 Utility analysis and Indifference curve analysis of Consumer's behaviour, Law of demand, Elasticity of demand; Consumer's surplus.

- 3 **Laws of return, Theories of population.**
- 4 **Concepts of cost and Revenue, Analysis of Cost curves and Revenue.**
- 5 **Value determination under perfect competition, Monopoly and Discriminating Monopoly.**
- 6 **Marginal productivity Theory of Distribution. Rent-Ricardian and Modern theories of rent. Wages-Demand and supply theory of wages, wage determination under Collective Bargaining.**

Interest-Classical and liquidity Preference theory of interest.

Profit—Nature of Profit-Knight's and Schumpeter's Theory of Profit.

Books Recommended :—

- | | | |
|---|--------------------------------|--|
| 1 | Stigler | Theory of Price. |
| 2 | D. S. Watson | Price Theory and uses. |
| 3 | Koutsoyiannis | Modern Micro Economics. |
| 4 | L. M. Roy | Micro Arthashastra. |
| 5 | Stonier & Hague | A Text book of Economic Theory. |
| 6 | डा० देवेन्द्र प्र० सिंह | माइक्रो अर्थशास्त्र |

SUBSIDIARY COURSE

PAPER—I

ECONOMIC THEORY

- 1 **Micro and Macro Economics**
- 2 **Utility Analysis : Law of Demand, Elasticity and Consumer's Surplus.**
- 3 **Laws of Returns—Theories of population. Cost Analysis.**
- 4 **Value under perfect Competition and Monopoly.**
- 5 **National Income, Social Accounting and Marginal productivity, Theory of distribution.**
- 6 **Rent, Interest, wages and Profit.**
- 7 **Role of Money in planned Economy.**
- 8 **Quantity theory of Money and Savings Investment theory.**
- 9 **Inflation—Effects, Causes and Remedies.**
- 10 **Functions of Commercial and Central Banks.**
- 11 **I. M. F. and world Bank—Objectives and working**
- 12 **Principles of Taxation—Benefit, Principles and Ability to pay theories.**
- 13 **Growth of Public Expenditure Causes and Effects.**
- 14 **Comparative cost theory of International Trade.**
- 15 **Gains from International Trade.**
- 16 **Free Trades and Protection.**

PASS COURSE ECONOMICS

PART-- II

PAPER - II

MICRO ECONOMICS—100 Marks

- 1 Nature and significance of Macro Economics, National Income accounting.
- 2 Money—Role of Money in planned and unplanned economy, Value of money, Index Number, Quantity Theory of Money, Saving and Investment Theory, Inflation—Causes, effects and methods to control inflation, Objectives of monetary policy.
- 3 Banking—Unit versus Branch banking. Credit creation, Distribution of assets, Function of Central Bank, Methods of Credit Control, Indian Money Market.
- 4 I. M. F. and I. B. R. D.—their objectives and Working.
- 5 International Trade—Comparative Cost Theory of International Trade, Gains from International Trade, Balance of Payments and methods of correcting adverse balance of payments.
- 6 Free Trade and protection.

Books Recommended :—

- | | | |
|---|--------------|---|
| 1 | Crowther | An Outline of Money |
| 2 | R. S. Sayers | Modern Banking |
| 3 | A. H. Hansen | Monetary theory & Fiscal Policy Macro. |

- | | | |
|---|----------------|-----------------------------|
| 4 | L. M. Roy | Macro Arthashastra |
| 5 | L. M. Roy | Mudra Avam Maudrik Sansthan |
| 6 | De Cock | Central Banking |
| 7 | Ellsworth | International Trade |
| 8 | L. N. Tripathy | Mudra Ka Parichay |

IInd YEAR HONOURS

PAPER—III

**ECONOMIC PROBLEMS OF INDIA SINCE
INDEPENDENCE**

- 1 **Basic characteristics of the Indian Economy, India's National Income and trends in its growth.**
- 2 **Size and growth of population, Population policy and programmes.**
- 3 **Agriculture-Role of agriculture in economic development; Productivity trends; instability in production and its impact on food supply Green Revolution.**
- 4 **Land Reforms, The need for Reform, Abolition of intermediaries, Ceiling on land holding, the size of land holding and productivity, Cooperative and Collective farming.**
- 5 **Credit; Sources of Credit, Co-operative Credit system Land Development Banks Nationalised Commercial Banks, Lead Bank Scheme, Rural Bank, NABARD.**
- 6 **Agriculture Labour; Wage and Living conditions, Minimum Wage Legislation and its implementation.**

- 7 Industries : Industrial Policy Since 1956, 1977 and 1980, Role of Public Sector in India's Economic Development, Large industries Iron, & Steel. Sugar, Cotton Textile and Cement.
- 8 Small Scale Industries, their role in economic development, Problem of small scale and cottage industries, Small scale industries under Five Year Plans.
- 9 Industrial Finance, Sources of Finance, Working and performance of IFC, SFC & IDBI.
- 10 Industrial Labour, Trade Union Movement in India, Labour Welfare and Social Security Measure.
- 11 Foreign Trade : Trends, composition and direction of India's foreign trade.
- 12 Transport : Role of transport in economic development, Rail & Road under five Year Plans.
- 13 Unemployment : Nature and volume, Employment programmes under the Five Year Plans, N. R. E. P.
- 14 Price trends in India since 1951.
- 15 Planning in India-Seventh Five Year Plan—Objectives, Strategy, Priorities and Financial Resources—poverty alleviation programmes under 7th five year Plan

Books Recommended :—

- 1 Rudra Dutt & - Indian Economy (latest edition)
Sundaram.

- 2 Nanavati & Anjaria—Indian Rural Problems (latest edition).
- 3 Jather & Bari —Indian Economics
- 4 Alok Ghosh — Indian Economics (latest edition).
- 5 Singh, Devdatt —Indian Economics (latest edition).
& Verma.
- 6 Planning Commission 9—Sixth & Seventh Five Year.
- 7 A. N. Agrawal—Indian Economics (Hindi, Latest edition).
- 8 Srikant Mishra—Bhartiya Artha vyavasth Aur Uska Vikas (Hind.)
- 9 Rath & Dandekar—Poverty in India.
- 10 Kuchhal —Industrial Economics of India.
- 11 Dr. C. D. Singh —Bharat Ki Samasyan.
& Sharma
- 12 P. C. Jha — Indian Economic Problems (English)
- 13 S. P. Sinha —Indian Agriculture and its Fluctuating Fortunes
- 14 G. C. Jangir —Indian Economics.
- 15 Sridhar Pandey—भारतीय अर्थव्यवस्था : प्रकृति एवं समस्याएँ ।
- 16 L. M. Roy —भारतीय अर्थशास्त्र ।
- 17 डा० देवेन्द्र प्र० सिंह—भारत की आर्थिक समस्याएँ ।
- 18 P N. Singh —Glimses of Planning in India.

PAPER—IV

PUBLIC ECONOMICS— 100 Marks

Nature of public Economics.

Public Finance—Principles of Maximum Social Advantages.

Cost and Benefit theory of Taxation. Ability to pay principle-Taxable capacity, Incidence and effects of taxation.

Types of taxes : Direct and indirect taxes, proportional and progressive taxes.

Public Expenditure—Growth of public expenditure, Effects of public expenditure.

Public Debt : Types of public debt, Burden and different forms of debt repayment.

Principles of federal finance

Public Enterprises : Objectives of public enterprises, Types of public enterprises Forms of management, Price policy of public enterprises. Profitability and accountability of public enterprises Growth of public Sector in India since 1948 Performance of Public Enterprises in India.

Unemployment and full employment in India.

Books recommended :—

- 1 Dalton —Public Finance.
- 2 U. N. Hicks —Public Finance,
- 3 Prest —Public Finance.
- 4 Musgrave —Public Finance in Theory and Practice.
- 5 Talyer —Public Finance.
- 6 Dr. S. K. Sing' —Public Finance in Developed and Developing Countries.
- 7 L. M. Roy —राजस्व के सिद्धान्त ।
- 8 Dr. T. N. Hajela—Rajkiya Arthashastra.
- 9 Dr. Vishnu Nagar—Sarbjanik Vitta.
- 10 Dr. H. N. P. S. Suman—Rajashwa Ke Sidhant.
- 11 Shiv Balak Singh—Lok Arthashastra (Bihar Hindi Granth Acadami, Patna.)
- 12 Robson —Public Enterprises.
- 13 Robson —Problems of Nationalised Industries.
- 14 Om Prakash —Theory and working of State Corporation.

- 15 L. M. Roy —सर्वजनिक अर्थशास्त्र ।
- 16 B. N. Tripathi —Bharat Me Lok Udhya:
- 17 Kunar Ramchandra—Lok Udhyaog.
Pd. Singh
- 18 Birshwar Ganguli—The Economics of Public Enterprise.

IIInd Year Subsidiary

PAPER—II

PLANNING AND THE INDIAN ECONOMY

- 1 Planning Need and objectives
- 2 Types of Planning—Capitalistic, Socialistic and Mixed Economy Planning by Inducement and Direction.
- 3 Characteristics of Indian Economy—Poverty and Unemployment and their Eradication.
- 4 Population—Size and Growth, Population Policy.
- 5 Natural Resources—Forest Policy, Energy Policy.
- 6 Agricultural—Causes of backwardness of Agriculture.
- 7 Land Reform—Ceilings on Holdings Consolidation of Holdings, Co-operative Farming.
- 8 Agriculture Credit, Co-operatives. Commercial Banks, Rural Banks, NABARD.

- 9 New Strategy of Agricultural Development. Green Revolution.
- 10 Industrial Policy since 1956, 1977, 1980.
- 11 Large Scale Industries—Iron & Steel, Cement, Sugar and Cotton,
- 12 Small Scale Industries—Importance and Problems.
- 13 Foreign Trade of India—Nature and Composition.
- 14 Indias Five Year Plans with special reference to the Seventh five Year Plan,

PAPER—I

Books Recommended :—

- 1 Stigler ; Theory of Price
- 2 L. M. Roy : Micro Arthashastra
- 3 L. M Roy : Micro Arthashastra
- 4 Boulding ; Economic Analysis
- 5 Crowther : An Outline of Money
- 6 वरला एवं अग्रवाकः अन्तर राष्ट्रीय व्यापार
- 7 श्रीधर पाण्डेय : अन्तर राष्ट्रीय व्यापार
- 8 T. N. Grawal : राजस्व के सिद्धान्त

- 9 एल० एम० राय : राजस्व के सिद्धान्त
10 H. L. Bhatia : Public Finance
11 Dalton : Public Finance.

PAPER—II

Books Recommended :

- 1 Lewis : Principles of Planning
2 Alok Ghosh : Indian Economy
3 L. M. Roy : आर्थिक नियोजन एवं भारतीय अर्थ-
व्यवस्था ।
4 Rudra Dutt & Sundaram : Indian Economy
5 SEVENTH FIVE YEAR PLAN
6 D. D. Guru & Ahsan : Energy and Economic Develop-
ment.
7 S. P. Sinha : Indian Agriculture and Its Fluctu-
ating Fortunes.
8 A. N. Agrawal : Indian Economics
9 D. D. Guru : Strategy of Agricultural Deve-
lopment.

GENERAL PASS COURSE (Economics)

PAPER—III

ECONOMIC PROBLEMS OF INDIA

- 1 Basic characteristics of Indian Economy.
- 2 Poverty and its eradication—Twenty Point Programme, Population policy and Programme.
- 3 Natural Resources—Forest Policy and Energy Policy.
- 4 Role of Agriculture and Economic Development.
- 5 Land Reforms Measures, Land Ceiling, Consolidation of Holding.
- 6 Agricultural Credit—Different sources.
- 7 New Strategy of Agricultural Development, Green Revolution
- 8 Agricultural development under Five Year Plans.
- 9 Industrial Policy since 1956, 1977 & 1980
- 10 Small Scale Industries—Importance & Problems, Small Scale and Cottage Industries, under Five Year Plans, Growth and problems of some Large Scale Industries—Iron Steel, Cotton, Cement, Sugar
- 11 Industrial Finance IFC, IDBI
- 12 Foreign Trade—Direction and Composition of India's Foreign Trade

13 Unemployment—Nature, Problem and Employment Programmes.

Books Recommended :—

- 1 Rudra Dutt & Sundaram. : Indian Economy.
- 2 L. M. Roy : Bhartiya Arthashastra.
- 3 Nathuramka : Bhartiya Arthashastra.
- 4 A. N. Agrawal : Indian Economics.
- 5 Alok Ghosh : Indian Economics.
- 6 D D. Guru & Ahsan. : Energy and Economic Development.
- 7 S. P. Sinha : Indian Agriculture and Its Fluctuating Fortunes.
- 8 D. D. Gure : Strategy of Agricultural Development.
- 9 डा० देवेन्द्र प्रसाद सिन्हा : भारत की आर्थिक समस्याएँ ।

**SYLLABUS FOR THREE YEAR DEGREE HONOURS
(ECONOMICS)**

PAPER—V

Principles of Economic Growth And Planning 100 marks.

- 1 Meaning and measurement of Economic growth.

- 2 Factors of Economic Growth—Economic and non-economic factors.
- 3 Characteristics of underdeveloped economics, Role of State in economic growth.
- 4 Capital formation and economic growth,
- 5 Foreign capital and economic growth.
- 6 Population and economic growth.
- 7 Technology and economic growth.
- 8 Stages of economic growth.
- 9 Planning :—Need for planning, Objectives of planning, Types of planning : Planning by Inducement and Planning by Direction: Physical & Financial Planning; Capitalistic and Socialistic Planning.
- 10 Planning in India :—Strategy and Technology of Indian planning, Planning processes in India-India's Planning Commission, National Development Council, Decentralised Planning.

Books recommended : —

- 1 W. A. Lewis . —Theory of Economic Growth.
- 2 W. W. Rostow —Stages of Economic Growth.
- 3 R. Nurkse —Problem of Capital Formation in Under developed Countries.
- 4 L. M. Roy —आर्थिक विकास एवं नियोजन ।

- 5 B. Higgins —Economic Developmet.
- 6 Mier & Baldwin —Economic Development.
- 7 Dubey & Sinha —Arthik Vikas.
- 8 M W. Hanif —Arthik Vikas Ke Sidhdhant
(Macmillan)
- 9 Amarnath Agrawal —Arthik Ayojan Ke Sidhdhant
Kundanlal (Macmillan)
- 10 M L. Jhingan —Economics of Development and
Planning (English & Hindi)
- 11 R. B. Singh & P. N. Singh —Studies in Economic Planning
- 12 A. K. Jain —Planning in India.

ECONOMICS

PAPER—VI

Economic Development of U K. U.S.A. U.S.S.R. and Japan

U. K

Industrial Revolution - Causes and Consequences,
Agricultural Revolution, History of Agriculture since 1850,
Commercial Revolution, Decline of Economic power of
Great Britain.

U. S. A.

American Economy since 1914, Great Depression and New Deal. American Agriculture since 1914, American Industry since 1914, Tariff policy since 1914.

U. S. S. R.

State Capitalism, War Communism, New Economic Policy, Scissor's crisis, Collectivisation of Agriculture, Industrial development during post-war period- Tenth and Eleventh Five Year Plans of U. S. S. R.

JAPAN

Meiji Restoration—Industrial development and foreign trade since 1914 Economic recovery of Japan after the 2nd World war-Small Scale Industries in Japan.

Books recommended :—

- 1 Knowles —The Industrial and Commercial Revolution in Great Britain during the Nineteenth Century.
- 2 M. Dobb —Economic Development of USSR since 1917.
- 3 L. M. Roy —महान राष्ट्रों का आर्थिक विकास
- 4 Sridhar Pandey —Mahan Desho Ka Arthic Vikas (Motilal Banarsi das)

- 5 Memoria, Sahay —England Avam Rus Ka Arthic
Avam Kulshresth Itihas.
- 6 G. C Allen —A Short Economic History of
Modern Japan.
- 7 Folkner —Economic History of U. S. A.
- 8 Allen —Economic History of Japan.

Three Year Degree Honours (Economics)

PAPER—VII

STATISTICS

This paper will be of 100 marks and there will be no group or field work,

Chapters —

- 1 Definition and scope of statistics.
- 2 Measures of Central Tendency—Mean, Median and Mode.
- 3 Measures of Dispersion — Mean Deviation and standard Deviation.
- 4 Census and Sample Methods of Investigation.
- 5 Primary and Secondary Data.
- 6 Index Number.

- 7 Simple Correlation and Analysis.
- 8 Statistical Organisation in India.
- 9 National Income Statistics in India.
- 10 Census Reports of Government of India.
- 11 National Sample Survey Reports.

Books Recommended :—

- 1 D. N. Elhance Fundamentals of Statistics.
- 2 B. N. Gupta Statistics
- 3 B. N. Gupta सांख्यिकी
- 4 L. M. Roy प्रारंभिक सांख्यिकी

PAPER -- VIII

In this paper following will be the optional papers.
Students will have to opt one of the following papers.

- 1 Labour Economics.
- 2 Agricultural Economics.
- 3 Business Organisation and Industrial Economics
- 4 Mathematical Economics and Statistics.

1 LABOUR ECONOMICS

Nature and scope of Labour Economics. Labour Market, Characteristics and peculiarities of Labour, Migration, recruitment and working condition of Indian Labour. Market, nature, demand and supply of labour; wage

determination : Collective bargaining, Trade Unionism-
nature and function and their role in economic develop-
ment with referencs to India.

Labour welfare measures in India, Social Security in India
Industrial Disputes—measures for promoting industrial
peace, Conciliation, Arbitration and worker's participation
in Management.

Books Recommended :—

- | | | |
|---|---|--|
| 1 | R. Lester | Economics of Labour. |
| 2 | Reynolds | Labour Economics and Labour Relations, |
| 3 | V. V. Giri | Labour Problems in Indian Industry. |
| 4 | R. C. Saxena | Labour Problems and Social Welfare in India. |
| 5 | T. N. Bhagoliwal | Economics of Labour and Social Welfare (English & Hindi). |
| 6 | Mahesh Chandra Chaturvedi & Mithilesh Chandra Chaturvedi. | Shram Arthsastra Avam Shram Samasyen |

2 AGRICULTURAL ECONOMICS

- 1 Nature and scope of Agricultural Economics—
Role of agriculture in developing economy—Land use

Pattern-Land Reforms-Types of Farming (Peasant Proprietorship, capitalist, Co-operative and Collective) Farm Management Practices.

2 **Agricultural Finance—Role of institutional financing in agricultural development (with special reference to India.)**

3 **Marketing Structure and marketing agencies—The problem of marketable surplus and the problem of price abroad-Market regulations.**

4 **Farm productivity—Factors affecting productivity, Technology and productivity, Instability in farm productivity, Measure for stabilization of agricultural productivity.**

5 **Agricultural prices—annual, seasonal, regional and cyclical variation in prices, price instability and income instability Measures of price and income stabilization.**

6 **Role of State in agricultural development—New Strategy of agricultural development-Agricultural Development Programmes in India.**

Books Recommended ;—

- 1 **D. M. Chauhan Agricultural Economics.**
- 2 **C. B. Mamoria Agricultural Problems of India.**
- 3 **S. P. Sinha Indian Agriculture —and its Fluctuating Fortunes.**

- 4 L. M. Roy भारतीय कृषि समस्याएँ एवं सम्भावनाएँ ।
- 5 B. N. Verma Trends in Agricultural Prices
- 6 Reports of the Royal Commission on Agriculture in India.
- 7 R. B. I.—Rural Credit Survey, Vol. I—III, 1954
- 8 Report of the National Commission on Agriculture in India.
- 9 Sri Kant Mishra Bharat Me Krishi Vikas
(Macmillan)
- 10 L. S. Singh Agricultural Price Policy and Stabilization Measures in India.
- 11 D. D. Guru Agricultural (Development.)

3 Business Organisation and Industrial Economics.

Principles of Modern Industry-Division of Labour, Standardisation, Scientific Management, Rationalisation, Integration and Combination-Horizontal and Vertical-Factors governing the size of Business Unit Concept of Optimum Firm, Combinations, Factors leading to combinations-Trusts, Cartels, Syndicates, Holding Companies, Multi-national, Organisation of Marketing and Role of Merchant, Forms of Business Organisation, Industrial

Ownership Partnership and Joint Stock Companies, Managing Agency System. Location of industries, Monopoly-Causes of growth and effects, Control of Monopoly.

Institutional study of Capitalism and Socialism: Their features-Evils of capitalism, Allocation of resources under Capitalism and Socialism-Problem of incentive-workers' Control and Joint Control, Inequality of income.

Industrial Organisation in India key industries, Development of important industries during the plan period Industries in the private, public and joint sectors, The Structure of public enterprises in India-Management of industries-Industrial finance in India. State Policy towards industries in India

Books Recommended :—

- 1 D. H. Robertson —The Control of Industry
(English & Hindi)
- 2 L. M. Roy —औद्योगिक संगठन
- 3 Kuchhal —Industrial Economy in India.
- 4 M. C. Shukla —Business Organisation and
Management.
- 5 P. S. Loknathan —Industrial Organisation in
India.
- 6 C. B. Mamoria —Organisation and Financing of
Industries in India.

4 **Mathematical Economics & Statistics.**

Equation, Function, Limit, Differential co-efficient, Determinant, Matrix, Elasticity of Demand and Supply, Price theory and mathematical analysis, Definition and scope of Statistics, Classification and Tabulation of data, Diagrammatic and Graphic representation of data. Measures of Central Tendency, Mean, Median, Mode, Harmonic Mean and Geometric Mean, Measures of Dispersion, Range, Mean Deviation and Standard Deviation, Analysis of Time Series, Correlation. Regression. Index Numbers. Interpolation and extrapolation.

Books Recommended :—

- 1 R. G. D. Allen **Statistics for Economists.**
- 2 D. N. Ellwance **Fundamentals of Statistics.**
- 3 A. L. Nagar & **Basic Statistics.**
R. K. Das
- 4 B. N. Gupta **Statistics.**
- 5 S. P. Singh **Principles of Statistics.**
- 6 Gupta & Kapoor **Statistics**
- 7 Mehta & Madhani **Mathematical Economics and
Econometrics.**

- | | | |
|----|----------------|---------------------------------------|
| 8 | R. G. D. Allan | Mathematical Analysis for Economists. |
| 9 | D. N. Elhance | Sankhiyaki ke Mulbhoot Sindhant. |
| 10 | B. X. Gupta | सांख्यिकी |
| 11 | Toro Yamane | Statistics |
| 12 | Yule & Kendall | Statistical Method. |