

MASTER OF ARTS - ECONOMICS

OBJECTIVES:

The main Objectives of **Economics** Are:

- Make him/her alert and sharp about **Indian Economy**.
- To be able to understand the problem of **Economy**.
- To Develop students' cross-cultural awareness and Skill.
- Preparing him/her for National level Competitive examination.
- Making Research mind and approach.
- Complete knowledge about Indian **Economy**.

OUTCOMES:

Upon completion of Master of Arts (**Economics**) Students should be able to-

- Identify and define basic terms and concepts which are needed for advanced course in **Economics**.
- Analyze **Economic** behavior and determine the effects on society.
- Independent judgment, intercultural and regional Sensitivity global and national perspectives to solve problems concerning Humanities.
- Outline the scientific method used by eminent **Economists**.
- Integrate knowledge of Economic concepts.
- Explain Industrial revolution new mode of production and its effects on society.
- Develop information, interviewing and networking skills through reading handed out in class and an examination exercise.
- Be familiar with basic procedures of research.

ADVANCED ECONOMICS ANALYSIS – I

COURSE OBJECTIVES:-

- To provide the knowledge about to understand Micro economics problem.
- To provide the knowledge about consumer behavior regarding Market and Production units of the firm.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They will learn the various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.

Syllabus:

- Unit -1** **General Introduction-** General Introduction to Micro and Macro Economics, Positive and Normative Economics, Economics of Scarcity and Choice , Rational Behavior.
- Unit -2** **Ordinal and Cardinal approach of Utility-** Cardinal Utility The law of Diminishing Marginal Utility, The law of equi-marginal utility, and Ordinal Utility Indifference curves analysis, Price effect, Income Effect, & Substitution Effect. Indifference curve and Budget line, Utility Maximization Rule, Practical significance.
- Unit -3** **Demand and supply analysis -** Law of Demand & Supply Derivation of demand curve from Price Consumption curve, market demand, Changes in demand and supply and their quantity, Elasticity and their applications, Demand and consumer surplus.
- Unit -4** **Revealed Preference Theory-** Consumer choice under uncertainty Hessian revision of demand theory.
- Unit -5** **Production and Cost functions -** Law of Variable Proportions - Returns to scale production function of Multi-Product firm Producer's equilibrium - elasticity of substitution - Euler's theorem; Cobb- Douglas production function, Cost Functions Cost curves, Iso-cost curves, traditional and modern cost analysis.

COURSE OUTCOMES:-

- Students will be able to Understood Micro economics problem.
- They know about consumer behavior regarding Market and Production units of the firm.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They know about various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric

Text Books:

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|------------------------------------|---------------------------------------|--------------------------------------|
| • माइक्रो :अर्थशास्त्र
उ.प्र. | सेठ एम.एल. | लक्ष्मी नारायण पब्लिकेशन आगरा |
| • अर्थशास्त्र
उ.प्र. | महेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र: | साहित्य भवन पब्लिकेशन आगरा |
| • अर्थशास्त्र
उ.प्र. | सिन्हा वी.सी. तथा सिन्हा पुष्पा | साहित्य भवन पब्लिकेशन आगरा |
| • ADVANCE ECONOMIC THEORY
DELHI | AHUJA H.L. | S. CHAND PUBLICATION |
| • MICRO ECONOMICS | SETH M.L | LAXMI NARAYAN
PUBLICATION AGRA UP |

Reference Books :

- | | | |
|----------------------------|------------------------|--------------------------------------|
| • MICRO ECONOMICS
DELHI | JHINGAN M.L. | VRINDA PUBLICATION |
| • PRINCIPAL OF ECONOMICS | D.M. MITHANI | HIMALAYA PUBLISHING
HOUSE, MUMBAI |
| • अर्थशास्त्र
उ.प्र. | पंत जे.सी. एवं अग्रवाल | साहित्य भवन पब्लिकेशन आगरा |
| • उच्च अर्थिक विश्लेषण | अहुजा एम.एल. | एस.चांद पब्लिकेशन दिल्ली उ.प्र. |
| • वृष्टि अर्थशास्त्र | झिंगन एम.एल. | वृंदा पब्लिकेशन दिल्ली उ.प्र |

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QUANTITATIVE METHOD

COURSE OBJECTIVES:-

1. To provide an understanding of the basic concepts and methods of Statistics, for application in data analysis.
2. To provide statistical skill required for the analysis of socio-economic data.
3. To provide hands-on training in data analysis (along with computer applications)
4. Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

Syllabus:

Unit -1

Basic concept of Statistics- Definition, Importance & Scope of statistics, Measures of Central tendency Measures of dispersion and Skewness: Correlation Analysis: Correlation Coefficient, Methods of Computing simple correlation, concept of probable Error. Spearman's coefficient of Rank correlation

Unit-2

Regression Analysis: Concept, Regression lines, Finding Regression Co-efficient and equations. **Interpolation and Extrapolation-** Concept, Significance, Assumptions, Methods of Interpolation and Extrapolation.

Unit-3

Index Numbers: A Conceptual framework, uses, Types, Problems in construction of Index Numbers, The Chain Index Numbers, Base Shifting and Deflating the Index Numbers, Cost of Living Index Numbers.

Unit-4

Linear and Simultaneous Equations- Linear and Simultaneous Equations up to Three Variables and Its Application in Economics, Calculation of Equilibrium Prices, Impact of Tax and Subsidy on Demand and Supply Model Calculations of Factor Prices. Calculations of Macro Economic Variables.

Unit-5

Simple Differentiation- Simple Differentiation and Its Application in Economics, Calculation of Elasticity Coefficient. Marginal Cost and Marginal Revenue

COURSE OUTCOMES:-

1. Student will be able to understand the basic concepts and methods of Statistics, for application in data analysis.
2. They Develop the statistical skill required for the analysis of socio-economic data.
3. They know the hands-on training in data analysis (along with computer applications)
4. They know and Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

Text Books:

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| • quantitative Techniques
Publication. Agra | Sukla S.M and Sahai S.P: | Sahitya | Bhavan |
| • Statistics Technique | Singh S.P | S. Chand & Co. Delhi | |
| • सांख्यिकी विधिया | एस.एम. शुक्ला तथ एस.पी. सहाय, | साहित्य भवन पब्लिकेशन। आगरा उ.प्र. | |
| • सांख्यिकी सिद्धांत | शुक्ल, एस.पी., एस. चंद। | | |

- सांख्यिकी अर्थशास्त्र

महेश्वरी पी.डी. तथा गुप्ता शीलचंद्र

कैलाश पुस्तक सदन, भोपाल

Reference Books :

- Quantitative Techniques House.Jaipur
- Quantitative Techniques house. Allahabad
- अनुसंधान विधियां
- परिमाणत्मक तकनीके

Kothari C.R.;

Vikas Publication

Khandewal.;

International book

एस.डी. वघेल

कैलाश पुस्तक आगरा उ.प्र.,

गुप्ता वी.एन.

साहित्य भवन पब्लिकेशन आगरा उ.प्र.

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MACRO ECONOMICS

COURSE OBJECTIVES:-

- To provide the knowledge about to understand Macro economics problem.
- To develop the conceptual frame work about National income, employment, investment and consumption function.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- To develop the conceptual frame work about Monetary policies and its Instruments

Syllabus:

- Unit -1** **Macro Economics** - Nature of Macro Economics Variables, Basic Concepts of Stock and Flow. National Income and its measurement, GDP and GNP, Importance of National Income Estimation, National Income and Economic Welfare, National Income Estimation in India. Functional relationships of National Income.
- Unit- 2** **Theories of Consumption and Investment-** APC and MPC. Factors affecting consumption. Income - Consumption Hypothesis, Saving Function, Paradox of Thrift Investment Function, Determinants of Investments MEC and MEL Theories of Investment, C, S, I measurement in Indian Economy.
- Unit- 3** **Theories of Employment-** Classical Theory, Say's Law of Market, Classical Model with and without saving and Investment, Criticism of the Model. Keynesian Model of Employment with Demand and Supply of Money. Measurement and Trends of Unemployment in Indian Economy.
- Unit- 4** **The Component of Money Supply-** Interest Rate and Theory of Liquidity Preference. IS-LM Analysis and Interest Rate Determination. Keynes Vs The Classical concepts. Monetary Policy and its Instruments.
- Unit- 5** **Macro Economic Equilibrium-** Income Determination in Closed and Open Economy, Consumption and Investment Function, Concept of Simple Multiplier and Dynamic Multiplier. Leakages of Multiplier. Concept of Accelerator.

COURSE OUTCOMES:-

- Students will be able to Understood Macro economics problem To provide the knowledge about to understand Macro economics problem.
- They develop the conceptual frame work about National income, employment, investment and consumption function.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They develop the conceptual frame work about Monetary policies and its Instruments

Text Books:

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|-----------------------------------|--|-------------------------------|
| • MACRO ECONOMIC THEORY
DELHI. | AHUJA H.L. | S. CHAND PUBLICATION |
| • MACRO ECONOMICS
PUBLICATION. | SETH M.L | LAXMI NARAYAN
AGRA |
| • समष्टि :अर्थशास्त्र | सेठ एम.एल. | लक्ष्मी नारायण पब्लिकेशन आगरा |
| • समष्टि अर्थशास्त्र | महेश्वरी पी.डी. तथा
गुप्ता शीलचन्द्र: | साहित्य भवन पब्लिकेश आगरा |
| • समष्टि अर्थशास्त्र | अहुजा एम.एल. | एस.चांद पब्लिकेशन दिल्ली |

Reference Books :

- | | | |
|-----------------------------------|---------------------------------|-----------------------------|
| • MACRO ECONOMICS
DELHI | JHINGAN M.L | VRINDA PUBLICATION |
| • MACRO ECONOMICS
HOUSE.MUMBAI | D.M. MITHANI | HIMALAYAPUBLISHING |
| • MONETARY ECONOMICS | S.B GUPTA | S CHAND AND CO. DELHI |
| • अर्थशास्त्र | सिन्हा वी.सी. तथा सिन्हा पुष्पा | साहित्य भवन पब्लिकेशन मुंबई |
| • समष्टि अर्थशास्त्र | झिंगन एम.एल. | वृंदा पब्लिकेशन दिल्ली |

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PUBLIC ECONOMICS

COURSE OBJECTIVES:-

- To develop the conceptual frame work about public economic policies and annual budgeting
- To provide the knowledge about to understand difference sources of government income and expenditure..
- To develop the conceptual frame work about government income distribution and development policy.

Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

- Unit -1** **Public Economics-** Public Choice Voting and Resource Allocation, Public Choice Analysis, The Growth of Government - Significance& Failure.
- Unit- 2** **Theory of Maximum Social Advantage -** Role of Govt. in Organized Society – Government as an agent for Economic Planning & Development Concept of Public Goods, Private Goods and Merit Goods. Maximum Social Advantage Theory of Dalton, Pigous and Musgrav.
- Unit- 3** **Public Expenditure -** Wagner's Law of Increasing State Activities, Wiesman-Peacock Hypothesis. Effects of Public Expenditure Efficiency Effect, Incentive Effect, Allocative Effect on Distribution, Employment, Economic Stability & Economic Development. Dalton's Norm of Public Expenditure.
- Unit -4** **Public Revenue-** Canons of Taxation, Taxable Capacity, Factors Determining Taxable Capacity, Its Significance. Theories of Taxation Benefit Theory, The Cost Service Theory and Ability to Pay Theory, Incidence of Taxes. Effects of Taxation Efficiency Effect, Incentive Effect, Allocative Effect.
- Unit -5** **Public Debt-** Public Debt & Economic Growth, Public Debt and Inflation, Public Debt as a means of regulating Economy, Debt Burden, Debt Redemption, Deficit financing, Fiscal Policy and its objectives.

COURSE OUTCOMES:-

- They develop the conceptual frame work about public economic policies and annual budgeting
- They know about to understand difference sources of government income and expenditure..
- They develop the conceptual frame work about government income distribution and development policy.
- Students will be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Text Books:

- PUBLIC FINANCE
Delhi
- PUBLIC FINANCE
HOUSE . jaipur
- राजस्व
- राजस्व (लोक वित्त),
- लोक वित्त

SUDHA V.K. And NAYAK

BHATIYA H.L

वार्णोय जे.सी,
डॉ. गुप्ता के. एल.
डॉ. सिंह एस. के.,

S. CHAND PUBLICATION.

VIKAS PUBLICATION

साहित्य भवन पब्लिकेशन आगरा
साहित्य भवन पब्लिकेशन आगरा
साहित्य भवन पब्लिकेशन आगरा

Reference Books :

- Public Finance In Theory
And Practice
- लोकवित्त
- अर्थशास्त्र
- लोकवित्त
जयपुर
-

Singh S.K.

सिन्हा वी.सी.
महेश्वरी पी.डी. तथा गुप्ता शीलचन्द्रः
भाटिया एच.एल.:

S.Chand Publication.

साहित्य भवन पब्लिकेशन आगरा ।
साहित्य भवन पब्लिकेशन आगरा ।
विकास पब्लिकेशन हारुस ।

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AGRICULTURAL ECONOMICS

COURSE OBJECTIVES:-

- The objective is to impart a breadth of knowledge and analytical skills to the students in the field of agricultural economics.
- The subject will enhance their understanding on policy matters that are relevant to Indian agricultural economy enable them to comprehend contemporary issues like food security and sustainable agriculture practices in a complex and changing scenario.
- To provide the knowledge about to understand Agricultural Finance and Agricultural Marketing and its problems.
- To provide the knowledge about to understand Agricultural Development in Planned Periods and Issue of Indian Agriculture in Global Perspective.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

- Unit-I** **Agricultural Economics-** Meaning, Nature and Scope, Role of Agriculture in Indian Economy, Stages of Agriculture Development, Lewis Model and Rene-Fe contribution.
- Unit-II** **Agriculture System-** Optimum Combination problems in Agriculture input (in reference to land, Labour and capital), Agriculture System and their types Co-operative Vs Private, Agriculture Holdings, Land Reforms in India and Chhattisgarh.
- Unit-III** **Agricultural indebtedness, Agricultural Finance-** Source, types and problems, **Agricultural Marketing-** types and problems, Fluctuations in Agricultural Prices, Agriculture Price Policy, Minimum Support Price
- Unit-IV** **Agricultural Development in Planned Periods-** Technological Development in Agriculture, Dry Farming, Green revolution, Farm Management, Agriculture Taxation.
- Unit-V** **Issue of Indian Agriculture in Global Perspective-** Provisions regarding Agriculture in W.T.O., Agriculture Development in Chhattisgarh, Agriculture related Problems and Suggestions in Chhattisgarh.

COURSE OUTCOMES:-

- They know about the objective is to impart a breadth of knowledge and analytical skills to the students in the field of agricultural economics.
- Student will be able to understand on policy matters that are relevant to Indian agricultural economy enable them to comprehend contemporary issues like food security and sustainable agriculture practices in a complex and changing scenario.
- They will understand agricultural finance and agricultural marketing and its problems.
- Student will be able to understand agricultural development in planned periods and issue of Indian agriculture in global perspective.
- Students will be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Text Books:

- Industrial Economics
- Industrial Economics
Bhopal
- कृषि अर्थशास्त्र,

Dr. Shivbhusan Gupta
Maheshwari P.D.

महेश्वरी पी.डी. :

SBPD Publication. Agra
Kailash Pustak Sadan.

कैलाश पुस्तक सदन भोपाल

Reference Books :

- Agricultural Economics
Indian Perspective.
- कृषि अर्थशास्त्र
कृषि

Lekhi R.K

मिश्र जे.पी.

Joginder Singh An

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अर्थशास्त्र। आगरा

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ADVANCED ECONOMICS ANALYSIS – II

COURSE OBJECTIVES:-

- To provide the knowledge about to understand advanced economics problem.
- To provide the knowledge about different kinds of market and Price and output determined in this market.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- They will learn the various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.
- To develop the conceptual frame work about Distribution, wages and welfare theory.

Syllabus:

- Unit-1** **Perfect competition-** Short run and Long run Equilibrium of the firm and industry, Price and Output determination, Supply curve. **Monopoly-** Short run and long run equilibrium, Price discrimination, Welfare aspects,, Monopoly control and regulation.
- Unit-2** **Monopolistic competition-**General and Chamberlain Approaches to equilibrium, Equilibrium of the firm and the Group with product differentiation and selling costs, excess capacity under Monopolistic and Imperfect competition, criticism of Monopolistic competition. **Oligopoly-** Kinked demand curve and collusive (Cartels and mergers, Price leadership), Price and Output determination under Monospony and Bilateral Monopoly.
- Unit-3** **Distribution-** Neo Classical Approach, Marginal Productivity Theory; Theory of distribution in Imperfect Product and factor markets Macro Theories of Distribution -Ricardian and Modern Theory.
- Unit-4** **Wages-** Theories of Wages- Marginal Productivity and others Theories, Concept and Importance of Minimum wages. **Rent-** Determination of Rent- Classical and Modern theories and Concept of Quasi rent. **Interest** - Theory of Interest - Liquidity Preference and IS-LM curve Theory. **Profit** - Theories of Profit.
- Unit-5** **Welfare Economics-** Partial and General Equilibrium Pigouvian Welfare Economics- Pareto Optimal Conditions Value Judgment.**Social Welfare function-** Compensation Principle Inability to Obtain Optimum Welfare - Imperfections, Market failure..

COURSE OUTCOMES:-

- They know about to understand advanced economics problem.
- They know about different kinds of market and Price and output determined in this market.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.
- Student will be able for a better understanding various aspects of demand theory, theory of production, price and output determination and the choice under uncertainty and asymmetric information.
- They develop the conceptual frame work about Distribution, wages and welfare theory.

Text Books:

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|--|---|---|
| • ADVANCE ECONOMIC THEORY PUBLICATION. | AHUJA H.L | S. CHAND DELHI |
| • MICRO ECONOMICS PUBLICATION | SETH M.L | LAXMI NARAYAN AGRA |
| • उच्च अर्थिक विश्लेषण | सेठ एम.एल.माइक्रो : महेश्वरी पी.डी. तथा गुप्ता शीलचन्द्र: | लक्ष्मी नारायण पब्लिकेशन आगरा साहित्य भवन पब्लिकेशन आगरा। |
| • अर्थशास्त्र | | |
| • उच्च अर्थिक विश्लेषण | अहुजा एम.एल. | एस.चांद पब्लिकेशन दिल्ली। |

Reference Books :

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|--|---------------------------------|-----------------------------|
| • MICRO ECONOMICS AGRA | JHINGAN M.L. | VRINDA PUBLICATION |
| • PRINCIPAL OF ECONOMICS HOUSE. MUMBAI | MITHANI D.M. | HIMALAYA PUBLISHING |
| • उच्च आर्थिक सिद्धांत | डॉ. बंसल एवं अग्रवाल | साहित्य भवन पब्लिकेशन आगरा। |
| • अर्थशास्त्र— | पंत जे.सी. एवं अग्रवाल | साहित्य भवन पब्लिकेशन आगरा। |
| • उच्च अर्थिक विश्लेषण, | सिन्हा वी.सी. तथा सिन्हा पुष्पा | साहित्य भवन पब्लिकेशन आगरा। |
| • वृष्टि अर्थशास्त्र | झिंगन एम.एल. | वृंदा पब्लिकेशन दिल्ली |

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MONETARY ECONOMICS AND BANKING

COURSE OBJECTIVES:-

- To develop the conceptual frame work about Monetary and Banking policies
- To provide the knowledge about to understand monetary variables on the macroeconomic system, and role of the Central Bank different function.
- To provide the knowledge about to understand business cycles theory and economic cycle's trend like inflation, deflation and its effect.

Syllabus:

Unit-1 Theories of Value of Money- Fisher, Cambridge equations, the cash Balances approach Keynesian Theory of Money and Prices, The Real Balance Effect, Modern - Quantity Theory of Money.

Unit-2 Measures of Money – Stock and Flow, Creation of Credit, Multiplier, Instruments of Monetary Controls, Monetary, Policy- Its role and effectiveness.

Unit-3 Inflation - Inflation Measurement and types of Inflation, Demand and Supply side Inflation, Excess Demand and Inflation, Effects of Inflation, Methods to Check Inflation, Stagflation and Anti-Inflation Policy, Inflation and Indian Economy. Inflation and Unemployment, Phillips curve, The Relationship between Inflation and Unemployment.

Unit-4 Banking Systems in India- Types of Banks. Bank as Depositories, Demand Deposits, Bank as Financial Intermediaries, Commercial Banking Origin & Growth, Functions of Commercial Banks. Role of Commercial Banks in a Developing Economy. New Trends in Commercial Banking. RBI.

Unit-5 Business Cycles- Meaning and Nature, Theories of Trade-Cycle. **Monetary Theory-** Schumpeter, Keynesian, Samuelson and Hicks. Non-Monetary Theories of Business cycles.

COURSE OUTCOMES:-

- Student will be able to understand conceptual frame work about Monetary and Banking policies
- They Know about the monetary variables on the macroeconomic system, and role of the Central Bank different function.
- They know about to understand business cycles theory and economic cycle's trend like inflation, deflation and its effect.

Text Books:

- MACRO ECONOMIC THEORY
- MONEY AND BANKING
AGRA
- MONETARY ECONOMICS
- समष्टि :अर्थशास्त्र
- मौद्रिक अर्थशास्त्र एवं बैंकिंग
- मौद्रिक अर्थशास्त्र एवं बैंकिंग अर्थशास्त्र

AHUJA H.L
SETH M.L

JHINGAN M.L.
सेठ एम.एल.
अहुजा एम.एल.
झिंगन एम.एल.

S. CHAND PUBLICATION, DEHLI
LAXMI NARAYAN PUBLICATION.

VRINDA PUBLICATION, DEHLI
लक्ष्मी नारायण पब्लिकेशन आगरा
एस.चांद पब्लिकेशन दिल्ली
वृंदा पब्लिकेशन दिल्ली

Reference Books :

- MACRO ECONOMICS
HOUSE.
- MONETARY ECONOMICS
- मौद्रिक अर्थशास्त्र
- मौद्रिक अर्थशास्त्र एवं बैंकिंग
- मौद्रिक अर्थशास्त्र,,
- मौद्रिक अर्थशास्त्र एवं बैंकिंग

MITHANI D.M

GUPTA S.B
डॉ. सेठी टी.टी.
महेश्वरी पी.डी.
सिघई जी.सी.
सिन्हा वी.सी. तथा सिन्हा पुष्पा

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MUMBAI

S CHAND AND CO DELHI.
लक्ष्मीनारायण पब्लिकेशन दिल्ली
कैलाश पुस्तक सदन भोपाल
साहित्य भवन पब्लिकेशन आगरा
साहित्य भवन पब्लिकेशन आगरा

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INTERNATIONAL ECONOMICS

COURSE OBJECTIVES:-

- To make the student to understand the theoretical aspects related to international trade and other international organization to enable the students to know the importance of the international trade.
- To develop the conceptual frame work about different international theory and trade policies.
- To provide the knowledge about to understand tariff, dumping and its impact on our economy.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

- Unit-1 Interregional and International Trade** - Distinguishing features of Interregional and International Trade- Differences and Similarities between inter-regional and international trade; Importance and Scope of International Trade. International division of Labour and Specialization; Smith's theory of Absolute Difference in Costs; Ricardian theory of comparative differences in costs and its application in Underdeveloped Countries.
- Unit-2 Various Theory of International Trade1-** Mills' theory of Reciprocal Demand; Concept of Offer Curves; Explanation of Mill's concept of Reciprocal Demand with the help of Marshall's Offer Curves. International Trade Equilibrium; Some analytical tools-Offer curves Production Possibility Curves; the Community Indifference Curves; Equilibrium in Community Consumption and Output.
- Unit-3 Various Theory of International Trade2-** Haberler's Theory of Opportunity Costs; International trade under constant, Increasing and decreasing opportunity costs. The Modern Theory of Factor Endowments; its explanation under price criterion and physical criterion; Theory's relevance today. Its superiority over the classical theory; Leontief Paradox
- Unit-4 Terms of Trade** -International trade and factor prices, Samuelson's Factor Price Equalization Theorem. The Terms of Trade- Meaning and various concepts of Terms of Trade; Factors affecting the Terms of Trade; Terms of Trade and underdeveloped countries.
- Unit-5 Tariffs** - Meaning and types, Effects of tariff under partial and general equilibrium, Optimum tariff and welfare, Effects of tariff on income distribution The Stopler- Samuelson theorem, Dumping- Types, Objectives and effects of Dumping, Current incidence of dumping in India and its Impact on our Economy; Anti-Dumping measures.

COURSE OUTCOMES:-

- Student will be able to understand the theoretical aspects related to international trade and other international organization to enable the students to know the importance of the international trade.
- Student will be able for a better understanding the conceptual frame work about different international theory and trade policies.
- They should understood tariff, dumping and its impact on our economy.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic

Text Books:

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|------------------------------------|---|-------------------------------|
| • INTERNATIONAL ECONOMICS | AHUJA H.L. | S. CHAND PUBLICATION DEHLI. |
| • INTERNATIONAL ECONOMICS
AGRA. | SETH M.L.; | LAXMI NARAYAN PUBLICATION |
| • अन्तर्राष्ट्रीय अर्थशास्त्र | सेठ एम.एल.: | लक्ष्मी नारायण पब्लिकेशन आगरा |
| • अर्थशास्त्र | महेश्वरी पी.डी. तथा
गुप्ता शीलचन्द्र | कैलाश पुस्तक सदन। |
| • अन्तर्राष्ट्रीय अर्थशास्त्र | अहुजा एम.एल. | एस.चांद पब्लिकेशन दिल्ली। |

Reference Books :

- | | | |
|--------------------------------|----------------|----------------------------|
| • INTERNATIONAL ECONOMICS | JHINGAN M.L. | VRINDA PUBLICATION AGRA |
| • INTERNATIONAL
MUMBAL. | D.M. MITHANI: | HIMALAYA PUBLISHING HOUSE |
| • अन्तर्राष्ट्रीय अर्थशास्त्र, | सिन्हा वी.सी.: | साहित्य भवन पब्लिकेशन आगरा |
| • अन्तर्राष्ट्रीय अर्थशास्त्र | झिगन एम.एल. : | वृंदा पब्लिकेशन दिल्ली। |

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DEMOGRAPHY

COURSE OBJECTIVES:-

- To develop the conceptual frame work about basic concepts of demography.
- To provide the knowledge about to understand Indian population policies and aware student problem of growing population in India.
- To provide the knowledge about to understand different population theory.
To make the student to understand the theoretical aspects related to population and Economic development.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct

Syllabus:

- Unit -1 Demography** - Meaning significance, Techniques of Demographic Analysis, Relationship with other sciences. Basic concepts of Demography - Population Pyramid, Density of Population sex ratio, Population growth and Population Trap.
- Unit -2 Theories of Population-** Malthusian theory of population, Optimum theory of Population, Social cultural theories - Dumont's theory of social capillarity, L. Brento's theory of increasing prosperity and pleasure, Henry George's theory of Intellectual development. Theory of Demographic transition.
- Unit -3 Different Demographic Measurements Birth rate-** Death rate, Life table, Gross and Net Reproduction rate with reference to India. Human resource development in India.
- Unit -4 Indian census** - Composition of Population in India, Census of 1991 to 2011 Main characteristics. Population Education in India.
- Unit -5 Population and Economic development-** Trends and Distribution of World population. Population Policies in India. Population control measures in India.

COURSE OUTCOMES:-

- They will understood the conceptual frame work about basic concepts of demography.
- Student will be able for a better understanding Indian population policies and aware student problem of growing population in India.
- Student will be able for a better understanding different population theory.
- To the theoretical aspects related to population and Economic development.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Text Books:

- **Demography** Jhingan M.L vrinda publication.
Delhi

- जनांकिकी
आगरा

सिन्हा वी.सी एवं सिंहा पुष्पा,

साहित्य भवन पब्लिकेशन

Reference Books :

- जनांकिकी
आगरा

मिश्रा जे.पी.

साहित्य भवन पब्लिकेशन

- जनांकिकी अर्थशास्त्र

झिगन एम.एल.

वृंदा पब्लिकेशन दिल्ली

- जनांकिकी

महेश्वरी पी.डी. तथा
गुप्ता शीलचन्द्र

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HISTORY OF ECONOMIC THOUGHT

COURSE OBJECTIVES:-

- The study of Economic thought comprises economic ideas of economic thinkers and writers of all ages.
- It provides the origin of economic history and its development from time to time will be of much use to understand and solve the present economic problems.
- To provide the knowledge about to understand different economist thought and different economic theory's.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

Unit-I Pre-Scientific Economic Ideas -

1-Mercantilism 2-Physiocrats 3- Classical School-a) Adam Smith b) Malthusian c) Ricardo

Unit-2 The Classical Tradition-

1-Sismondi 2-St-Simons 3-FredrickList 4- J.S. Mill

Unit -3 The Socialists and Miscellaneous Thoughts-

1- Karl Marx 2- Historical School 3- Mathematical School 4- Austrian School

Unit-4 Neo Classical Economists, Institutionalism and American Economist-

1-Marshall 2- J.B.Clark 3- Irving Fisher 4-Mitchell

Unit-5- 1 Welfare Economist and Modern Economist-

a) A.C. Pigou b) John Robinso

2- Indian Economic Thought-

a) Kautilya b) M.K. Gandhi c) J.K. Mehta

COURSE OUTCOMES:-

- They study of Economic thought comprises economic ideas of economic thinkers and writers of all ages.
- They know about the origin of economic history and its development from time to time will be of much use to understand and solve the present economic problems.
- Student will be able to understood different economist thought and different economic theories.
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Text Books Books :

1. Development Economics and History of Economic Thought. Sinha Pushpa , sinha V.C. SBPD Publication. Agra
2. आर्थिक चिन्तन का इतिहास चतुर्वेदी एवं चतुर्वेदी साहित्यक भवन पब्लिकेशन आगरा

Book Recommended

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|---------------------------------------|-----------------------------------|---------------------------------|
| 3. History of Economic Thought | Jhingan M.L and Girija MK. | vrinda publication Delhi |
| 4. आर्थिक विचारो का इतिहास | पी.डी. महेश्वरी | कैलाश पुस्तक सदन भोपाल |

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ECONOMICS OF GROWTH & DEVELOPMENT – I

COURSE OBJECTIVES:-

- To provide the knowledge about to understand of growth and development and factor affecting, growth and development
- To provide the knowledge about to understand problems of under developed nations
- It provides the conceptual frame work about fundamental models used to analyze theoretical and empirical issues in economic growth and development.
- To provide the knowledge about to understand different economic theory's and models for Growth and development.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

Unit-I	Concept of growth and development- Concept of growth and development, factor affecting, growth and development, Problems of Under developed nations. Theories of growth- The Ricardian ,The Malthusian, The Marxian theory.
Unit-II	Growth Model-I - Schumpeter's Model, Keynesian Model of Employment and Income, Consumption Function, Multiplier, Accelerator and Investment Function. The Harrod- Domar Model. Joan Robinson's model of growth.
Unit-III	Growth Model-II- Theory of balanced growth-Nurkse & Lewis model,Theory of Unlimited Supply of Labour.Theories of Unbalanced growth- Herschman, Big-push theory.
Unit-IV	Growth Model-III - Leibenstines Model of critical minimum effort. Myrdal's theory of circular causation. Rostow's stages of economic growth.
Unit-V	Growth Model-IV - The Mahalanobis Model- Two sector & four sector, Neo classical Model of Meade, Kaldor Model of distribution.

COURSE OUTCOMES:-

- They should understand growth and development and factor affecting, growth and development
- They should understand the problems of under developed nations
- Student should be able to understand the conceptual frame work about fundamental models used to analyze theoretical and empirical issues in economic growth and development.
- Student will be able for a better understanding different economic theory's and models for Growth and development.
- Students should be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic

Text Books:

- | | | |
|--|---|----------------------------|
| • ECONOMIC GROWTH AND DEVELOPMENT PUBLICATION. | SETH M.L | LAXMI NARAYAN
AGRA |
| • ECONOMIC GROWTH AND DEVELOPMENT DELHI | JHINGAN M.L. | VRINDA PUBLICATION. |
| • अर्थशास्त्र | महेश्वरी पी.डी. तथा
गुप्ता शीलचन्द्र | साहित्य भवन पब्लिकेशन आगरा |
| • आर्थिक विकास का अर्थशास्त्र | अहुजा एम.एल. | एस.चांद पब्लिकेशन। दिल्ली |
| • आर्थिक विकास का अर्थशास्त्र | झिंगन एम.एल. | वृंदा पब्लिकेशन। आगरा |

Reference Books :

- | | | |
|---|----------------|-------------------------------|
| • ECONOMICS OF GROWTH AND DEVELOPMENT | BHINDA P.C. : | JAIPUR PUBLICATION. |
| • संवृद्धि एवं विकास का अर्थशास्त्र | मिश्रा जे.पी.: | साहित्य भवन पब्लिकेशन। आगरा |
| • आर्थिक संवृद्धि एवं विकास अर्थशास्त्र | सेठ एम.एल.: | लक्ष्मी नारायण पब्लिकेशन आगरा |

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INDUSTRIAL ECONOMICS

COURSE OBJECTIVES:-

- To provide the knowledge about to understand industrialization pattern and its impact.
- To provide the knowledge about to understand industrial policy in india and Recent trends in Indian Industrial growth
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions
- They will learn the theoretical concepts and issues related to market structure, firms' motivations and conducts, productivity, and efficiency.
- To provide the knowledge about to understand Growth and current problems of selected large scale industries in India and different Sources of Industrial finance

Syllabus:

- Unit- 1** **Industrial Economics-** Meaning, Rational, pattern and impact of industrialization. Factors favoring and Hampering Rapid Industrial Development of India. New Industrial Policy in India, from 1991 to till dale. Recent trends in Indian Industrial growth.
- Unit-2** **2Concept and organization of a firm-** Business classification of firm on the basis of its activities, Sector, and Ownership. Public, Private, Joint and Cooperative Sectors
- Unit-3** **3Industrial combination** and its impact on efficiency of the firm and economic power. Theories of Industrial location - Weber and Sargent Florence, Factors affecting location, Industrial Sickness.
- Unit-4** **4Small and Cottage Industries in India-** Growth and current problems of selected large scale industries in India Iron & steel, Cotton textiles, Jute, Cement, Sugar and Engineering goods.(Organized, Manufacturing Sector), Development of Small Scale and Cottage Industries in India.
- Unit-5** **5Industrial finance institutions** - Sources of Industrial finance owned capital , borrowed capital, Industrial finance Institutions - IDBI , IFCI, SFC, SIDC, Commercial banks.

COURSE OUTCOMES:-

- They will be understood industrialization pattern and its impact.
- They will understood industrial policy in india and Recent trends in Indian Industrial growth
- Students will be able to understood Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions
- They will learn the theoretical concepts and issues related to market structure, firms' motivations and conducts, productivity, and efficiency.
- They know about the Growth and current problems of selected large scale industries in India and different Sources of Industrial finance

Text Books:

- | | | |
|----------------------------------|---------------------|-------------------------|
| • Industrial Economics
Bhopal | Harish Kumar Khatri | Kailash Pustak Sadan. |
| • औद्योगिका अर्थशास्त्र | जैन,एस.सी | कैलाश पुस्तक सदन। भोपाल |

Reference Books :

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|----------------------------------|-----------------|------------------------|
| • Industrial Economics, | Shivbhusan Gupt | SBPD Publication. Agra |
| • Industrial Economics,
Delhi | Barthwar RR | New Age Publishers. |

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LABOUR ECONOMICS ELECTIVE PAPER-I

COURSE OBJECTIVES:-

- It provides the conceptual frame work about Labour Economics helps the students of Economics to understand the nature of Labour market,
- To provide the knowledge about to understand Issues related to employment, wage determination, Industrial relations, role of trade unions and the role of the state Government in improving the standards of Labour.
- exposes students to theoretical as well as empirical issues relating to the labour market with special reference to India.
- To provide the knowledge about to understand Problem of Housing of industrial workers in India.

Syllabus:

- Unit - 1** **Labour Economics** - Meaning. Peculiarities, Types and Significance Role of labour in Economic Development of a Developing Country like India. Characteristics and Growth of Labour market in India.
- Unit - 2** **Various Concepts of Wages-** Demand and Supply Theory of Wages Various Concepts of Wages : (a) Fair Wages . (b) Living Wages. (c) Minimum Wages Minimum Wages Act. 1948. Wages, Efficiency of Labour and Productivity in India . Wages Policy Under the Five year Plans. Problem of Bonus in India .
- Unit – 3** **Social Security** – Meaning Origin, Growth, Aims and Methods . Deferent Schemes of Social Security in India . Labour Welfare - Meaning, Aims, Growth, Scope and Classification . Labour Welfare Activities done by different Agencies in India. (a) By Government. (b) By Employers. (c) By Trade Unions .
- Unit - 4** **Industrial Disputes** – Meaning Types , Causes Consequence Prevention and Settlement. Labour Participation in Management Industrial Disputes in India – Main Causes and Remedies . Industrial Dispute Act. 1947. Collective Bargaining .Trade Union Definition, Need Growth, Approaches and Functions. Trade Union Movement in India – Growth, Difficulties, Draw backs and Measures to strengthen the Trade union Movement in India .
- Unit - 5** **Labour Act and I.L.O.-** Problem of Housing of industrial workers in India. Labour Act. 1948. Child and Women Labour in India . Measures to Prevents Child Labour . India and International Labour Organisation.

COURSE OUTCOMES:-

- Student will be able to understood the conceptual frame work about Labour Economics helps the students of Economics to understand the nature of Labour market,
- Student will be able to understood the Issues related to employment, wage determination, Industrial relations, role of trade unions and the role of the state Government in improving the standards of Labour.
- They exposes students to theoretical as well as empirical issues relating to the labour market with special reference to India.
- Student will be able for a better understanding the Problem of Housing of

Text Books:

- **Labour Economics** **Gupta P.K.** **vrinda publication**
 Agra
- **श्रम अर्थशास्त्र** **जैन एस. सी. एवं अग्रवाल रवि** **कैलाश पुस्तक सदन। भोपाल**

Reference Books :

- **Labour Economics** **Gupta P.K. :** **vrinda publication**
 Agra
- **श्रम अर्थशास्त्र एवं औद्योगिक संबंध,** **टी.एन. भगोलीवान :** **साहित्य भवन पब्लिकेशन।**
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APPLIED ECONOMETRICS ELECTIVE PAPER-I

COURSE OBJECTIVE:-

- To provide a better understanding our students to mathematical economics.
- To prepare our students for understanding various econometrics model.

Syllabus:

- Unit – 1 Stages In Empirical Econometric Research** - Stages in empirical econometric research , the matrix approach to linear regression model, review of functional forms and qualitative explanatory variable regression models.
- Unit – 2 Regression Diagnostics** - Detection of, and remedial measures for multicollinearity, Autocorrelation Heteroscedasticity. Misspecification ; functional forms; model selection.
- Unit – 3 Advance Topics In Regression Analysis** - Selected Topics: Dynamic Econometric Models : distributed lag models; autoregressive models instrumental variable estimation; simultaneous equation models.
- Unit – 4 Panel Data Models** - Methods of estimation; fixed effects model. Random effects model.
- Unit – 5 Introduction To Econometric Software Package** - GRETL, E-VIEWS, STATA (any one)

COURSE OUTCOMES:-

- Students will be able for a better understanding about econometrics.
- Students will be able for a better understanding about model of econometrics.

Text Books:

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|---|-----------------------------|--------------------------|
| • Basic Econometrics | Damodar Gujarati | USB Publisher. Dehli |
| • Quantitative Techniques
jaipur | Kothari C.R.; | Vikas Publication House. |
| • Quantitative Techniques
house. Allahabad | Khandewal; | International book |
| • शोध पद्धतिया एवं सांख्यिकी | जैन एम. सी. | कैलाश पुस्तक सदन। भोपाल |
| • अनुसंधान पद्धतिया | बघेल एस.सी. एवं बघेल किरण,, | कैलाश पुस्तक सदन। भोपाल |

Reference Books :

- | | | |
|---|--------------------------|-------------------------|
| • quantitative Techniques
Publication. Delhi | Sukla S.M and Sahai S.P. | Sahitya Bhavan |
| • Statistics Technique | Singh S.P. | S. Chand & Co. Delhi |
| • समाजिक शोध एवं सांख्यिकी | तिवारी महेश कुमार | कैलाश पुस्तक सदन। भोपाल |

ELECTIVE STATISTICS
ELECTIVE PAPER-II

COURSE OBJECTIVE:-

1. To provide an understanding of the basic concepts and methods of Statistics, for application in data analysis.
2. To provide statistical skill required for the analysis of socio-economic data.
3. To provide hands-on training in data analysis (along with computer applications)
4. Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

Syllabus:

Unit-1 Central Tendency And Deispersion - Measures of central tendency- Mean, Median, Mode, Geometric Mean and Harmonic Mean, Measures of Dispersion, Range, Mean Deviation, Standard Deviation. Coefficient of Variation Quartile Deviation, Skewness and Kurtosis.

Unit-2 Correlation And Regression - Correlation- Meaning and definition of correlation. Methods of determining correlation. Karl Pearson's coefficient of correlation, Spearman's Rank Correlation, Coefficient of correlation by the method of Least squares. Regression Analysis- Meaning of Iregression and regression analysis, To find Regression equation through least squares. Interpretation of Correlation and Regression Coefficients. Partial and Multiple correlation Analysis.

Unit-3 Time Series And Index Numbers - Time Series Analysis-concepts and components of Time-Series. Mathematical Models for Time-Series. determination of regular, trend and Measurement of Long-Run Trend or Secular trend. Index numbers- concept and importance of Index Numbers. Methods of consumption of Index Numbers. Problems in the construction and limitations of index numbers, test for ideal index number.

Unit-4 Probability Theory And Probability Distribution - Probability: Concept and Rules of probability (addition law or theorem and multiplication law or theorem of Probability), Conditional Probability. Permutation and Combination. **Probability distribution-** Binomial, Poisson, and Normal distribution. Standard Normal distribution. Theoretical distribution-: their properties and uses.

Unit-2: Test Of Significance - Test of significance large samples: sampling for variables, test of significance for mean, test of significance of the difference between two simple means and standard deviation, Test of hypothesis/significance if attributes, test of significance of the difference between proportion of two samples
Test of significance small samples: need for a separate analysis, test of significance for small samples – student t-distributions, F-distribution, Fisher's Z-distribution

COURSE OUTCOMES:-

1. Student will be able to understood the basic concepts and methods of Statistics, for application in data analysis.
2. They Develop the statistical skill required for the analysis of socio-economic data.
3. They know the hands-on training in data analysis (along with computer applications)
4. They know and Emphasis is on application (including analysis and interpretation) rather than theoretical derivations. The idea is to impart training on how to make an argument with data.

Text Books:

- Quantitative Techniques
jaipur
- Quantitative Techniques
house. Allahabad
- शोध पद्धतिया एवं सांख्यिकी
- अनुसंधान पद्धतिया

Kothari C.R.;

Khandewal.;

जैन एम. सी.
बघेल एस.सी. एवं बघेल किरण,,

Vikas Publication House.

International book

कैलाश पुस्तक सदन। भोपाल
कैलाश पुस्तक सदन। भोपाल

Reference Books :

- quantitative Techniques
Publication. Delhi
- Statistics Technique
- समाजिक शोध एवं सांख्यिकी

Sukla S.M and Sahai S.P.

Singh S.P.;

तिवारी महेश कुमार

Sahitya Bhavan

S. Chand & Co. Delhi
कैलाश पुस्तक सदन।भोपाल

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ELECTIVE MATHEMATICAL ECONOMICS ELECTIVE PAPER-II

COURSE OBJECTIVE:-

- To provide a better understanding with various economics terms in Mathematical forms.
- To prepare our students for modern econometrics tools.

Syllabus:

Unit – 1 Consumer Theory - Utility function; budget line: constrained optimization; consumers equilibrium; income effect, substitution effect; Slutsky equation; derivation of Demand curve; elasticity of demand; consumers surplus.

Unit – 2 Theory Of Production - Properties of production function-homogenous and non-homogenous; Cobb- Douglas CES Returns, to Scale; Technology progress and production function; choice of optimal combination of factors of production; cost and revenue function; derivation of cost curves; relation between total average and marginal cost and revenue; produces surplus; production possibility curve; adding-up theorem.

Unit – 3 Market Structure/Pricing - Concept of equilibrium; equilibrium of the firm under perfect competition; Monopoly; Price discrimination; Monopolistic Competition; subsidies and taxes ; economies of scale; market equilibrium.

Unit – 4 Input-Output Analysis, Liner Programming - Input-Output analysis; the simple closed and open model; linkages, concepts and measurement dynamic Input-Output model; Linear Programming-basic concepts, primal and dual, basic theorems of Linear Programming; graphical method.

Unit – 5 Game Theory - Introduction and concepts- simple and mixed strategy; saddle point solution, prisoners dilemma; Pay-off matrix of a game-two person-two commodity and zero-sum game .

COURSE OUTCOMES:-

- Students will be able for a better understanding about uses of mathematics in economics.
- Students will be able for a better understanding about new terms of mathematics in advanced economics analysis.

Text Books:

- | | | |
|---|-----------------------------|--------------------------|
| • Basic Econometrics | Damodar Gujarati | USB Publisher. Dehli |
| • Quantitative Techniques
jaipur | Kothari C.R.; | Vikas Publication House. |
| • Quantitative Techniques
house. Allahabad | Khandewal.; | International book |
| • शोध पद्धतिया एवं सांख्यिकी | जैन एम. सी. | कैलाश पुस्तक सदन। भोपाल |
| • अनुसंधान पद्धतिया | बघेल एस.सी. एवं बघेल किरण.; | कैलाश पुस्तक सदन। भोपाल |

Reference Books :

- | | | |
|---|--------------------------|------------------------|
| • quantitative Techniques
Publication. Delhi | Sukla S.M and Sahai S.P. | Sahitya Bhavan |
| • Statistics Technique | Singh S.P.; | S. Chand & Co. Delhi |
| • समाजिक शोध एवं सांख्यिकी | तिवारी महेश कुमार | कैलाश पुस्तक सदन।भोपाल |

RESEARCH METHODOLOGY

COURSE OBJECTIVES:-

- To make the students to know the basic concepts and methods in Research methodology.
- It provides the conceptual frame work about Hypothesis Formulation and testing and Sampling Method.
- To make the students to know the basic Tools and Techniques of Data Collection.
- To provide the knowledge about to understand Identification of Research Problem.
- To provide statistical skill required for the analysis of socio-economic Research.
- To provide the knowledge about to Theory Formation in Social Sciences, Survey Analysis, Report writing.

Syllabus:

Unit I Research – Nature of Social Research: Importance and uses, Difference between Pure and Applied Research, Identification of Research Problem, Research Design.

Unit II Hypothesis- Hypothesis Concepts and Variables, Typologies, Hypotheses Formulation and testing, Sampling Method.

Unit III Tools and Techniques of Data Collection-Observation: Characteristics of observation, Kinds of observation, merits and Demerits, Questionnaire, Scheduled and Interviews, Sampling and Survey technique.

Unit IV Nature of study- Case study, technique, Role and importance of case studies, Pilot studies and panel studies.

Unit V Theory Formation in Social Sciences- Survey Analysis, Types, Merits, Demerits, Report writing, Purpose and contents of a Report.

COURSE OUTCOMES:-

- They will understand the basic concepts and methods in Research methodology.
- They will understand the conceptual frame work about Hypothesis Formulation and testing and Sampling Method.
- They know the basic Tools and Techniques of Data Collection.
- Student will be able to understand Identification of Research Problem.
- They develop the statistical skill required for the analysis of socio-economic Research.
- They know about to Theory Formation in Social Sciences, Survey Analysis, Report writing.

Text Books:

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|--|-----------------------------|---------------------------------|
| • Basic Econometrics | Damodar Gujarati | USB Publisher. Dehli |
| • Quantitative Techniques
jaipur | Kothari C.R.; | Vikas Publication House. |
| • Quantitative Techniques
house. Allahabad | Khandewal.; | International book |
| • शोध पद्धतिया एवं सांख्यिकी | जैन एम. सी. | कैलाश पुस्तक सदन। भोपाल |
| • अनुसंधान पद्धतिया | बघेल एस.सी. एवं बघेल किरण,, | कैलाश पुस्तक सदन। भोपाल |

Reference Books :

- quantitative Techniques
Publication. Delhi
- Statistics Technique
- समाजिक शोध एवं सांख्यिकी

Sukla S.M and Sahai S.P.

Sahitya Bhavan

Singh S.P.,
तिवारी महेश कुमार

S. Chand & Co. Delhi
कैलाश पुस्तक सदन।भोपाल

Chairperson
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INDIA'S FOREIGN TRADE AND INTERNATIONAL INSTITUTIONS

COURSE OBJECTIVES:-

- To make the student to understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- To develop the conceptual frame work about different international organization and its function.
- To provide the knowledge about to understand Balance of Payments, Balance of Trade and its impact on our economy.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

- Unit-1** **Foreign Trade and Economic Development-** Meaning and Components of Balance of Payments, Equilibrium and disequilibrium of Balance of Payments. Factors causing disequilibrium balance of payments.
- Unit-2** **Adjustment mechanisms of Balance of Payments-** Under Gold Standards, Under flexible exchange rates (price effect), Under elasticity approach Marshall Lerner Principle, Under capital movements direct control for adjustment. Foreign Trade Multiplier and determination of Income.
- Unit-3** **Concept of Foreign exchange rate-** Determination of Equilibrium, exchange rate. Theories of exchange rate-determination the purchasing power parity theory and the Balance of Payment theory. Factor causing changes in exchange rates. Relatives merits and demerits of fixed and flexible exchange rates, concepts of spot and forward exchange rates, convertibility of currency.
- Unit-4** **Exchange control-**Meaning, features, objectives and methods of exchange control. Devaluation -Devaluation of Indian Rupee and its impact on economy. Free Trade versus Protection.
- Unit-5** **World Trade Organization -** Functions, structure objectives and working of WTO. India and WTO. Trade Blocks- EU, NAFTA, ASEA. International Monetary Fund-Origin, objectives, functions and working of the fund, India & IMF .World Bank-Functions, working, India and the World Bank. Foreign Trade and BOP in India. Recent changes in the direction and composition of trade. Major problems of Indian export sector.

COURSE OUTCOMES:-

- They will understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- They develop the conceptual frame work about different international organization and its function.
- They know about to understand Balance of Payments, Balance of Trade and its impact on our economy.
- Students will be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Text Books:

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|-------------------------------|---------------------|-------------------------------|
| • INTERNATIONAL ECONOMICS | AHUJA H.L. | S. CHAND PUBLICATION AGRA . |
| • INTERNATIONAL ECONOMICS | SETH M.L.; | LAXMI NARAYAN PUBLICATION |
| • अन्तर्राष्ट्रीय अर्थशास्त्र | सेठ एम.एल.: | लक्ष्मी नारायण पब्लिकेशन आगरा |
| • अर्थशास्त्र | महेश्वरी पी.डी. तथा | कैलाश पुस्तक सदन भोपाल |
| | गुप्ता शीलचन्द्र | |
| • अन्तर्राष्ट्रीय अर्थशास्त्र | अहुजा एम.एल. | एस.चांद पब्लिकेशन दिल्ली |

Reference Books :

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|--------------------------------|----------------|------------------------------|
| • INTERNATIONAL ECONOMICS | JHINGAN M.L. | VRINDA PUBLICATION AGRA |
| • INTERNATIONAL | D.M. MITHANI: | HIMALAYA PUBLISHING HOUSE |
| • अन्तर्राष्ट्रीय अर्थशास्त्र, | सिन्हा वी.सी.: | साहित्य भवन पब्लिकेशन आगरा |
| • अन्तर्राष्ट्रीय अर्थशास्त्र | झिंगन एम.एल. : | वृंदा पब्लिकेशन दिल्ली |

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INDIAN ECONOMICS POLICY ELECTIVE PAPER-I

COURSE OBJECTIVES:-

- To develop the conceptual frame work about Indian economic policies.
- To provide the knowledge about to understand Development Strategies and Economics Reforms in India
- To provide the knowledge about to understand growth Performance about different sectors and Indian Financial System and its agency.
- To make the student to understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- Enabling students analyzing Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions.

Syllabus:

- Unit-I Framework of Indian Economy-** Economics Policy: An Introduction, Trend and Structure of National Income, Demographic Features and Indicators of Development, Poverty and inequality : Policy Implications, Employment and Unemployment : Policy Implications.
- Unit-II Development Strategies in India- Planning in India:** Objectives, Strategies and Evaluation, Economics Reforms in India, Critique of Economic Reforms.
- Unit-III Sectoral Performance-I-** Agricultural Growth, Productivity Trends and Crop Patterns, Issues and Concerns in Indian Agriculture, Industrial Sector in Pre-reform period, Industrial Sector in Post-reform period with Emphasis on Small-Scale Sector
- Unit-IV Sectoral Performance-II-** Infrastructure, Indian Financial System : Money Market and Monetary Policy, Capital Market in India and Working of SEBI ,GST.
- Unit-V Sectoral Performance-III-** Foreign Trade and Balance of Payment, India and International Institutions, Multinational Corporations and Foreign Capital, Government Finance : Union and States, Fiscal Federalism in India and latest Finance Commission.

COURSE OUTCOMES:-

- They develop the conceptual frame work about Indian economic policies.
- They know about to understand Development Strategies and Economics Reforms in India
- Student will be able to understand the growth Performance about different sectors and Indian Financial System and its agency.
- Student will be able to understand the theoretical aspects related to India's Foreign Trade and International Institutions.
- Students will be able to understand Production issues and finding solutions to complex economic problems and it even enables them to take correct economic decisions

Text Books:

- | | | |
|---------------------------|--------------------------|--|
| • INDIAN ECONOMY
DEHLI | DUTT RUDDR AND SUNDARAM: | S. CHAND AND CO. |
| • भारतीय अर्थव्यवस्था | केली एल.एन.: | लक्ष्मी नारायण अग्रवाल
पब्लिकेशल दिल्ली |

Reference Books :

- INDIAN ECONOMY MISHRA S.K AND PURI V.K: , HIMALYA PUBLICATION HOUSE. MUMBAI
- B.K SINGH- DEVELOPMENT A.TIWARI PLANNING AND POLICIES.
- भारतीय अर्थव्यवस्था मिश्रा एवं पुरी हिमालय पब्लिकेशन। मुंबई
- भारतीय अर्थव्यवस्था रुद्र दत्त एवं सुन्दरम,, एस.चान्द पब्लिकेशन।दिल्ली
- भारतीय अर्थव्यवस्था पंत जे.सी. एवं अग्रवाल साहित्य भवन पब्लिकेशन।आगरा

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ECONOMICS OF HEALTH AND EDUCATION ELECTIVE PAPER-I

COURSE OBJECTIVE:-

- To provide our students for understanding health economics and education economics.
- To provide a better understanding about Human development & health

Unit-1 Role Of Health And Education In Human Development - Importance in poverty alleviation, health and education outcomes and their relationship with macroeconomic performance.

Unit-2 Microeconomic Foundation Of Health Economics - Demand for health, uncertainty and health insurance market, alternative insurance mechanisms, market failure and rational for public intervention equity and inequality.

Unit-3 Evaluation Of Health Programs - Costing, cost effectiveness and cost benefit analysis, burden of disease. Health Sector In India : Health outcomes, health systems, health financing.

Unit-4 Education – Investment In Human Capital - Rate of return to education, private and social quality of education, signaling or human capital theories of discrimination, gender and caste discrimination in India.

Unit-5 Education Sector In India – An Overview - Literacy rates, school participation, school quality measures.

COURSE OUTCOMES:-

- Students will be able for a better understanding about education and health sector.
- Students will be able for a better understanding about health programs.

Text Books:

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|------------------------|-----------------|------------------------------|
| • Industrial Economics | Shivbhusan Gupt | SBPD Publication Agra |
| • Industrial Economics | P.D. Maheshwari | Kailash Pustak Sadan. Bhopal |
| • कृषि अर्थशास्त्र | महेश्वरी पी.डी. | कैलाश पुस्तक सदन भोपाल |

Reference Books :

- | | | |
|--------------------------|---------------------------|----------------------------|
| • Agricultural Economics | R.K Lekhi, Joginder Singh | साहित्य भवन पब्लिकेशन आगरा |
| An Indian Perspective | . | . |
| • कृषि अर्थशास्त्र | जे.पी. मिश्र : | साहित्य भवन पब्लिकेशन आगरा |

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DISSERTATION

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 - 1.4. Observation And Analysis of Data. निरीक्षण एवं आंकड़ों का विश्लेषण
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