

SEMESTER-I
CORE ECONOMICS I
B.A./BA.B. Ed. /B.Sc.

ECO-CC-111

STATISTICS AND QUANTITATIVE METHODS

Credits 6

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PREAMBLE: This course is to be offered by the students in economics. In order to understand economic problems clearly, the knowledge of quantitative techniques in the area of Economics and Statistics.

UNIT-1 Introduction to Statistics: Definitions, Scope, Nature, Functions, Importance and Limitations of Statistics.

Central Tendency and Dispersion: Measures of Central Tendency- Mean, Median, Mode; Measures of dispersion: Range, Inter Quartile Range, Quartile Deviation, Mean Deviation, Standard deviation, Coefficient of Variation. **(19 Hours)**

UNIT -2 Correlation and Regression: Correlation- Definition, Types, Degree and Karl Pearson and Rank Correlation methods; Regression analysis – Types, regression lines, regression equations, Least squares method. **(18 Hours)**

UNIT -3 Time Series; Concept and components- secular trend, seasonal, cyclical and random variations. Importance of time series, measurement of long-term trend – free-hand curve, semi-average, moving average and least squares methods.

Index Numbers - Concept, characteristics, utility and importance. Points to remember while constructing index numbers, limitations of index number. Family budget and aggregative expenditure method. Fisher's ideal index number. **(19 Hours)**

UNIT -4 Basic concepts: Variables, Sets, Functions, Factors- Quadratic factors, Rules of factors; Equations, Identities, Linear Equation, Quadratic Equation, Simultaneous Equations, Use of Equation in Economics; **(17 Hours)**

UNIT -5 Differential Calculus & Integration - Differentiation of a Function and its uses in Economics - (Analysis of Cost, Revenues and Elasticity of demand) Integration & consumer surplus. **(17 Hours)**

Essential Readings:

- Gupta, S.C.(1993), Fundamental of Applied Statistics, S. Chand & Sons, New Delhi.
- Nagar, A.L. and R.K. Das (1993), Basic Statistics, Oxford University Press, New Delhi.
- सिंह, एस.पी. (नवीन संस्करण) सांख्यिकी सिद्धान्त एवं व्यवहार एस. चन्द एण्ड कम्पनी लिमिटेड, नई दिल्ली – 110055
- शुक्ल एवं सहाय (नवीन संस्करण) सांख्यिकी सिद्धान्त एवं व्यवहार साहित्य भवन पब्लिशर्स, आगरा।
- प्रो. एस. एल. कोठारी परिमाणात्मक पद्धतियों मध्यप्रदेश हिन्दी ग्रन्थ अकादमी भोपाल

Suggested Readings:

- Croxton, F.E., D.J. Cowden and S. Klein (1973), Applied General Statistics, Prentice Hall, New Delhi.
- Allen, R.G.D.(1974), Mathematical Analysis for Economists, Macmillan Press and ElBS, London.
- Speigal, M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book, London
- डॉ. एस. एम. शुक्ल व्यावसायिक गणित साहित्य भवन पब्लिकेशन्स आगरा।
- डॉ. सुरेश कटारिया प्रो. आर. एल. कटारिया व्यावसायिक सांख्यिकी कैलाश पुस्तक सदन, भोपाल
- डॉ. सुरेश कटारिया प्रो. आर. एल. कटारिया व्यावसायिक सांख्यिकी कैलाश पुस्तक सदन, भोपाल

November 2020

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SEMESTER-II
CORE ECONOMICS II
B.A./BA.B.Ed/B.Sc.

ECO-CC-211

PRINCIPLES OF MICRO ECONOMICS

Credits 6

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PREAMBLE: This course intends to expose the student to the basic principles in Microeconomic Theory and illustrate with applications.

- Unit-1 Introduction:** Meaning, Nature, Scope and Methods of economics, Central Problem of an Economy - production possibility frontier. Law of demand, determinants of demand, Law of supply, determinants of supply, market equilibrium. Concept of utility- cardinal and ordinal approaches, Theory of diminishing marginal utility. **(19 Hours)**
- Unit-2 Consumer Theory:** Elasticity- determinants of price, income and cross elasticity's, indifference curves, principle of marginal rate of substitution, Consumer Equilibrium, income, price and substitution effects; Consumer Surplus. **(16 Hours)**
- Unit-3 Costs and Revenue:** Concept and types of cost- short termed and long termed cost analysis. Concepts of Revenue—TR, AR and MR in different markets. **Production functions**, law of variable proportions, return to scale, iso-quant curve and cost minimizing equilibrium condition. **(17 Hours)**
- Unit-4 Market Structure:** Meaning of market: Classification of market structure, Objective and equilibrium of the firm: Price and output determination for firm and Industry under: perfect competition and Monopoly; Imperfect competition- Monopolistic and oligopoly (Price rigidity theory). **(19 Hours)**
- Unit-5 Factor Pricing:** Marginal Productivity theory, Profit (Knight & Schumpeter), Interest (Classical, Keynesian Theory) and Rent (Ricardian & Quasi Rent). Imperfect or asymmetric information: adverse selection, moral hazard. **(19 Hours)**

Essential Readings:

- Micro Economics ,M.L. Jhingan . Vrinda Publication , New Delhi .
- Ahuja., H.L. (2014). Principles of Microeconomics. S. Chand & Company LTD, New Delhi
- व्यष्टि अर्थशास्त्र के. पी. जैन हिमालय प्रकाशन, नई दिल्ली।
- उच्चतर आर्थिक सिद्धांत एच.एल.आहूजा एस. चांद पब्लिसिंग नई दिल्ली।
- व्यष्टिपरक आर्थिक विश्लेषण एच.एल.आहूजा एस. चांद पब्लिसिंग नई दिल्ली।
- व्यष्टि अर्थशास्त्र एच. एल. झिंगन वृंदा पब्लिकेशन, नई दिल्ली।

Suggested Readings:

- Koutsoyiannis, A.(1979), Modern Microeconomic (2nd Edition), Macmillan press, London
- Modern Economics Theory & Policy ,K.K.Dewett S. Chand Publishers , New Delhi.
- Sen., A. (1999), Microeconomic Theory and Application, Oxford University press, New Delhi.
- Micro Economics, Dr.Abha Mittal, S. Chand Publication

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SEMESTER-III
CORE ECONOMICS III
B.A./BA.B.Ed/B.Sc.

ECO-CC-311

PRINCIPLES OF MACRO ECONOMICS

Credits 6

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PREAMBLE: This course introduces students to the basic concepts in Macroeconomics. Macroeconomics deals with the aggregate economy. In this course the students are introduced to the definition, measurement of the macroeconomic variables like GDP, consumption, savings, investment and balance of payments.

- UNIT-1 Concept of Macro Economics:** Meaning, Scope, Types, Importance and Limitations, Interrelations between micro and macro economics, Circular Flow of Income, Concept of National Income, Gross Domestic Product (GDP), Net Domestic Product (NDP), Gross National Product (GNP), Net National Product (NNP), National Income Accounting, National Income and Economic Welfare. **(19 Hours)**
- UNIT-2 Determination of Income and Employment:** Classical Theory of Employment- Say's and Piquou theory, Keynesian Theory of Employment. (Effective demand, Imperfect Employment, Aggregate demand and Aggregate supply). **(18 Hours)**
- UNIT-3 Consumption Function:** Meaning, Assumption, Nature and Factors Influencing; Concepts of MPS, APS, MPC and APC, Psychological Law of Consumption; Paradox of Thrift, Income-consumption relationship: absolute and relative income hypothesis. **(19 Hours)**
- UNIT-4 Investment Function:** Meaning and Types, Investment and Interest Rate, Marginal Efficiency of Capital (MEC); Theory of Multiplier and Accelerator. **(17 Hours)**
- UNIT-5 Trade cycle:** Meaning, Definitions, Causes, Consequences, Effects and Measures.
Inflation and Deflation: Inflation: Types, Stages, Causes and Effects; How to Check Inflation; Demand-pull and Cost-Push inflation; Inflation and Unemployment- Phillips Curve; **Deflation:** Causes, Consequences, Effects, and Measures. **(17 Hours)**

Essential Readings:

- Weintrub, E. R. (1974), General Equilibrium Theory, Macmillan, London.
- Borch, K. H. (1968), the Economics of Uncertainty, Princeton University Press Princeton.
- एच. एल. आहूजा, (नवीन संस्करण), उच्चतर समष्टि अर्थशास्त्र, एस.चन्द एण्ड कम्पनी प्रा. लि., नई दिल्ली।
- एच. डॉ. एम. एल. झिंगन, (नवीन संस्करण), समष्टि अर्थशास्त्र, वृंदा पब्लिकेयन्स प्रा.लि. दिल्ली।
- डॉ. टी. एन. हजेला— 'समष्टि अर्थशास्त्र' एनी बुक्स प्राईवेट लि., दरियागंज, नई दिल्ली।
- डॉ. बलवीर सिंह यादव— यूनिवर्सिटी पब्लिकेयन कर्मपुरा, नई दिल्ली।

Suggested Readings:

- Case, Karl E. & Ray C. Fair, *Principles of Economics*, Pearson Education, Inc., 8th edition, 2007.
- Sikdar, Shoumyen, *Principles of Macroeconomics*, 2nd Edition, Oxford University Press, India
- United Nations Development Programme, Human Dev. Report 8 2010, Palgrave Macmillan (2010).
- Quirk, J. and R. Saposnik (1968), Introduction to General Equilibrium Theory and Welfare Economics, McGraw Hill, New York.

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SEMESTER-III
SKILL ENHANCEMENT COURSE (SEC) I
B.A./BA.B.Ed

ECO-SE-311

DATA PROSESSING - I

Credits – 2

PREAMBLE: This course is to be offered by the students in economics. In order to understand economic problems clearly, the knowledge of quantitative techniques in the area of mathematics and statistics.

- UNIT-1 Census and sampling methods of statistical investigation:** Universe or Population, Census and Sampling Investigation, Objectives of Sampling, Methods of Sampling. **(6 Hours)**
- UNIT-2 Types of Sampling:** Purposive Sampling, Random Sampling, Mixed Sampling, Stratified Random Sampling. **(6 Hours)**
- UNIT-3 Sources of data:** Population, Primary and secondary data. **(6 Hours)**
- UNIT-4 Editing of Collected Data:** Need and Importance, Process of Editing, Specific Function in Editing-(i) Degree of Accuracy (ii) Approximation and (iii) Statistical Error; Classification of Statistical Errors and their Sources; Measurement of Errors. **(6 Hours)**
- UNIT-5 Classification and Tabulation of Data:** Meaning, Function and Limit of Classification; Types and Methods. Tabulation Meaning, Objects, Importance and Rules; Essentials of a Good Table. **(6 Hours)**

Essential Readings:

- Gupta, S.C.(1993), Fundamental of Applied Statistics, S. Chand & Sons, New Delhi.
- Nagar, A.L. and R.K. Das (1993), Basic Statistics, Oxford University Press, New Delhi.
- सिंह, एस.पी. (नवीन संस्करण) सांख्यिकी सिद्धान्त एवं व्यवहार एस. चन्द एण्ड कम्पनी लिमिटेड, नई दिल्ली – 110055
- शुक्ल एवं सहाय (नवीन संस्करण) सांख्यिकी सिद्धान्त एवं व्यवहार साहित्य भवन पब्लिशर्स, आगरा।
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Suggested Readings:

- Croxton, F.E., D.J. Cowden and S. Klein (1973), Applied General Statistics, Prentice Hall, New Delhi.
- Allen, R.G.D.(1974), Mathematical Analysis for Economists, Macmillan Press and ElBS, London.
- Speigal, M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book, London
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- डॉ. सुरेश कटारिया प्रो. आर. एल. कटारिया व्यावसायिक सांख्यिकी कैलाश पुस्तक सदन, भोपाल

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SEMESTER-IV
CORE ECONOMICS IV
B.A./BA.B.Ed/B.Sc.

ECO- CC - 411

DEVELOPMENT ECONOMICS

Credits 6

PREAMBLE: This course reviews major trends in aggregate economic indicators in India and places these against the backdrop of major policy debates in India in the post – Independence period.

- UNIT-1 Growth and Development:-** Definition, features and importance, Difference between economic growth and economic development, obstacles to economic growth and economic development, indicators of economic development- GDP, GNP, PQLI, HDI. **(16 Hours)**
- UNIT-2 Classical Theory of Development:** Adam Smith Growth Model, Malthus Growth Model, Ricardian Growth Model, Karl Marx Growth Model. Rostow Stages of Economic Growth. **(20 Hours)**
- UNIT-3 Approaches to Economic Development:** Lewis Theory of Unlimited Supply of Labour, Rosenstein-Rodan; Big Push Theory, Leibenstein's Critical Minimum Effort Thesis, Low Level Equilibrium Trap, Hirschman's Theory of Unbalance Growth. **(18 Hours)**
- UNIT-4 Capital Formation:** Saving- Meaning, Sources and Problems, Capital Formation - Meaning, Importance, Problems and Suggestions in Under-Development Countries, Capital-Output Ratio- Meaning, Forms, Importance, Factors Affecting and Limitations. **(18 Hours)**
- UNIT-5 Human Capital:** Human Capital Formation-Meaning, Definitions, Essential Elements, Importance, Scope and Limitations. Effect of Population on Economic Development, Effect of Economic Development on Population, Human Resources in India: Problems and Suggestions. **(18 Hours)**

Essential Readings:

- Mehrotra, S. and J. Richard (1998), Development with a Human Face; Oxford University Press, New Delhi.
- झिगन एम एल विकास का अर्थशास्त्र एवं आयोजन वृंदा पब्लिकेशन प्रा. लिमिटेड नई दिल्ली।
- सिन्हा वी. सी. आर्थिक वृद्धि एवं विकास वृंदा पब्लिकेशन प्रा. लिमिटेड मेरठ.
- पन्त जे सी भारतीय अर्थव्यवस्था साहित्य भवन वृंदा पब्लिकेशन प्रा. लिमिटेड आगरा
- दत्त एवं सुंदरम भारतीय अर्थव्यवस्था एस.चन्द एण्ड कम्पनी प्रा. लि., नई दिल्ली।
- मिश्र एवं पूरी भारतीय अर्थव्यवस्था हिमालय पब्लिकेशन्स, नई दिल्ली।

Suggested Readings:

- Michael P Todaro and Stephen Smith. Economic Development, Pearson, 11th edition (2011).
- Uma Kapila, Indian Economy since Independence, Academic Foundation, 19th edition (2009).
- United Nations Development Programme, Human Development Report 8 2010, Palgrave Macmillan (2010).
- Chenery, H. and T.N. Srinivasan (Eds.) (1989), Handbook of Development Economics, Vols. 1&2, Elsevier, Amsterdam.
- Barrow, R. and X. Sela-I, Martin, Economic Growth, McGraw Hill, New York.
- Solow, R.M. (2000), Growth Theory : An Exposition, Oxford University Press, Oxford.
- Meier, G.M. and D. Seers (Eds.) (1987), Pioneers in Development, Oxford University Press, New York.

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SEMESTER-IV
SKILL ENHANCEMENT COURSE (SEC) II
B.A./BA.B.Ed

ECO-SE-411

DATA PROSESSING - II

Credits – 2

PREAMBLE: This course is to be offered by the students in economics. In order to understand economic problems clearly, the knowledge of quantitative techniques in the area of mathematics and statistics.

- UNIT-1 **Probability:**** Meaning and Definitions, Rules of probability (Addition and Multiplication), Conditional Probability, Permutation-Combination and its uses in Probability. **(6 Hours)**
- UNIT-2 **Association of Attributes:**** Meaning and Characteristics. **(6 Hours)**
- UNIT-3 **Determination of Unknown Class Frequencies, Consistency of Data, Methods of****
Determining Association. (6 Hours)
- UNIT-4 **Method of Comparison of Observed and Expected Frequencies, Method of Comparison of****
Proportion, Yule's coefficient of association, Partial association, Contingency, Coefficient
of Contingency. (6 Hours)
- UNIT-5 **Interpolation and Extrapolation:**** Assumptions, Importance and Direct Binomial
Expansion Methods and Newton's Methods of Advancing Differences. **(6 Hours)**

Essential Readings:

- Gupta, S.C.(1993), Fundamental of Applied Statistics, S. Chand & Sons, New Delhi.
- Nagar, A.L. and R.K. Das (1993), Basic Statistics, Oxford University Press, New Delhi.
- सिंह, एस.पी. (नवीन संस्करण) सांख्यिकी सिद्धान्त एवं व्यवहार एस. चन्द एण्ड कम्पनी लिमिटेड, नई दिल्ली – 110055
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Suggested Readings:

- Croxton, F.E., D.J. Cowden and S. Klein (1973), Applied General Statistics, Prentice Hall, New Delhi.
- Allen, R.G.D.(1974), Mathematical Analysis for Economists, Macmillan Press and EIBS, London.
- Speigal, M.R. (1992), Theory and Problems of Statistics, McGraw Hill Book, London
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- डॉ. सुरेश कटारिया प्रो. आर. एल. कटारिया व्यावसायिक सांख्यिकी कैलाष पुस्तक सदन, भोपाल

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SEMESTER-V
Discipline Specific Elective – I
B.A./BA.B.Ed/B.Sc.

ECO- EC – 511

INTERNATIONAL TRADE

Credits 5

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PREAMBLE: The course provides a deep understanding about the broad principles and theories, which tend to govern the free flow of trade in goods, services and capital, both short-term and long-term.

- UNIT- 1** International trade: Meaning, Need, Importance and Effects; Domestic trade V/s International Trade; Advantages and Disadvantages of International Trade; Free Trade vs. Protection free trade, Arguments for and against free trade, Protection, Arguments for and against protection. **(18 Hours)**
- UNIT- 2** Mercantilist View, Adam Smith's Theory of Absolute Advantages, Ricardo's Theory of Comparative Cost and Under-developed countries, Haberler's Opportunity Cost Theory. **(18 Hours)**
- UNIT- 3** Terms of trade-The concept to express terms of trade :Net barter, gross barter ,income, single and double factorial, real cost and utility terms of trade, factors influencing terms of trade ,Gains from Trade –Meaning & Nature of Gains from Trade, factors determining the gains from trade. **(18 Hours)**
- UNIT- 4** Foreign Trade of India and Trade policy- Concepts, Balance of Payments- Meaning, Components, Method of Corrections of Imbalance of Payments, Tariff- Meaning, Objectives, Classification, Non-tariffs. Exchange Control: Objectives and Methods, Devaluation and Over-Valuation. **(18 Hours)**
- UNIT- 5** IMF: Objectives and Functions, India and IMF; WTO: Formation, Objectives and its Functions; Recent Development, Asian Development Banks, International Development Banks (IDA) Multinational Corporations. **(18 Hours)**

Essential Readings:

- Carbough, R.J. (1999), International Economics, International Thompson Publishing, New York.
- Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge, University Press, Massachusetts
- डॉ. जी. सी. सिंघई, एवं जे. पी. मिश्रा— अंतर्राष्ट्रीय व्यापार एवं वित्त, साहित्य भवन पब्लिकेशन, आगरा।
- एच. एस. अग्रवाल, एवं सी. एस. बरला— अंतर्राष्ट्रीय अर्थशास्त्र, लक्ष्मी नारायण अग्रवाल, आगरा।
- डॉ. राजेश पाठक— अंतर्राष्ट्रीय अर्थशास्त्र, विष्व भारती प्रकाशन, नई दिल्ली।
- डॉ. बी.एस. सिन्हा— अंतर्राष्ट्रीय अर्थशास्त्र, साहित्य भवन पब्लिकेशन, आगरा, (उ.प्र.)।
- डॉ. के. एस. शर्मा— अंतर्राष्ट्रीय अर्थशास्त्र, मीनाक्षी प्रकाशन, मेरठ, (उ.प्र.)

Suggested Readings:

- Chacholiades, M. (1990), International Trade: Theory and Policy, McGraw Hill, Kogakusha, Japan.
- Dana, M.S. (2000), International Economics: Study, Guide and Work Book, (5th Edition), Routledge Publishers, London.
- Dunn, R.M. and J.H. Mutti (2000), International Economics, Routledge, London.
- Kenen, P.B. (1994), the International Economy, Cambridge, University Press, London.

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- King, P.G. (1995). International Economics and International Economic Policy: A Reader, McGraw Hill International, Singapore.

SEMESTER-V
Discipline Specific Elective – I
B.A./BA.B.Ed/B.Sc.

ECO- EC -512

MONEY AND BANKING

Credits 6

PREAMBLE: This course exposes student to the theory and functioning of the monetary and financial sector of the economy. it highlights the organization, structure and role of financial markets and institutions. it also discusses interest rates, monetary management and instruments of monetary control. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

- UNIT-1 Money:** Meaning, Definition and Functions of Money, Primary and Secondary Functions, Classification and Importance of Money; Money Supply Determination (M_1, M_2, M_3, M_4); Evils of Money; Gresham's Law; Money Standards : Metallic and Paper System of Note Issue. **(18 Hours)**
- UNIT-2 Value of Money and Inflation:** Uses and limitations of Index Numbers; Quantity Theory of Money; **Inflation:** Meaning, Stages, Causes, Effects and Remedies of Inflation, Inflation and Economic Growth, Demand-Pull and Cost-Push Inflation, Measures to Control Inflation. **(18 Hours)**
- UNIT-3 Banking System:** Meaning, Definition, Importance and Types of Bank; Characteristics of Good Banking System; **Commercial Bank:** Functions of Commercial Bank, Significance of Credits Creation by Bank, Credits Creation and Multiplier, Limitations of Credits Creation. **(16 Hours)**
- UNIT-4 Central Banking:** Meaning, Definition and Functions of Central Bank, Credits Control: Objectives, Methods and Difficulties of Credits Control; Difference Between Commercial Bank and Central Bank; Role of Central Bank in Economic Development; Reforms of Banking System and Cheap Money Policy. **(18 Hours)**
- UNIT-5 Financial Markets in India:** Meaning of Interest, Causes of Difference in the Rate of Interest; Theory of Interest: Marginal Productivity Theory, Abstinence Theory and the Preference. **Money Market:** Meaning, Features and Instruments of Money Market, Characteristics of a Developed Money Market, Defects of Indian Money Market; **Capital Market:** Meaning and Instruments. **(20 Hours)**

Essential Readings:

- Sanjay M. Dandade, Money Banking & Economic Reforms, Chandralok Prakasan, Kanpur.
- Suraj B.Gupta , Monetary Economics: (Institutional, Theory and Policy), S. Chand Publishers , New Delhi.
- जे. पी. मिश्रा. समष्टि अर्थशास्त्र एवं मुद्रा और बैंकिंग साहित्य भवन पब्लिकेशन्स, आगरा
- वी. सी. सिंह. उन्नत मुद्रा व बैंकिंग. लोक भारती प्रकाशन,इलाहाबाद
- एस. एन. लाल मुद्रा, बैंकिंग तथा लोकवित्त शिव पब्लिशिंग हाउस, इलाहाबाद
- वी.सी. सिन्हा .मुद्रा, बैंकिंग एवं राजस्व. साहित्य भवन पब्लिकेशन्स, आगरा

Suggested Readings:

- Ankit Khanna , Money Banking and Public Finance, Omega Publications,2013
- Mithani, D.M., Money, Banking, International Trade & Public Finance, Himalaya publication House pvt.Ltd,2014
- Girish K. Rana ,Financial Institutions and Markets, Horizon Press, 2014

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SEMESTER-V
SKILL ENHANCEMENT COURSE (SEC) III
B.A./BA.B.Ed.

ECO- SE -511

FINANCIAL ECONOMICS - I

Credits – 2

PREAMBLE: This course exposes student to the theory and functioning of the monetary and financial sector of the economy. it highlights the organization, structure and role of financial markets and institutions. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

- UNIT-1 Financial Market:** Meaning and Function of Financial Market. **(6 Hours)**
- UNIT-2** Sources of Finance, Role and Types of Non Bank Financial Intermediaries. **(6 Hours)**
- UNIT-3 Money Supply :** Money Supply Concept; Money Supply Determination in India (M_1 , M_2 , M_3 and M_4) **(6 Hours)**
- UNIT-4 Money Market:** Meaning and Instruments of Money Market, Characteristics of Developed Money Market, Constituents of the Money Market, Defects of Indian Money Market; Suggestions to Remove Defects. **(6 Hours)**
- UNIT-5 Capital Market:** Meaning and Instruments of Capital Market, Composition of Capital Market, Distinguish Between Gilt-edged Market and Industrial Security Market, Development of Indian Capital Market. **(6 Hours)**

Essential Readings:

- Suraj B.Gupta , Monetary Economics: (Institutional, Theory and Policy), S. Chand Publishers , New Delhi.
- Ankit Khanna , Money Banking and Public Finance, Omega Publications,2013
- जे. पी. मिश्रा. समष्टि अर्थशास्त्र एवं मुद्रा और बैंकिंग साहित्य भवन पब्लिकेशन्स, आगरा
- वी. सी. सिंह. उन्नत मुद्रा व बैंकिंग. लोक भारती प्रकाशन,इलाहाबाद
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- वी.सी. सिन्हा .मुद्रा, बैंकिंग एवं राजस्व. साहित्य भवन पब्लिकेशन्स, आगरा

Suggested Readings:

- Mithani, D.M., Money, Banking, International Trade & Public Finance, Himalaya publication House Pvt.Ltd,2014
- Sanjay M. Dandade, Money Banking & Economic Reforms, Chandralok Prakasan, Kanpur.
- Girish K. Rana ,Financial Institutions and Markets, Horizon Press, 2014
- David G. Luenberger, *Investment Science*, Oxford University Press, USA, 1997.
- . Richard A. Brealey and Stewart C. Myers, *Principles of Corporate Finance*, McGraw-Hill, 7th edition, 2002.
- Burton G. Malkiel, *A Random Walk Down Wall Street*, W.W. Norton & Company, 2003.
- Simon Benninga, *Financial Modeling*, MIT Press, USA, 1997.

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SEMESTER-V
Generic Elective Course (Interdisciplinary)
B.A./BA. B. Ed.

ECO-GE-511

HISTORY OF ECONOMIC THOUGHTS

Credit-6

PREAMBLE: A critical study of the economic theories of the past and economic ideas of the great economic thinkers of the past is at once challenging and illuminating and enlightening.

- UNIT-I** **Adam Smith:** Wealth of Nations, View on Division of Labour, International Trade, Theory of value, Theory of Distribution, **David Ricardo:** Theory of Distribution, Economic Development, International Trade, Taxation. **Thomas Robert Malthus:** theory of Population, Theory of over-Production, Theory of Distribution. **(18 Hours)**
- UNIT- II** **Karl Marx:** Theory of value, Theory of surplus, Dialectical materialism, Economic Development theory of Marxism, Theory of rise and decay of capitalism. **Gossen:** Gossen's Law. **(18 Hours)**
- UNIT-III** **J. R. Hicks:** Utility Analysis, Trade Cycle, **Ragner Nurkase:** Vicious Circle. **Alfred Marshall:** View of consumptions: Production: Law of diminishing returns. **Pigou:** Wealth & Welfare, **(18 Hours)**
- UNIT- IV** **Kautilya:** Economics of Kautilya, Agriculture, Public Finance, Labour, Population. **Dada Bhai Naoroji:** Problem of poverty in India, Drain Theory, **Amartya Sen:** Poverty & Femains **(18 Hours)**
- UNIT-V** J. K. Gokhale, M.K.Gandhi, B.R. Ambedakar, Deendyal Upadyay, Ranade, J.K. Mehta. **(18 Hours)**

Essential Readings:

- एम. एल. झिंगन, एल. गरिमा, एम. शषिकला .आर्थिक विचारों का इतिहास. वृंदा पब्लिकेशन प्राईवेट लि. नई दिल्ली।
- पुष्पासिंह .विकास का अर्थशास्त्र एवं आर्थिक चिन्तन का इतिहास. साहित्य भवन पब्लिकेशन आगरा।
- एम. एल. झिंगन .आर्थिक विचारों का इतिहास वृंदा पब्लिकेशन प्राईवेट लि. नई दिल्ली।
- डॉ. जे. सी. पंत एवं डॉ. एम. एल. सेठ— आर्थिक विचारों का इतिहास, लक्ष्मी नारायण अग्रवाल, आगरा।
- पी. डी. महेश्वरी डॉ. एस.सी.जैन .आर्थिक विचारों का इतिहास. कैलाष पुस्तक सदन, भोपाल।

Suggested Readings:

- Ghos & Ghos, Concise History of Economic thought Himalaya publication House pvt.Ltd.
- Ajit,K, Dasgupta, A history of Indian economic thought, Routledge 11 New fetter lane, London
- Bhatiya, H, L, A history of Indian economic thought, S.Chand Publication. New Delhi
- T, N, Hajela, A history of economic thought, Ane Books Pvt. New Delhi.
- Shiva Chandra, A history of Indian economic thought, Firma KLM, The University of Michigan

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SEMESTER-VI
Discipline Specific Elective – II
B.A./BA.B.Ed/B.Sc.

ECO-EC-611

INDIAN ECONOMY

Credit-6

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PREAMBLE: The paper is overall on Social, Political and Economic Environment influencing Policy Decisions. To develop all these themes, the course is divided into specific modules.

- UNIT- 1 Indian Economy:-** Structure and Basic Features of Indian Economy, Natural Resources- Land, Water, Forest and Some Important Mineral resources in India, Demographic features (as per census 2011) size, rural–urban, Literacy rate, Sex Ratio, Density, Life Expectancy, Birth rate and Death rate, Problems of over-population in India. **(18 Hours)**
- UNIT- 2 Agriculture Sector of India:-** Nature and Importance of Agriculture, Land Reforms in India, Cropping Pattern, Green Revolution, Agriculture Finance: types and sources, Agriculture Marketing in India, NABARD, New Reform in Agriculture Sector. **(18 Hours)**
- UNIT- 3 Industrial Sector of India:-** Cottage and Small Scale Industries in India; Meaning, Importance Problems and Suggestions to remove Problems, Some Major Key Industries in India (Cotton, Sugar, Iron and Steel and Cement); Role & Problem of Major Industries in India, SIDBI, IDBI. **(18 Hours)**
- UNIT- 4 Current trends and Challenges of Indian Economy: -** Concept of poverty; Causes, Measures and Programs to Remove Poverty in India, Concept of Unemployment; Types, Causes, Measures and Programs to Remove Unemployment in India, Regional Imbalances, Price Rising in India; Causes and measures, Service Sector in India. **(18 Hours)**
- UNIT- 5 Economy of Madhya Pradesh:-** Major Crops, Cropping Pattern, Industrial Sector; Growth, Trends and Challenges, Demographic Scenario of MP, New Economic Reforms in M.P. 1991(LPG), NDC, NITI Ayog, Indicators of Development; Basic features of Madhya Pradesh Economy. **(18 Hours)**

Essential Readings:

- Dantwala, M.L. (1996), Dilemmas of Growth: The Indian Experience, Sage Publications, New Delhi.
- Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.
- Brahmananda, P.R. and V.R.Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-State Perspectives, Bookwell, Delhi.
- पन्त, जे. सी. भारतीय अर्थव्यवस्था, साहित्य भवन पब्लिकेशन, आगरा।
- दत्त एवं सुंदरम भारतीय अर्थव्यवस्था— एस.चन्द एण्ड कम्पनी प्रा. लि., नई दिल्ली।
- मिश्र एवं पूरी भारतीय अर्थव्यवस्था हिमालया पब्लिकेशन, नई दिल्ली।
- लाल एवं लाल एस. एन एस. के. भारतीय अर्थव्यवस्था शिव पब्लिशिंग हाउस, इलाहाबाद।
- आर. एस. कुलश्रेष्ठ, औद्योगिक अर्थशास्त्र, साहित्य भवन पब्लिकेशन, आगरा।

SEMESTER-VI

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Prof. G.M.Dubey

Dr.K.Tekam

Dr.U.Anand

Discipline Specific Elective – I
B.A./BA. B.Ed./B.Sc.

ECO-EC-612

PUBLIC FINANCE

Credits 6

PREAMBLE: This course is non-technical overview of government finances with special reference to India. It will look into the efficiency and equity aspects of taxation of the centre, states and the local governments and the issues of fiscal federalism and decentralization in India. The course will be useful for students aiming towards careers in the government sector, policy analysis, business and journalism.

- UNIT -1 Introduction:** Meaning, Definition, Nature, Importance and Scope of Public Finance; Public, Private and Merits Goods; Public Sector and Private Sector: Meaning, Objectives, Characteristics, Advantage and disadvantage. **(17 Hours)**
- UNIT -2 Public Expenditure:** Meaning, Classification, Principles and Canons of Public Expenditure; Theory of Maximum Social Advantage; Difference between Public Expenditure and Private Expenditure; Importance of Public Expenditure in Modern time; Control of Public Expenditure; Growth of Public Expenditure and its Causes. **(15 Hours)**
- UNIT -3 Public Revenue and Taxation:** Meaning, Classification, Sources of Public Revenue, Definition, Objectives and Characteristics of Tax Revenue and Non-Tax Revenue; Types of Taxes; Direct and Indirect Tax, Classification of Taxes; Characteristics of Goods and Service (GST); Impact and Incidence of Taxation; Taxable Capacity, Factor Determining Taxable Capacity. **(20 Hours)**
- UNIT -4 Public Debt:** Concept and Classification of Public Debt; Objectives, Importance and Limitation of Public Debt; Difference between Public and Private Debt; Public Debt Vs Taxation; Methods of Debt Redemption; Deficit Financing & its Management. **(18 Hours)**
- UNIT -5 Financial Administration and Fiscal Federalism in India:** Elements and Objectives of Budget; Types of Budget- Zero Based Budget, Gender Budget, Performing Budget; Central-State Finance Relations; Finance Commissions in India, Latest Finance Commission; Black Money in India; Meaning, Causes and Effects; Demonetization and its Impact on Indian Economy. **(20 Hours)**

Essential Readings:

- Bhargava, P.K. (1991), India's Fiscal Crisis, Ashish Publishing House, New Delhi.
- Datt, R.(Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Pub., New Delhi
- वी. सी. सिंह, राजस्व. लोक भारती प्रकाशन, इलाहाबाद
- पी.डी.महेश्वरी. डॉ. शीलचन्द्र गुप्ता, लोक अर्थशास्त्र, कैलाश पुस्तक सदन, भोपाल
- वी.सी. सिन्हा, राजस्व, साहित्य भवन पब्लिकेशन्स, आगरा
- बी. एल. माथुर, भारत में लोक वित्त, साहित्य भवन पब्लिकेशन्स, आगरा

Suggested Readings:

- Jha, R. (1998), Modern Public Economics, Routledge, London.
- Mundle, S. (1999), Public Finance Policy : Issues for India, Oxford University Press, New Delhi
- Friedman, A. (1986), Welfare Economics and Social Choice Theory, Martins Nijhoff, Boston.
- Peacock, A. and G.K. Shaw (1976), The Economic Theory of Fiscal Policy, George Allen and Unwin, London.

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Dr.K.Tekam

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SEMESTER-VI
SKILL ENHANCEMENT COURSE (SEC) IV
B.A./BA. B.Ed./B.Sc.

ECO- SE -611

FINANCIAL ECONOMICS - II

Credits – 2

PREAMBLE: This course exposes student to the theory and functioning of the monetary and financial sector of the economy. it highlights the organization, structure and role of financial markets and institutions. Financial and banking sector reforms and monetary policy with special reference to India are also covered.

UNIT-1	Reserve Bank of India (RBI), Commercial Banks.	(6 Hours)
UNIT-2	National Bank for Agriculture and Rural Development (NABARD), Regional Rural Bank (RRB).	(6 Hours)
UNIT-3	Industrial Development Bank of India (IDBI), Small Industrial Development Bank of India (SIDBI).	(6 Hours)
UNIT-4	Indian finance Corporation of India (IFCI), Industrial Credit and Investment Corporation of India (ICICI).	(6 Hours)
UNIT-5	International Bank for Reconstruction and Development (IBRD), International Monetary Fund (IMF).	(6 Hours)

Essential Readings:

- Suraj B.Gupta , Monetary Economics: (Institutional, Theory and Policy), S. Chand Publishers , New Delhi.
- Ankit Khanna , Money Banking and Public Finance, Omega Publications,2013
- जे. पी. मिश्रा. समष्टि अर्थशास्त्र एवं मुद्रा और बैंकिंग साहित्य भवन पब्लिकेशन्स, आगरा
- वी. सी. सिंह. उन्नत मुद्रा व बैंकिंग. लोक भारती प्रकाशन,इलाहाबाद
- एस. एन. लाल मुद्रा, बैंकिंग तथा लोकवित्त शिव पब्लिशिंग हाउस, इलाहाबाद
- वी.सी. सिन्हा .मुद्रा, बैंकिंग एवं राजस्व. साहित्य भवन पब्लिकेशन्स, आगरा

Suggested Readings:

- Mithani, D.M., Money, Banking, International Trade & Public Finance, Himalaya publication House pvt.Ltd,2014
- Sanjay M. Dandade, Money Banking & Economic Reforms, Chandralok Prakasan, Kanpur.
- Girish K. Rana ,Financial Institutions and Markets, Horizon Press, 2014
- David G. Luenberger, *Investment Science*, Oxford University Press, USA, 1997.
- . Richard A. Brealey and Stewart C. Myers, *Principles of Corporate Finance*, McGraw-Hill, 7th edition, 2002.
- Burton G. Malkiel, *A Random Walk Down Wall Street*, W.W. Norton & Company, 2003.
- Simon Benninga, *Financial Modeling*, MIT Press, USA, 1997.

SEMESTER-VI
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PREAMBLE: The paper is on overall social, political and economic environment influencing policy decisions. To develop all these themes, the course is divided into specific modules.

- UNIT- 1** Economic Environment: Meaning, Definition and factor affecting, Environment and Ecology, Basic features of Indian Economy, Sustainable Development; Meaning and Concept, Environmental Problems, Conventional and Economic Solution to Environmental Problems. **(18 Hours)**
- UNIT- 2** Economic Policies: New Agriculture Policy, New Industrial Policy 1991, Commercial Policy, Price Policy, Labour reforms in India after Independent, **(18 Hours)**
- UNIT- 3** Demography: Meaning and its scope, Population and Economic Development; Demography and related concepts, Population Theories; Malthusian theory of population, Optimum theory of population, theory of demographic transition. **(18 Hours)**
- UNIT- 4** Methods of population projection, Changing Characteristics of Population in India, Causes of Population Growth in India, Problems, Legislative measures for controlling population, Consequence of over Population, Suggestions to control population, **(18 Hours)**
- UNIT- 5** Size and Growth rate of Indian Population, Age Structure of Indian Population, Rural-Urban distribution of Population, Literacy rate, Density of Population, Sex Ratio, Life Expectancy, Death rate and Birth rate, Infant Mortality rate, Occupational distribution of population, National Population Policy: 2020, National Population Commission. **(18 Hours)**

Essential Readings:

- Ahluwalia, I.J. and I.M.D. Little (Eds.) (1999), India's Economic Reforms and Development (Essay in honour of Manmohan Sing), Oxford University Press, New Delhi.
- Brahmananda, P.R. and V.R.Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy : InterState Perspectives, Bookwell, Delhi.
- Dantwala, M.L. (1996), Dilemmas of Growth : The Indian Experience , Sage Publications, New Delhi.
- Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India , Deep & Deep Publications, New Delhi.
- Jalan, B. (1992), India's Economic Policy - Preparing for the Twenty First Century, Viking, New Delhi.
- Parikh, K.S. (1999), Indian Development Report - 1999-2000, Oxford University Press, New Delhi.

Suggested Readings:

- Brahmananda, P.R. and V.R.Panchmukhi (Eds.) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, New Delhi.
- Byres, T.J. (Ed.) (1998), The Indian Economy : Major Debates Since Independence , Oxford University Press, New Delhi.
- Government of India, Planning Commission, Five Year Plans, New Delhi.
- Kabra, K.N. (1997), Development Planning in India , Sage Publications, New Delhi.
- Deboy, B. (1992), Foreign Trade Policy Changes and Devaluation , B.R.Publishing Corporation, Delhi.

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