

DEPARTMENT OF ECONOMICS
DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR (M.P.)

(A Central University)

Curriculum Framework based on NEP-2020

B.A./BA.B. Ed. /B.Sc. (Under Graduation)

B.A./B.A.B. Ed./B.Sc. (Under Graduation)					
(SEMESTER-I)		ECO-DSM-111		STATISTICS AND QUANTITATIVE METHODS	
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-DSM-111	Statistics and Quantitative Methods	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.75 Each Unit 15 hrs.

Learning Outcomes: - Students will be able to

- Express relationship between economic variables mathematically, analyze, optimize, and interpret them.
- Use appropriate techniques to solve problems with calculus and linear algebra.
- Understand the differential and integration.

Unit Wise Learning Outcomes

- **UO-1:**-Student will learn about The Basics of Statistics and Measures of Central Tendency.
- **UO-2:**-Student will learn about The Correlation and Regression.
- **UO-3:**-Student will learn about The Time Series and Index Numbers.
- **UO-4:**-Student will learn about The Different Type of Equations.
- **UO-5:**-Student will learn about The Differential Calculus and Integration.

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. (15 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. (15 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. (15 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. (15 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. (15 Hours)

Suggested Readings:

- Gupta, S.C.(1993), Fundamental of Applied Statistics, S. Chand & Sons, 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 परिमाणान्तरक पद्धतियों मध्यप्रदेश हिन्दी ग्रन्थ अकादमी भोपाल

(Prof. S. Nayak) (Prof. M. K. Singh) (Prof. J. K. Jain) (Prof. D. Bose) (Prof. G. M. Dubey) (Dr. V. Thawre) (Dr. U. Anand)

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B.A./BA.B. Ed./B.Sc. (Under Graduation)					
(SEMESTER-I)		ECO-MDM-111		INTRODUCTORY ECONOMICS-I	
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-MDM-111	Introductory Economics-I	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs. 75 Each Unit 15 hrs.

Learning Outcomes: - Students will be able to

- Understand the basics of Economics.
- Distinguish between different branches of economics.
- Apply these economics concept to solve present time economic problem.

Unit Wise Learning Outcomes

- UO-1:-Student will learn about The Basics of Micro Economics and Equilibrium .
- UO-2:-Student will learn about The Primary Statistics.
- UO-3:-Student will learn about The International trade Export and Import.
- UO-4:-Student will learn about The Indian Economy.
- UO-5:-Student will learn about The Growth and Development.

UNIT-1	MICRO ECONOMICS: Importance of Economics. Definition: Wealth, Welfare, Scarcity and Growth. Scope and Limitations. Micro and Macro Analysis. Approaches to Economic Analysis. Partial Equilibrium vs. General Equilibrium, Comparative Static and Dynamic analysis, Positive and Normative Approaches. (15 Hours)
UNIT -2	Introduction to Statistics: Definitions, Scope, Nature, Functions, Importance and Limitations of Statistics. Central Tendency and Dispersion: Measures of Central Tendency- Mean, Median, Mode. Index Number, Correlation, Regression analysis Time Series analysis. (15 Hours)
UNIT -3	International trade: Meaning, Need, Importance and Effects; Domestic trade V/s International Trade; Advantages and Disadvantages of International Trade. Mercantilist View, Adam Smith's Theory of Absolute Advantages, Ricardo's Theory of Comparative Cost and Under-developed countries. (15 Hours)
UNIT -4	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 (15 Hours)
UNIT -5	Money & Banking: Meaning; - Definition and Functions of Money, Primary and Secondary Functions, Classification and Importance of Money; Money Supply Determination (M1, M2, M3, M4 Mo); Evils of Money; Gresham's Law; Money Standards : Metallic ,Paper and online System of Note Issue Meaning, Definition, Importance and Types of Bank Commercial Bank: Functions of Commercial Bank, RBI NABARD. (15 Hours)

Suggested Readings:

- Micro Economics, M.L. Jhingan . Vrinda Publication , New Delhi.
- Gupta, S.C. (1993), Fundamental of Applied Statistics, S. Chand & Sons, New Delhi.
- दत्त एवं सुंदरम भारतीय अर्थव्यवस्था एस.चन्द्र एण्ड कम्पनी प्रा. लि., नई दिल्ली।
- डॉ. जी. सी. सिंघई, एवं जे. पी. मिश्रा- अंतर्राष्ट्रीय व्यापार एवं वित्त, साहित्य भवन पब्लिकेशन, आगरा।

(Prof. S. Nayak) (Prof. M. K. Singh) (Prof. J. K. Jain) (Prof. D. Bose) (Prof. G. M. Dubey) (Dr. V. Thawfe) (Dr. U. Anand)

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)					
(SEMESTER-I)		ECO-SEC-111			FINANCIAL ECONOMICS
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-SEC-111	Financial Economics	2	0	2	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs. 30 Each Unit 6 hrs.

Learning Outcomes: - Student will be able to

- Understand, at the level of formal analysis, the major models of international trade
- Distinguish between them in terms of their assumptions and economic implications
- Understand the principle of comparative advantage and its formal expression.
- Critically analyses the main arguments for protection and conversely.

Unit Wise Learning Outcomes

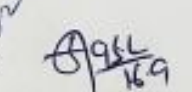
- UO-1:-Student will learn about The Financial Market.
- UO-2:-Student will learn about The Non-Bank Financial Intermediaries.
- UO-3:-Student will learn about The Basics of Money Market.
- UO-4: Student will learn about The Fundamental Analysis of Capital Market.
- UO-5: Student will learn about The Money Supply.

UNIT-1	Financial Market: Meaning and Function of Financial Market, Sources of Finance, Role and Types of Non-Bank Financial Intermediaries. (6 Hours)
UNIT -2	Sources of Finance, Role and Types of Non-Bank Financial Intermediaries. (6 Hours)
UNIT -3	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-4	Capital Market: Meaning and Instruments of Capital Market, Composition of Capital Market, Distinguish Between Gilledged Market & Industrial Security Market, Development of Indian Capital Market. (6 Hours)
UNIT-5	Money Supply: Money Supply Concept; Money Supply Determination in India (M1, M2, M3 and M4). (6 Hours)

Suggested Readings:

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
- Khan, M.Y. (1996), Indian Financial System, Tata McGraw Hill, New Delhi.
- Simon Benninga, *Financial Modeling*, MIT Press, USA, 1997.



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(SEMESTER-I)		ECO-AEC-111			RURAL ECONOMY
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-AEC-111	Rural Economy	2	0	2	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs. 30 Each Unit 6 hrs.

Learning Outcomes: - Student will be able to

- Understand nature of Growth and Development of Rural Economy.
- Rural development process and Programme.
- The components of the Rural Economy.

Unit Wise Learning Outcomes

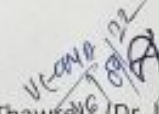
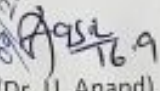
- UO-1:-Student will learn about The Rural Development.
- UO-2:-Student will learn about The Human Resource Development.
- UO-3:-Student will learn about The Rural Poverty.
- UO-4: Student will learn about The Rural Finance.
- UO-5: Student will learn about The Rural Resource Management.

UNIT-1	Concept and Scope of Rural Development; Causes of Rural Backwardness; Need for Rural Development; Constraints and Important Issues in Rural Development; (6 Hours)
UNIT-2	Human Resource Development and Sustainable Rural Development, Rural Unemployment: Nature, Estimates, Classification, Factors and Suggestions; Issues of Migration & Reverse Migration. (6 Hours)
UNIT-3	Rural Poverty: Trends, Causes and Suggestions to remove Poverty, Rural Development Policy and Strategies: Need for a Rural Development Policy in India; Strategies for Rural Development: Micro Finance, SHG, MANREGA, Rashtriya Mahila Khosh, CAPART. (6 Hours)
UNIT-4	Rural Finance – Role of Capital and Rural Credits; Organized and Unorganized Capital Market; Rural Saving and Capital Formation; Characteristics and Sources of Rural Credits– Institutional and Non-Institutional; Reorganization of Rural Credits-Cooperatives, Regional Rural Banks; Role of NABARD. (6 Hours)
UNIT-5	Rural Resources Management in India -Nature, Types and Magnitude - Rural Resources Management and Development, Application of Technology in Rural Development – Problems and prospects. (6 Hours)

Suggested Readings:

- Chambers, Robert (1983) : Rural Development: Putting the Last First, Longman Pub. Group.
- Rao, V M (no date) : Rural Development and The Village Economy: Perspectives for Planning for Development, Sterling Publishers Pvt. Ltd., New Delhi
- डॉ. पी. सी. जैन-भारत में कृषि विकास, रिसर्च पब्लिकेशन जयपुर, नई दिल्ली।
- डॉ. सुदर्शन कुमार कपूर-भारतीय कृषि अर्थव्यवस्था, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।



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(SEMESTER-II)		B.A./BA.B. Ed. /B.Sc. (Under Graduation)			
Course Code	Title of the Course	ECO-DSM-211			PRINCIPLES OF MICRO ECONOMICS
		Credits			Marks
		L	T	Total	
ECO-DSM-211	Principles of Microeconomics	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs. 75 Each Unit 15 hrs

Learning Outcomes: - Student will be able to

- Learn the basic principles of microeconomic theory.
- Understand the efficiency and equity implications of market interference, including government policy.
- Apply micro economic tools in solving socio- economic problems.
- Analyze how households (demand) and businesses (supply) interact in various market structures to determine price and quantity of a good produced

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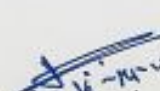
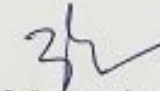
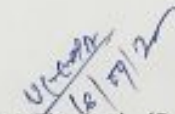
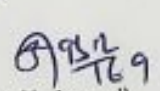
Unit Wise Learning Outcomes

- UO-1:-Student will learn about The Basics of Economics.
- UO-2:-Student will learn about The Consumer Theory.
- UO-3:-Student will learn about The Costs and Revenue and Production
- UO-4:-Student will learn about The Market Structure.
- UO-5:-Student will learn about The Factor Pricing.

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. (15 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. (15 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. (15 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). (15 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. (15 Hours)

Suggested Readings:

- Micro Economics ,M.L. Jhingan . Vrinda Publication , New Delhi .
- Ahuja., H.L. (2014). Principles of Microeconomics. S. Chand & Company LTD, New Delhi

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- व्यक्ति अर्थशास्त्र के. पी. जैन हिमालय प्रकाशन, नई दिल्ली।
- व्यक्तिपरक आर्थिक विश्लेषण एच.एल.आहूजा एस. चांद पब्लिसिंग नई दिल्ली।

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(SEMESTER-II)		ECO-MDM-211		INTRODUCTORY ECONOMICS II	
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-MDM-211	Introductory Economics-II	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/Hrs. 75 Each Unit 15 hrs

Learning Outcomes: - Student will be able to

- Understand the basics of Economics.
- Distinguish between different branches of economics.
- Apply these economics concept to solve present time economic problem.

Unit Wise Learning Outcomes

- **UO-1:-**Student will learn about The Introduction of Macro Economics.
- **UO-2:-**Student will learn about The Basic Concept of Quantitative.
- **UO-3:-**Student will learn about The Madhya Pradesh Economy.
- **UO-4:-**Student will learn about The Growth and Development Economics.
- **UO-5:-**Student will learn about The Public Economics.

UNIT-1	MACRO ECONOMICS: Meaning, Scope and Limitations of Macro Economics. National Income: Concepts, Methods of Measurement and Difficulties in Estimation of National Income and Limitations National Income as a Measure of Welfare. Social Accounting. (15 Hours)
UNIT-2	Basic concepts Quantitative: Variables, Sets, Functions, Factors- Quadratic factors, Rules of factors; Equations, Identities, Linear Equation, Quadratic Equation, Simultaneous Equations, Use of Equation in Economics Matrix Determinants. (15 Hours)
UNIT-3	MADHYA PRADESH ECONOMY : Growth and Sectoral Composition-Per capita Income of Madhya Pradesh States and its Districts Occupational structure work participation – Population policies, The structure of Primary, Secondary and Tertiary Sector. (15 Hours)
UNIT-4	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. (15 Hours)
UNIT-5	PUBLIC ECONOMICS: Meaning and importance of Public finance - Evolution of public finance. Multiple theory of public household-Public and Private Goods-Markets mechanism in public and private goods. State as an agent of planning and development. (15 Hours)

Suggested Readings:

- एच. एल. आहुजा, (नवीन संस्करण), उच्चतर समष्टि अर्थशास्त्र, एस.चन्द एण्ड कम्पनी प्रा. लि., नई दिल्ली।
- Gupta, S.C.(1993), Fundamental of Applied Statistics, S. Chand & Sons, New Delhi.
- Mehrotra, S. and J. Richard (1998), Development with a Human Face; Oxford University Press, New Delhi.
- वी. सी. सिन्हा मुद्रा, बैंकिंग एवं राजस्व, साहित्य भवन पब्लिकेशन्स, आगरा

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)					
(SEMESTER-II)		ECO-SEC-211		INVESTMENT AND RISK MANAGEMENT	
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-SEC-211	Investment and Risk Management	2	0	2	IA (Mid)-40 EA (End Sem)-60

Lectures/Hrs. 30 Each Unit 6 hrs.

Learning Outcomes: - Student will be able to

- Understand Indian Financial System.
- Explain Indian Stock Market.
- Identify Indian equity market, stockbrokers and demat account.
- Describe governance mechanisms that attempt to address Indian stock market conflicts.
- Understand the importance of an organization's culture in effectuating governance.

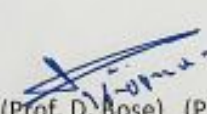
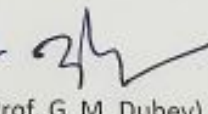
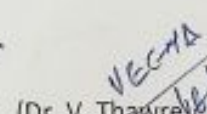
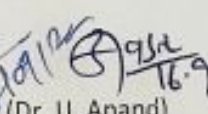
Unit Wise Learning Outcomes

- UO-1:-Student will learn about The Indian Financial System.
- UO-2:-Student will learn about The Indian Stock Market.
- UO-3:-Student will learn about The Basics of Equity and Stock Market.
- UO-4: Student will learn about The Fundamental Analysis.
- UO5:- Student will learn about IBRD AND IMF.

UNIT-1	Indian Financial System, basic introduction, Basic knowledge of capital market: -Primary market & secondary Market, (6 Hours)
UNIT -2	Indian stock market, Major exchanges; BSE and NSE and indices; Nifty, Bank nifty, Sensex etc. (6 Hours)
UNIT -3	Introduced to Equity Markets and Trading in equity Markets, How to Invest in Stock, Stockbrokers and Demat account, IPO, SIP, Mutual Funds, Short term and long-term Investment and Intraday Trading. (6 Hours)
UNIT-4	Fundamental Analysis; Basic concept, Basic Technical Analysis, Introduction to Derivatives-Futures and options. (6 Hours)
UNIT-5	International Bank for Reconstruction and Development (IBRD), International Monetary Fund (IMF). (6 Hours)

Suggested Readings:

- Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
- Khan, M.Y. (1996), Indian Financial System, Tata McGraw Hill, New Delhi.
- Machiraju, M.R. (1999), Indian Financial Systems, Vikas Publishing House, New Delhi.
- R.B. I. (1985) , Report of The Committee to Review the Working of the Monetary system (Chakravarty Committee), Bombay.

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(SEMESTER-II)					
B.A./BA.B. Ed. /B.Sc. (Under Graduation)					
ECO-AEC-211		AGRICULTURE ECONOMICS			
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-AEC-211	Agriculture Economics	2	0	2	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs. 30 Each Unit 6 hrs.

Learning Outcomes: - Student will be able to

- Learn and identify the opportunities available in flourishing sectors.
- Understand limited resources available in the economy and its optimum utilization.
- Apply the acquired knowledge to exploit and utilize through development and improvement of production techniques.
- Examine the overall development and engine of growth in agriculture.

Unit Wise Learning Outcomes

- UO-1:-Student will learn about The Introduction of Agriculture Economics.
- UO-2:-Student will learn about The Supply of Inputs.
- UO-3:-Student will learn about The Risk and Uncertainty in Agriculture.
- UO-4:- Student will learn about The Price Policy in Agriculture Economics.
- UO-5:- Student will learn about The Behavior of Agriculture Prices.

UNIT-1	Role of Agriculture in Economic Development; Interdependence Between Agriculture and Industry; Objectives of Diversification of Indian Agriculture (6 Hours)
UNIT-2	Supply of Inputs - Irrigation, Power, Seeds, and Fertilizers; Pricing of input and role of subsidies. (6 Hours)
UNIT-3	Risk and Uncertainty in Agriculture: Types of Risk and Uncertainty; Measures to deal with Uncertainty and role of Government. (6 Hours)
UNIT-4	Agriculture Price Policy: role, functions, Objectives and Price determination; Critical Evaluation of India's Agriculture Price Policy; (6 Hours)
UNIT-5	Behavior of Agriculture Prices - Cobweb model; commission on agricultural costs and prices (CACP) and Minimum Support Prices. (6 Hours)

Suggested Readings:

- Brahmananda, P.R. and V.R. Panchumukhi (Eds.) (1987), The Development Process of the Indian.
- Visaria, P. and R. Basant (1994), Non-Agricultural Employment in India : Trends and Prospects, Sage Publications, New Delhi.
- Raghvan and L. Sarkar (Eds.) (1996), Poverty and Employment, New Age New Delhi.

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B.A./BA.B. Ed. /B.Sc. (Under Graduation) (SEMESTER-III)

Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-DSM-311	PRINCIPLES OF MACRO ECONOMICS	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90 Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

- Understand the broader economic principles that govern national and global economies.
- Analyze the basic macro economic problems of an economy viz. Determination of Income and Employment, Consumption, Investment, Inflation and Deflation etc.
- Differentiate between two basic branches of economics viz. Macro and Micro Economics.

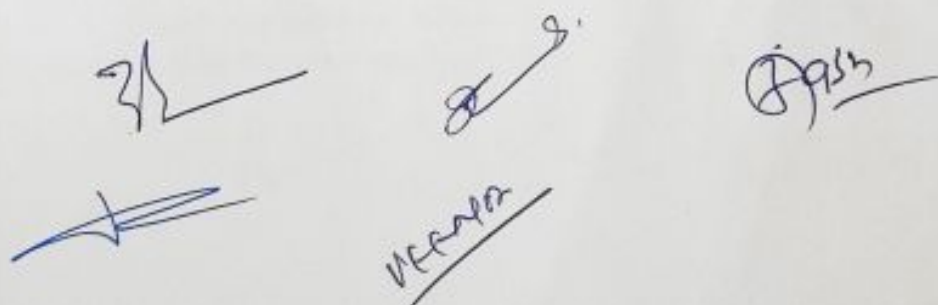
Unit Wise Learning Outcomes

- **UO-1:-**Student will learn about The Basic Concept, Nature and Scope of Macroeconomics
- **UO-2:-**Student will learn about The Determination of Income and Employment
- **UO-3:-**Student will learn about The Consumption Function and Theories related Consumption.
- **UO-4:-**Student will learn about The Investment Function and Theories related to Investment.
- **UO-5:-**Student will learn about The Concept of Trade cycle, Inflation and Deflation.

UNIT-1	Concept of Macro Economics: Meaning, Scope, Types, Importance and Limitations, Interrelations between micro and macroeconomics, 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. आहुजा, (नवीन संस्करण), उच्चतर समष्टि अर्थशास्त्र, एस. चन्द एण्ड कम्पनी प्रा. लि., नई दिल्ली।



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Curriculum Framework based on NEP-2020

B.A./BA.B. Ed. /B.Sc. (Under Graduation) (SEMESTER-III)

Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-MDM-311	History of Economic Thoughts	5	1	6	IA (Mid)-40 EA (End Sem)-60

Learning Outcomes: - Students will be able to

- Economic ideas in their historical context.
- Develop critical thinking to assess economic theories.
- Connect economic thought to real-world policies.
- Apply historical insights to modern economic issues.

Unit Wise Learning Outcomes

- **UO-1:-** Student will learn about The Adam Smith, David Ricardo and Thomas Robert Malthus.
- **UO-2:-** Student will learn about The Karl Marx and Gossen.
- **UO-3:-** Student will learn about The J.R. Hicks, Ragner Nurkse and Alfred Marshall.
- **UO-4:-** Student will learn about The Kautilya, Dada Bhai Naoroji and Amartya Sen.
- **UO-5:-** Student will learn about The J.K. Gokhale, M.K. Gandhi etc.

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 Nurkse: 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 & Famines (18 Hours)
UNIT-V	J. K. Gokhale, M.K. Gandhi, B.R. Ambedkar, Deendyal Upadhyay, Ranade, J.K. Mehta. (18 Hours)

Essential Readings:

- एम. एल. डिंगन, एल. गरिमा, एम. शशिकला आर्थिक विचारों का इतिहास. वृंदा पब्लिकेशन प्राइवेट लि. नई दिल्ली।
- पुष्पा सिंह विकास का अर्थशास्त्र एवं आर्थिक चिन्तन का इतिहास. साहित्य भवन पब्लिकेशन आगरा।
- एम. एल. डिंगन आर्थिक विचारों का इतिहास वृंदा पब्लिकेशन प्राइवेट 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.जेन आर्थिक विचारों का इतिहास. कैलाश 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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B.A./BA.B. Ed. /B.Sc. (Under Graduation) (SEMESTER-III)

Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-AEC-311	Money and Banking	2	0	2	IA (Mid)-40 EA (End Sem)-60

Learning Outcomes: - Students will be able to

- Understand the structure and functioning of monetary systems.
- Understand about central banking and commercial bank.
- Develop critical thinking to assess economic theories.
- Gain knowledge of banking operations, such as deposits, loans, and credit creation.

Unit Wise Learning Outcomes

- **UO-1:-**Student will learn about money and its basic function.
- **UO-2:-**Student will learn about The supply of money and its measures.
- **UO-3:-**Student will learn about The inflation.
- **UO-4:-**Student will learn about The Commercial Bank.
- **UO-5:-**Student will learn about The Central Bank.

UNIT-1	Money: Meaning, Definition and Functions of Money, Primary and Secondary Functions, Classification and Importance of Money. (18 Hours)
UNIT-2	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-3	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-4	Commercial Bank: Functions of Commercial Bank, Significance of Credits Creation by Bank, Credits Creation and Multiplier, Limitations of Credits Creation. (16 Hours)
UNIT-5	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. (18 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. लालमुद्रा, बैंकिंग तथा लोक वित्तशिव 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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B.A./BA.B. Ed. /B.Sc. (Under Graduation) (SEMESTER-IV)

Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-DSM-411	Development Economics	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

- Understand the various economic growth theories and their application to different countries.
- learn to analyze and interpret key development indicators to assess a country's progress.
- Evaluate the impact of government policies on economic development and growth.
- Explore the causes and consequences of income inequality and poverty in developing economies.

Unit Wise Learning Outcomes

- UO-1:-Student will learn about The Basic Concept of Economic growth and development.
- UO-2:-Student will learn about The Classical theories of development.
- UO-3:-Student will learn about The different approaches of economic development.
- UO-4:-Student will learn about The Capital formation and capital-output ratio.
- UO-5:-Student will learn about The Human capital and human resources in India.

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	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
- 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.

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Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-MDM-411	Demography	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

- Calculate and interpret key demographic indicators such as population, birth rates, death rates, and migration flows..
- Understand the principles behind population growth, decline, and the demographic transition, and analyze their economic implications.
- Apply demographic concepts to economic analysis, including the impact of population on labor markets, social welfare systems, and economic development.
- Evaluate demographic policies and their socio-economic impacts, such as family planning, aging population policies, and immigration regulations.

Unit Wise Learning Outcomes

- UO-1:-Student will learn about The Demography and population theories.
- UO-2:-Student will learn about The methods of population projection.
- UO-3:-Student will learn about The Indian population.
- UO-4:-Student will learn about The migration and economic impact.
- UO-5:-Student will learn about The population aging and social welfare.

UNIT- 1	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- 2	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- 3	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)
UNIT- 4	Migration and Economic Impacts: Understanding the economic implications of international and internal migration; Brain drain vs. brain gain: effects on sending and receiving countries; Immigration policies and their economic consequences. (18 Hours)
UNIT- 5	Population Aging and Social Welfare: Analyzing the challenges posed by aging populations; Social security, healthcare, and pension systems in aging societies; Policy responses to support elderly populations. (18 Hours)

Essential Readings:

- Demography: The Study of Human Population" by David Yaukey and Douglas L. Anderton.
- Population: An Introduction to Concepts and Issues" by John R. Weeks.
- The Population Bomb" by Paul R. Ehrlich.
- Population and Development: A Critical Introduction" by Bill Freund.
- Population Matters: Demographic Change, Economic Growth, and Poverty in the Developing World" by Nancy Birdsall, Allen C. Kelley, and Steven Sinding.

Suggested Readings:

- An Introduction to Population Studies" by Lutz, W., Butz, W.P., and KC, S.
- Population: 10 Billion" by Danny Dorling.

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B.A./BA.B. Ed. /B.Sc. (Under Graduation) (SEMESTER-IV)

Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-SEC-411	Public Finance	2	0	2	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

- understand the principles of taxation, including equity, efficiency, and tax incidence.
- Assess the role of fiscal policy in managing government revenue and expenditure for economic stability.
- examine how public finance decisions allocate resources among competing needs and address market failures.

Unit Wise Learning Outcomes

- **UO-1:**-Student will learn about The Basic introduction of public finance.
- **UO-2:**-Student will learn about The Public and private sector.
- **UO-3:**-Student will learn about The Public expenditure.
- **UO-4:**-Student will learn about The Public revenue and taxation.
- **UO-5:**-Student will learn about The Public debt.

UNIT -1	Introduction: Meaning, Definition, Nature, Importance and Scope of Public Finance; Public, Private and Merits Goods; (17 Hours)
UNIT -2	Public Sector and Private Sector: Meaning, Objectives, Characteristics, Advantage and disadvantage. (15 Hours)
UNIT -3	Public Expenditure: Meaning, Classification, Principles and Canons of Public Expenditure; Theory of Maximum Social Advantage; Difference between Public Expenditure and Private Expenditure. (20 Hours)
UNIT -4	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. (18 Hours)
UNIT -5	Public Debt: Concept and Classification of Public Debt; Objectives, Importance and Limitation of Public Debt; Difference between Public and Private Debt. (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, लोकभारतीप्रकाशन, इलाहाबाद
- पी.डी.महेश्वरी, डॉ. शीलचन्द्रगुप्ता, लोकअर्थशास्त्र, कैलाशपुस्तकसदन, भोपाल
- वी.सी. सिन्हा, राजस्व, साहित्य भवनपब्लिकेशन्स, आगरा
- वी. एल. माथुर, भारतमेंलोकवित्त, साहित्य भवनपब्लिकेशन्स, 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.

(Prof. G.M. Dahiya) 2/10/20

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)

(SEMESTER-VI) ECO-DSM-511 International Economics					
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-DSM-511	International Economics	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90 Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

- Understand the various concepts of international trade.
- Understand the foreign trade sector in India.
- Evaluate the impact of international trade on development.
- Explore the causes and consequences of trade policy.

UNIT- 1	Concept International Trade: Meaning, Necessity, Importance, Scope; Advantages-Disadvantages and Effects of International Trade; Interregional v/s International Trade; Need for a separate theory of International Trade: Classical and Ohlin's view. (18Hours)
UNIT- 2	Theory of International Trade: Adam Smith's Theory of Absolute Cost Advantage; Ricardian Theory of Comparative Cost Advantage; Mill's Theory of Reciprocal Demand; Modern Theory of Factor Endowments (Heckscher-Ohlin theory). (18Hours)
UNIT- 3	Balance of Trade and Balance of Payments: Meaning and Components of Balance of Payments, Importance of Balance of Payments; Equilibrium and Disequilibrium of balance of Payment; Causes of disequilibrium and measures for correcting the disequilibrium. (18 Hours)
UNIT- 4	Foreign Exchange: Meaning & types of exchange rate; Concept of exchange rate: Purchasing Power Parity Theory, Balance of Payment Theory; Factors affecting rate of exchange. Exchange control: objectives, methods and effects. (18 Hours)
UNIT- 5	Trade Policy: Tariffs: Classification, Measurement and Effects; Optimum Tariffs; non-tariff barriers; Quota: Types and effects. Terms of Trade: Meaning and concepts of Terms of Trade, Factors affecting Terms of Trade. (18Hours)

Essential Readings:

- Carbough, R.J. (1999), International Economics, International Thompson Publishing, New York.
- डॉ. जी. सी. सिंघई, एवंजे. पी. मिश्रा—अंतराष्ट्रीय व्यापार एवं वित्त, साहित्य भवन प्रकाशन, आगरा।
- डॉ. वी.एस. सिन्हा—अंतराष्ट्रीय अर्थशास्त्र, साहित्य भवन प्रकाशन, आगरा, (उ.प्र.)।
- डॉ. के. एस. शर्मा—अंतराष्ट्रीय 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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(Prof. D. Bose)

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)

(SEMESTER-V)		ECO-MDM-511			Demography
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-MDM-511	Economics of Demography	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90 Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

- Gain a sound command over the basic tenets of demography as well as key demographic issues.
- Understand the inter-relationship between demographic processes and economic development
- Equip with the organs of population and basics sources of demographic data in the Indian economy.
- Understand the population policy and the study of its social characteristics.

UNIT- 1	Theory of Demography: Concept and Scope The ories of Population–Malthusian & Optimum Theory of Population & Theory of Demographic Transition Relationship between Population and Economic Development.. (18Hours)
UNIT- 2	Sources of Population data- Population Censuses, Vital Registration, Sample Registration System and large-scale demographic surveys. (18Hours)
UNIT- 3	Concepts and Measures of Population Growth: Measures of Crude Birth Rate, General Fertility Rate, Total Fertility Rate, Reproduction Rate, Gross Reproduction Rate and Net Reproduction Rate.CrudeDeath Rate –Infant Mortality,Life expectancy. Concept and factors affecting Quality of Population. (18Hours)
UNIT- 4	Migration & Urbanisation: Concept, types and measurement of migration. The ories of migration related to inter nalmigration–Harris Todaro Model Causes and consequences of internal migration; Trends and patterns migration in India. Urbanization its determinants and consequences, growth and distribution of rural-urban population in developed and developing countries. (18Hours)
UNIT- 5	Trends in Population-India and the World: Population Trends in Recent Years Population Projection Changing trends and patterns of sex ratio Concept of Demographic Dividend; Comparison between India and China National Population Policy 2000. Policies related to Health,Nutrition,Education,Training. (18Hours)

Essential Readings:

- Agarwal S.S.(1985)-'India's Population Problem'–Tata McGraw Hill Publication, Bombay.
- Bose,(2012), Studies in Demography, University of North Carolina
- P.K.Majumdar(2013), 'India's Demography:Changing Demographic Scenario in India', Rawat Publications.

Suggested Readings:

- Hans Raj(2007)–'Population Studies', Surjeet Publication, Delhi.
- Choubey,P.K.(2000),Population Policy in India, Kanishka Publications, New Delhi.
- Gupta J.A.(2000), 'New Reproductive Technologies: Women's Health and Autonomy, Indo Dutch Studies on Development Alternatives, Sage Publications, New Delhi.

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)

(SEMESTER-VI) ECO-SEC-511 Labour Economics					
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-AEC-511	Labour Economics	2	0	2	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.30Each Unit 6 hrs.

Learning Outcomes: - Students will be able to

- Understand the various concepts of Labour.
- Analyse functioning of the labor market .
- Evaluate the impact of government policies.
- Understand the changing policies on labor employment.

UNIT-1	Labour market- Meaning, Characteristics and classification; Demand and supply of labour- factors affecting demand; Causes of negative supply curve of labour. (6 Hours)
UNIT-2	Standard of living: Meaning, and causes of low standard of living; Efficiency of workers: Determinants, causes of inefficiency of Indian workers and suggestions for improving the efficiency. (6 Hours)
UNIT-3	Wages: Meaning, money and real wages, determinants of real wages; Theories of wages- marginal productivity theory and modern theory of wages determination; Fair wages, living wages and minimum wages. (6 Hours)
UNIT-4	Hours of work- effect of working hours, advantages of short working hours and dis-advantages of long working hours; Trade unions- meaning, definition, objectives, functions, types and importance of trade union. (6 Hours)
UNIT-5	Specific Labour issues in India – Child and Women Labour; Bonus system and Profit Sharing; Social Security,Recent reforms in Labour Laws. (6 Hours)

Essential Readings:

- Hajela, P.D. (1998), Labour Restructuring in India: A Critique of the New Economic Policies, Commonwealth Publishers, New Delhi.
- Papola, T.S., P.P. Ghosh and A.N. Sharma (Eds.) (1993), Labour, Employment and Industrial Relations in India, B.R. Publishing Corporation, New Delhi.

Suggested Readings:

- Datt,G. (1996), Bargaining Power, Wages and Employment : An Analysis of Agricultural Labour Markets in India, Sage Publications, New Delhi.
- Jhabvata, R. and R.K. Subrahmanya (Eds.) (2000), the Unorganised Sector: Work Security and SocialProtection, Sage Publications, New Delhi

Bos members

(Prof. J. K. Jain) (Prof. D. Bose) (Prof. U. Anand) (Dr. K. Tekam) (Dr. V. Thawre) (Prof. P.S.Kamble)

DEPARTMENT OF ECONOMICS

DR. HARISINGH GOUR VISHWAVIDYALAYA, SAGAR (M.P.)

(A Central University)

Curriculum Framework based on NEP-2020

B.A./BA.B. Ed. /B.Sc. (Under Graduation)

(SEMESTER-V)		ECO-AEC-511				Research Methodology- 1	
Course Code	Title of the Course	Credits			Marks		
		L	T	Total			
ECO-AEC-511	Research Methodology- 1	2	0	2	IA (Mid)-40 EA (End Sem)-60		

Lectures/ Hrs. 30 Each Unit 6 hrs.

Learning Outcomes: - Students will be able to

- Develop an understanding of various research techniques employed in the Management Science
- Understand Concepts and tools for analyzing socio economic problems
- Become familiar with research tools employed in management
- Gain practical experience in research techniques
- Develop research, writing, analytical, and critical thinking skills
- Feel confident to evaluate existing empirical work carry out your empirical work.

UNIT 1	Introduction to Research Methodology - Research, - Nature, Scope, Characteristics, Objectives, and Foundations of Research, Relationship between theory- and data, and what Motivation for Research. (6 Hours)
UNIT 2	Process in the Research (part 1) Stages of the Research Process. (6 Hours)
UNIT 3	Process in the Research (part 2) Report Writing. (6 Hours)
UNIT 4	Using Application: SPSS and STATA Applications. (6 Hours)
UNIT 5	Types of Research Exploratory Research – Focus Group, Observation Method, Survey Method, Visual and Content Analysis, Descriptive Research - Depth Interviews, Case Studies, Causal Research – Experimental Design. (6 Hours)

Essential Readings:

- Business Research Methods, William G. Zikmund, Thomson SW, 7th Edition, 2003
- "Business Research Methods", Donald R. Cooper and Pamela S. Schindler, Tata McGraw Hill Publishing Company Ltd, New Delhi, 2000
- "Research Methods for Business Students, Mark Saunders, Philip Lewis and Adrian Thornhill, 3rd Edition, Prentice Hall (Pearson Education Limited), 2003

Suggested Readings:

- "A First Course in Business Statistics", James T Mc Clave, P. George Benson and Terry Sincich, 8th Edition, Prentice Hall, 2001 –Price \$106.67
- "Analysis of Economic Data" Gary Koon, John Wiley & Sons 4th Edition 2004

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)

(SEMESTER-VI)					
ECO-DSM-611Indian Economy					
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-DSM-611	Indian Economy	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90 Each Unit 18 hrs.

Learning Outcomes: - Students will be able to

Learning Outcomes:

- * Acquaint with basic features of Indian economy.
- * Review Indian economy in macro perspective.
- * Describe scenario of growth of India.

UNIT-1	Nature of Indian Economy : India : An Underdeveloped Economy- India: A Developing Economy .(18 Hours)
UNIT-2	Macroeconomic Overview : National Income (NNP) Trends – Per Capita National Income- Services Led Growth- National Product by Industry Origin (18 Hours)
UNIT-3	Indian Agriculture: Role of Agriculture in Indian Economy – Nature of India's Agriculture- Cropping Pattern in India (18 Hours)
UNIT-4	Industry Sector of India: Industrial development in India- Small Scale and Cottage Industries in India- Industrial Policy- Public sector in India- Privatisation of Public Sector Enterprises (18 Hours)
UNIT-5	Service Sector in India: Growth and contribution of Services Sector in India- Rapidly Growing Services- Share of Services in Employment – Foreign Trade in Services (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 बी. 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:

- Puri V K & Mishra S K (2023), Indian Economy, Himalaya Publishing House, Mumbai
- Datt & Nag (2023), Indian Economy, S. Chand Publishing House, Delhi
- Government of India (2023), Economic Survey of India, New Delhi,

Dr. J. K. Jain
Dr. B. Bose

(Prof. J. K. Jain)

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(Prof. U. Anand)

(Dr. K. Tekam)

(Dr. V. Thawre)

(Prof. P.S.Kamble)

- Reserve Bank of India (2023), Annual Report and Other Publications, Mumbai
- Government of India (2023), India Yearly, New Delhi
- Singh, Ramesh (2023), Indian Economy, Tata Mc Graw Hill, Delhi
- Bramhananda, P R and Panchmukhi V R (Eds) (1987), The Development Process of the Indian Economy, Himalaya Publishing House, New Delhi
- 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.

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(SEMESTER-VI) ECO-MDM-611 Economics of Education and Health					
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-MDM-611	Economics of Education and Health	5	1	6	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90 Each Unit 18 hrs.

Learning Outcomes: -

- Understand basics of Economics health and education .
- Equip with theories of health.
- Analyse the theory of education.

UNIT-1	Basic Economics of Health and Education :Role of health and education in human development: health and education outcomes and their relationship with macroeconomic performance (18 Hours)
UNIT-2	Health economic theory: demand for health, Grossman's model of demand for health, information asymmetry in healthcare demand, and the health insurance market, physician-induced demand, adverse selection and moral hazard in health insurance. (18 Hours)
UNIT-3	Economic evaluation of health care: cost-effectiveness and cost-benefit analysis; valuing life (18 Hours)
UNIT-4	Public policy in the health sector; externalities in health and health care; rationale for government intervention in the health sector.(18 Hours)
UNIT-5	Education: investment in human capital; rate of return to education: private and social; quality of education; signaling of human capital; theories of discrimination; gender and caste discrimination in India. (18 Hours)

Essential Readings:

- Bhattacharya, J., Hyde, T., Tu, P. (2014). Health economics, Palgrave Macmillan.
- Ehrenberg, R., Smith, R. (2012). Modern labor economics: Theory and public policy, 11th ed. Addison Wesley.
- World Development Report (1993). Investing in Health. The World Bank. 38
- World Health Organisation (2013). The economics of the social determinants of health and health inequalities: A resource book.

Suggested Readings:

- World Health Organisation. Teaching Learning Process Lectures and tutorials Assessment Methods Internal assessment and final examination as per CBCS rules Keywords Education, health, economics, India Environmental Economics (HEG3) Discipline Specific Elective (DSE) Credit:

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 (Prof. J. K. Jain)

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(SEMESTER-IV) ECO-AEC-611 Indian Economic Thought					
Course Code	Title of the Course	Credits			Marks
		L	T	Total	
ECO-SEC-611	Indian Economic Thought	1	1	2	IA (Mid)-40 EA (End Sem)-60

Lectures/ Hrs.90 Each Unit 6 hrs.

Learning Outcomes: - Students will be able to

- Understand the various concepts of Indian Economist.
- Understand the thoughts of dada bhainaraji.
- Understand the thoughts of B. R, Ambedkar.

UNIT-1	Dadabhai Naoroji (6 Hours)
UNIT-2	Gopal Krishna Gokhale, B.R. Ambedkar, (6 Hours)
UNIT-3	P. C. Mahalanobis, V.K.R.V. Rao(6 Hours)
UNIT-4	AmartyaSen,JagdishBhagwati(6 Hours)
UNIT-5	RaguramRajan, Arvind Subramanian(6 Hours)

Essential Readings:

- Mehrotra, S. and J. Richard (1998), Development with a Human Face; Oxford University Press, New Delhi.
- ड्रिगन एम एल विकास का अर्थशास्त्र एवं आयोजन वृद्धा पब्लिकेशन प्रा. लिमिटेड नई दिल्ली.
- सिन्हा वी. सी. आर्थिक वृद्धि एवं विकास वृद्धा पब्लिकेशन प्रा. लिमिटेड मेरठ.
- पन्त जे सी भारतीय अर्थव्यवस्था साहित्य भवन वृद्धा पब्लिकेशन प्रा. लिमिटेड आगरा
- दत्ता 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.

For marking

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B.A./BA.B. Ed. /B.Sc. (Under Graduation)

(SEMESTER-VI)		ECO-AEC-611				Research Methodology- II	
Course Code	Title of the Course	Credits			Marks		
		L	T	Total			
ECO-AEC-611	Research Methodology- II	2	0	2	IA (Mid)-40	EA (End Sem)-60	

Lectures/ Hrs.90Each Unit 6 hrs.

Learning Outcomes: - Students will be able to

- Develop an understanding of various research techniques employed in research.
- Understand Concepts and tools for analyzing socio economic problems
- Become familiar with research tools employed in research.
- Gain practical experience in research techniques use
- Develop research, writing, analytical, and critical thinking skills
- Feel confident to evaluate existing empirical work and carry out empirical research.

UNIT 1	Data Collection – Methods: Primary Data and Sources of Secondary Data Interview and Questionnaire Methods: Questionnaire Design, Pre-test, Telephone Interviews, Personal Interviews, Mail Surveys, e-mail Surveys-- Advantages and Disadvantages of using Secondary Data. (6 Hours)
UNIT 2	Data Analysis PART 1: Parametric TestsT-test, Z-test and F-test. (6 Hours)
UNIT3	Data Analysis PART 2: Non-Parametric TestsChi-Square test. (6 Hours)
UNIT 4	Data Analysis: <u>Univariate & Bivariate Statistics</u> Descriptive and Inferential Statistics, ANOVA, Correlation, simple Regression and Multiple Regression, Regression with Dummy Variables. (6 Hours)
UNIT 5	Research Report: Procedure for writing a Research Report – Title, Declaration, Certificate, Acknowledgments, Characterisation, Synopsis / Executive Summary, Introduction, Review of Literature, Problem Definition, Methodology, Data Analysis, and Study Limitations. (6 Hours)

Essential Readings:

- Gary Koop, John, "Analysis of Economic Data" Willey & Sons, 4th Edition, 2004
- Damodar N Gujarathi, "Basic Econometrics", , 4th Edition, TATA Mc GRAW-HILL, 2004
- Ramu Ramanathan, "Introductory Econometrics With Applications" 5th Edition, Harcourt College Publishers, 2002