

Subject Name- Econometrics

Econometrics its definition , scope and methodology of econometrics. Nature and sources of data for econometrics analysis. Specification of econometric model. Simple regression model; estimates of OLS and their properties. Statistical inference; test of specification and test of restrictions. Test of unit- 1 (OLS estimators of simple linear regression model and their statistical properties.

October 2022

Econometric problems; nature , consequences, detection and remedial measures of the problem of multicollinearity, heteroscedasticity and autocorrelation. Test- Autocorrelation its consequences and remedial measures of the problem of autocorrelation.

November 2022

Dynamic model- lags in econometrics, autoregressive lags and distributed lags model. Koyck model. Simultaneous equation model- introduction , identification problems, simultaneous equation bias and ILS and 2SLS methods of estimation. Test - Koyck model

December 2022

Test procedures and model selection; test of specification and misspecification measurement error, encompassing models and criteria for model selection. Test- criteria for model selection.

Hons. 3rd sem

Course name - B.A

Subject name- Statistics for economic analysis

September 2022

Introduction of basic concepts such as population, sample, parameters, statistics, frequencies distribution, cumulative frequency distribution, diagrammatic and graphic presentation of data . data collection, census and sampling method. Sampling and non sampling error, primary and secondary data. Test - types of data and difference sources of data collection.

October 2022

Measures of central tendencies A.M., G.M., H.M., Median, Quartile, Deciles, Percentile, Mode. Test- median

November 2022

Measures of Dispersion , range , inter- quartile range , quartile deviation, standard and mean deviation, Lorenza curve , skewness and curtosis. Test- mean deviation or standard deviation.

December 2022

Index number - concept , price relatives and value relative . passche , lespeyre and fisher index. Family budget method . problems in construction of index number . test of an ideal index. Chain index number , base shifting and deflating of index numbers. Cost of living index. Test- family budget method.

Course name- B.A Hons 1st sem

Subject name-mathematics for Economics
September 2022

Fundamentals of Matrices; determinants, solution of a system of upto 3 equations by matrix inversion and cramer's rule.

Input -output analysis- static open model.

Test- cramer's rule and inversion method.

October 2022

Basic real system, setd and set operations, relations and functions, inverse functions . solutions of linear equations in two variables , quadratic , logarithms and exponents.

Exogenous nd endogenous variables.

Test- solutions of quadratic equations.

November 2022

Differentiations – idea of limit, meaning and economic interpretations of derivatives. Rule of differentiations including logarithmic and exponential functions.

Unconstrained optimization- sigle choice variable , global and local.

Test- economic interpretation of derivatives

December 2022

Calculate of multivariable functions, higher order derivatives, constrained optimizationnwith upto two equality constraints.

Test- higher order derivatives.

Course name- B.Com.Hons -1st sem

Subject name- fundamentals of Economics

September 2022

The concept of demand and elasticity of demand and supply.

Demand curve; movements and shifts in demand curve, elasticity of demand, price, income and cross. Concept of revenue , marginal and averages , revenue and elasticity of demand.

Test- price elasticity of demand.

October 2022

Consumer behaviour ; notion of indifference and preference.

Indifference curve analysis of consumer behaviour. Consumer equilibrium. Price elasticity and price consumption curve . income consumption and eagle curve . price change and income and substitution effect.

Test- price, income and substitution effect.

November 2022

Consumer surplus; indifference curves as an analytical tool (case subsidy Vs kind subsidy). Revealed preference. Test- consumer equilibrium under indifference curve

December 2022

Production- fixed and varable inputs, production function, total, averse and marginal products, law of variable proportions. Linear homogenous production function.

Production isoquents, marginal rate of technical substitution .economic region of production, optimal combination of resources, the expansions path, isocline, returns to scale.

Test- law of variable proportion

Name- Sushila, Assistant Professor (Economics)

Lesson Plan Session 2022-23 (Odd Sem) Dept. of Economics

Class: B.A (Hons) 1st Sem Paper: Indian Economy Problems and Prospects-I

Month	Topic
August-September	Features and Characteristics of Indian Economy, Economic planning in India
October	Population: Problem of over population and population control, Features of India's population, Problem of poverty in India.
November	Inter State Disparities in the pattern of Development, Structural changes in the distribution of Income and workforce.
December	Problem of Unemployment in India, growth trends, causes of slow growth and future challenges of agriculture in India, Green revolution.

Name- Sushila, Assistant Professor (Economics)

Lesson Plan Session 2022-23 (Odd Sem) Dept. of Economics

Class: B.A (Hons) 3rd Sem Paper: Macro Economics-I

Month	Topic
August- September	Nature and scope of Macro Economics, difference b/w Micro and Macro Economics and importance of Macro Economics, Concepts, measurement and limitations of National Income.
October	Circular flow of income in two, three and four sector Economy, Classical theory of income and employment determination, Keynesian theory of income and employment determination.
November	Consumption function, technical attributes of consumption, Keynesian psychological law of consumption and its implications, income consumption relationship: absolute, relative and permanent income hypothesis.
December	Types of investment, determination of level of investment, marginal efficiency of capital (MEC), classical and Keynesian theory of investment (marginal efficiency of investment), saving-investment equality.

Name- Sushila, Assistant Professor (Economics)

Lesson Plan Session 2022-23 (Odd Sem) Dept. of Economics

Class: B.A (Hons) 5th Sem

Paper: History of Economic Thought -I

Month	Topic
August-September	Nature and importance of Economic Thought, Mercantilism: views on trade money and prices
October	Physiocracy: natural order, net product and circulation of wealth Classical political Economy.
November	Adam Smith: theories on value and distribution, Ricardian Economics: value analysis, theories of trade and distribution.
December	J. S. Mill: theory of value, views on production and distribution, classical stationary state with special reference of Mill's view.

Name- Sushila, Assistant Professor (Economics)

Lesson Plan Session 2022-23 (Odd Sem) Dept. of Economics

Class: B.A (Hons) 5thSem

Paper: International Economics-I

Month	Topic
August-September	Internal and international trade, differences and similarities b/w Internal and international trade, Theory of absolute advantage of international trade.
October	Comparative advantage and opportunity cost theory of international trade, <u>Heckscher-Ohlin</u> theory of trade- its main features, assumptions and limitations.
November	Concepts and components of balance of trade and balance of payments, equilibrium and disequilibrium in BOP, various measures to correct deficit in BOP, meaning and concept of exchange rate.
December	Determination of exchange rate, fixed v/s flexible exchange rates, managed floating exchange rate, <u>Brettonwood</u> system and its breakdown, international liquidity, SDR, IMF.

Lesson Plan 2022-23

Class - B. A. Eco (Hons) 5th Sem
Subject - Agriculture Economics
Name - Monika Naula

August - Introduction & Role of Agriculture in Economics

September - Introduction, Scope and Nature of Agriculture Economics, Agriculture linkages with other sectors, Importance of Agriculture Economics.

Oct - Factor-Product, factor-factor and Product-Product relationship. Types of farm organizations & their comparative production efficiency.

Nov - Transformation of agriculture: Schultz thesis of transformation of traditional agriculture and Green Revolution in Indian Agriculture.

Dec - Agriculture Credit and Agriculture Price Policy
Need, objectives and Price Policy.

Monika Naula
Dept. of Economics

Lesson Plan 2022-23

Class - B.A. Eco (Hons) 3rd Sem
Subject - Welfare Economics
Name - Monika Narula

August - Introduction of welfare Economics.

September - Benthamite Approach to Aggregate welfare, optimum Resource Allocation and welfare Maximization.

Oct. - Assumption of Uniform Income - Utility function of Individuals, Questions of Income Distribution, Issue of Interpersonal Comparisons of Utility.

Nov. - Marshallian welfare Economics, Consumer's Surplus, Measurement of Consumer's Surplus - Difficulties involved, criticism.

Dec. - Principle of Compensating Variation; Hick's Surplus; Concept of Consumer's Surplus; Consumer's Surplus and Tax-Bounty Analysis.

Monika Narula
Dept. of Economics

Class - B. Com 4th Sem
Subject - Business Economics
Name - Manika Narula

August - Introduction about the subject and Basics of Economics.

September - Basic Problems of an economy, working of price mechanism, concept of elasticity of demand, measurement, importance, determinants of elasticity of demand, average revenue, marginal revenue, elasticity of supply.

Oct - Introduction of market and different form of markets. Perfect Competition and features, Monopoly and features, Monopolistic and features etc.

Nov - Theory of consumer behaviour with the help of Utility Analysis. Indifference curve Analysis with the help of table & graphs. Assignment will be taken in this month.

December - Law of variable proportions; Isoquants; Economic regions and optimum factor combination; expansion path; returns to scale; Internal and external economies and diseconomies; Ridge lines.

Theory of Cost; Short Run & Long Run cost curve.

Traditional & Modern approaches. Test will be conducted in this month.

Manika Narula

Manika Narula
Dept. of Economics

LESSON PLAN

Name- Seema Yadav, Assistant Professor(Economics)

B.A. Eco(Hons.) SEMESTER-I YEAR 2022-23

MICRO ECONOMICS-I

Sl No	Month	Topic
1.	August	Introduction and basic concepts: Nature and scope of micro economics.
2.	September	Basic Economic Problem - Choice and Scarcity, Methodology of Economics -Inductive and Deductive methods, Positive vs. Normative Economics, Static and Dynamic Analysis, Partial vs. General Equilibrium Analysis.
3	October	Demand analysis: Law of Demand, demand of a firm and Market; Elasticity of Demand - Price, Cross and Income Elasticity of Demand - Measurement of price Elasticity of Demand; Consumer Behaviour: Theories of Demand; Cardinal Utility approach; Indifference curve, Consumers equilibrium. Price, Income and Substitution effects (Hicks Allen & Slutsky method), Revealed Preference Theory.
4	November	Theory of production and cost: Production Function - The Law of Variable Proportions; Returns to Scale-Isoquant; Least Cost Combination and Producer's Equilibrium, Traditional and Modern theories of Costs, Cost-output relation. Class test.
5	December	Price and output determination: Perfect competition: Features, Price determination in short and long run Equilibrium of Firm and Industry, Monopolistic competition – features, equilibrium of the firm with product differentiation and selling cost. Monopoly: Price and output determination, Price discrimination, Bilateral Monopoly. Revision.

LESSON PLAN

Name- Seema Yadav, Assistant Professor(Economics)

B.Com.(Pass) SEMESTER-I YEAR 2022-23

Business Economics

Sl No	Month	Topic
1.	August	Introduction: Basic problem of an economy: working of price mechanism.
2.	September	Concept of Elasticity of demand; measurement, importance, determinants of elasticity of demand, Average revenue; marginal revenue and elasticity of demand and elasticity of supply.
3	October	Production Function: Law of variable proportions; Isoquants; Economic regions and optimum factor combination; expansion path; returns to scale; Internal and external economies and diseconomies; Ridge lines; Theory of costs: concepts of cost; Short run and Long run cost curves- Traditional and Modern approaches.
4	November	Theory of consumer behaviour, utility and indifference curve analysis. Class test.
5	December	Market, classification and structure. Revision.

LESSON PLAN

Name- Seema Yadav, Assistant Professor(Economics)

B.A. Eco(Hons.) SEMESTER-III YEAR 2022-23

Economic History of India:1857-1947

Sl no	Month	Topic
1	August	Why study economic history, the problems in interpreting India's past.
2	September	The state of the Indian Economy on the eve of independence, Indian Economy in the mid-nineteenth century, growth of the empire and systems of land settlements in the Colonial India
3	October	Transformation of the traditional village – economy during the British rule, Commercialization of agriculture – its causes and consequences, Emergence of agricultural labour as a category, movement of agricultural wages and prices during the period – problems of rural indebtedness.
4	November	The state of industrial development in mid-nineteenth century India, the de-industrialization thesis –its statement and validity, emergence of modern capitalist industrial enterprise in India – Textile (Jute and Cotton), Iron & Steel, Cement, Coal, Tea. Class test.
5	December	Foreign capital in Colonial India – its extent and impact; foreign-trade-growth and composition 'guided under-development' of India under the British rule; evolution of provincial finance, the nature and problem of public debt; Economic drain from India - form, extent and consequences. Revision.

LESSON PLAN

Name- Seema Yadav, Assistant Professor(Economics)

M.Com. SEMESTER-I YEAR 2022-23

Managerial Economics

Sl no	Month	Topic
1	October	<p>Introduction: Nature, Scope and significance of managerial economics, its relationship with other discipline, role of managerial Economics in Decision making, Fundamental economic concepts, consumer Behaviour and Demand Analysis, cardinal and Ordinal Approaches to consumer Behaviour, demand estimation and forecasting.</p> <p>Theory of production and Cost: managerial uses of production function, short run and long run production analysis, isoquants, optimal combination of inputs, Empirical estimation of production function,</p>
2	November	<p>Theory of production and Cost: traditional and modern theory of cost in short and long runs, economies of scale and economies of scope, empirical estimation of Cost function, Behaviour of firm under various market situations: Prisoner's dilemma- price and non-price competition. Macro-Economic: Meaning, nature and scope, circular flow of income, multiplier, accelerator, and marginal efficiency of capital. Economic growth: measurement and determinants. Inflation: definition, types and strategies to counter inflation. Class test.</p>
3	December	<p>Budget and budgetary deficit: deficit meaning, public debt operations and its management. Balance of payments management, management of internal and external balance, balance of deficit management, foreign exchange reserve, foreign exchange rate management and its role in managerial decision making, foreign exchange flow. Business cycle and its relevance to managerial economist. Revision.</p>

Lesson Plan

Name - Kamal Devi
Class - B.A 1st Year Pass Course.
Subject - MICRO ECONOMICS.

September + Scarcity and choice, functions of an economic system, Circular flow of economic activities, System of economic organisation, Micro and Macro economics / Law of demand, Elasticity of demand, Concept Types, Measurement, Determinants and importance.

October + Concept of utility, Cardinal utility analysis, Marginal and total utility, consumer's equilibrium, Derivation of demand curve, Consumer's surplus. Indifference curves analysis, Characteristics, Budget line, Marginal rate of substitution, consumer's equilibrium, Price, Income and substitution effects, derivation of demand curve.

November + Firm as an agent of production, Law of variable proportions, Returns to scale, Characteristics of iso-quants, Ridge lines, Least cost combination of factor, Internal and external economies and diseconomies, Movements and shifts in supply curve, Elasticity of supply.

December + Concept of costs, Short period costs and Long period costs, Modern theory of costs, Concepts of revenue, Total Average and Marginal revenue and their Relationships. Break even analysis and its uses.

Kamal Devi (Economics dept.)

Lesson Plan

Name ÷ Kamal Devi
Class ÷ B.Com. Ist sem Pass Course.
Subject ÷ Business Economics.
sec ÷ D and E

September ÷ Basic problems of an economy, Working of Price mechanism, concept of elasticity of demand, Measurement, importance, determinates of elasticity of demand, average revenue, marginal revenue and elasticity of demand.

October ÷ Elasticity of supply, Law of variable proportions, Isoquants, Economic regions and optimum factor combination, Expansion path, returns to scale, Internal and external economies and diseconomies.

November ÷ Ridge lines, Theory of cost, concepts of cost, Short run and Long run cost curves, Traditional and Modern approaches.

December ÷ Theory of consumer behaviour, utility and indifference curve analysis, Market, classification and structure.

Kamal Devi (dept. of Economics)

Lesson Plan

Name - Kamal Devi^o
Class ÷ B.A. IIIrd sem Pass Course.
Subject ÷ Macro Economics - I

- August ÷ Nature and Scope, Macroeconomics issues in an Economy. concepts of GDP and National Income.
- September ÷ Measurement of National Income and Related Aggregates, Nominal and Real Income, Limitations of the GDP Concept. Methods of Measurement of India's National Income by CSO. Actual and Potential GDP. Aggregate Expenditure + Consumption function,
- October ÷ Investment function, Equilibrium GDP, concepts of MPC, APC, MPS, APS, Autonomous Expenditure The Concept of Multiplier.
- November ÷ Fiscal Policy - Impact of changes in Govt. Expenditure and taxes, Net Export function, Net Exports and equilibrium GDP.
- December ÷ Aggregate Demand and Aggregate supply, Multiplier analysis with AD Curve and Price Level Changes, Aggregate Supply in Short and Long Run.

Kamal Devi^o (dept of Economics)

Lesson-Plan (2022-23)

Name - DR. Anju Yadav

Class - B.A. (Pass Course) 5th Sem

Subject Name - Development Economics

Subject code - EC-05

August -! Features of underdeveloping countries.

September -! Economic growth and development, measurement of Economys development, vicious circle of poverty. determinants of development

October -! Balance and unbalanced growth theories. Lewis model and Leibenstein's critical minimum effort Thesis.

November -! Environment, meaning, features and components of environment, features of Environment as a ~~Public~~ public good, Sustainable development meaning, Indicators,

December -! measurement and Importance of Sustainable development. Natural Resources, Environmental Pollution.

Ann = (EC05PT)

Lesson Plan (2022-23)

Name - DR. Anju Yadav

Class - B.Com (Pass course) Ist Sem

Subject - Business Economics

Sec. 'B'

September -! Basic Problems of an economy, working of Price mechanism, concept of elasticity of demand measurement, Importance determinates of elasticity of demand

October -! Average revenue, marginal Revenue and elasticity of demand. market classification and structure.

November -! Ridge lines, Production Function, Law of Variable Proportions, Returns to scale, internal and external Economies and diseconomies, Theory of cost, Concept of cost.

December -! Theory of consumer behaviour, utility and Indifference curve analysis.

Anju (Ecodebt)

Lesson Plan (2022-23)

Name - DR. Anju Yadav
Class - B.A. (Hons) 3rd Sem (Eco)
Subject - Development Economics
Subject code - EC-13

August - Basic concepts of Economic development, Economics growth and development, Concept of underdevelopment and basic characteristics.

September - Determinants and measurement indicators (POLI and HDI) of Economic development, Sustainable Economic development

October - Vicious circle of Poverty, Lewis dual economy model, Leberstein critical minimum effort Theory, balanced and unbalanced growth Theories.

November - Theories of Economic development, Adam Smith's Theory, Karl Marx's Theory, Introduction, main Ideas of Karl Marx, Schumpeter's Theory,

December - Economic Planning and Policy, development Planning Rationale, strategies and objectives of Planning, Role of state and capital formation in Economic development

Anju (Ecodept)

Lesson Plan (2022-23)

Name - DR. Anju Yadav

Class - B.A. (Hons.) 5th Sem

Subject - Basics of Financial Markets

August - Financial market meaning.

September - Classification of Financial market, The Role of Financial markets in the Economy, Financial Instruments,

October - Types and Properties of Financial instruments.
Call money market, Treasury bill market, Commercial Bill market, market for derivatives, Futures and options

November - market for gilt-edged securities, Classical and Keynesian, Term structure of Interest rates, Theories of interest rate, structure, Expectational Theory, Segmentation Theory.

December - Regulation of Financial markets, function of SEBI, Insurance Regulatory and development Authority (IRDA) and Reserve bank of India (RBI).

Anju = (Economics Dept)