

Government Degree College- NAGARI (A)

CHITTOOR DT

(Accredited by NAAC with A+ Grade, CGPA: 3.28)

Department of Economics- Syllabus

BA (Minor- Economics) I Year

Semester 2 – w.e.f 2024-25



Course-1: MICRO ECONOMICS (4 hours/ week) 4 Credits

Unit-1: Introduction to Economics

Economic Activities and Economic System; Definition, Scope and Importance of Economics • Fundamental problems of economics: Scarcity and Choice, Production Possibilities Curve • Meaning and Scope of Microeconomics; Differences between Micro and Macro Economics • Principles of Microeconomics: Equilibrium, Optimization, Welfare; Methodology in Economics: Positive and Normative

Unit -2: Demand and Consumption

Demand: Meaning, Types and Factors; Law of Demand • Elasticity of Demand: Meaning, Price, Income and Cross Elasticities • Utility: Meaning, Types, Importance; Marginal Rate of Substitution (MRS), DMRS • Indifference Curves (IC): Concept, Properties; Budget Line; Consumer Equilibrium under IC

Unit -3: Production and Supply

Firm: Concept and Objectives; Production and Factors of Production; Concepts of Production, Cost and Revenue: Total, Average, Marginal • Production Function: Meaning and Types; Cobb- Douglas Production Function • Law of Variable Proportions; Laws of Returns to Scale • Supply: Meaning, Factors, Law of Supply, Elasticity of Supply

Unit-4: Markets

Market: Concept and Classification; Perfect Competition: Characteristics, Equilibrium of Firm and Industry • Monopoly: Characteristics, Equilibrium, Price Discrimination • Monopolistic Competition: Characteristics, Equilibrium, Selling Costs • Oligopoly: Characteristics, Types, Kinked Demand Curve Model

Unit - 5: Distribution

Distribution: Meaning, types and importance • Rent: Ricardian Theory of Rent, Marshallian Quasi Rent • Theories of Wage: Subsistence Theory, Modern Theory • Theories of Interest: Classical Theory, Loanable Funds Theory • Theories of Profit: Risk and Uncertainty Theory, Innovations Theory

BA (Minor- Economics) II Year

Semester 3 Syllabus – w.e.f 2024-25

Course -2: MACROECONOMICS (4 hours/ week) 4 Credits

Unit - 1: Introduction to Macroeconomics and National Income

Macroeconomics: Definition, Scope and Importance; Macroeconomic Variable: Stock and Flow • Circular Flow of Income: Two, Three and Four Sector Models • National Income: Definition, Concepts, Importance • Measurement of National Income and Difficulties

Unit -2: Theories of Employment, Consumption and Investment

Classical Theory of Employment: Assumptions, Say's Law of Market, Pigou's Wage Price Flexibility, Classical Model, Criticism • Consumption: Factors, Consumption Function, Keynes' Psychological Law of Consumption • Investment: Types, Factors, Investment Function; Marginal Efficiency of Capital, Multiplier and Accelerator • Keynesian Theory of Employment: Assumption, Concepts and Model

Unit – 3: Money and Banking

Money: Definition, Types, Functions; RBI classification of Money • Theories of Money: Fisher and Cambridge • Banking: Definition, Types, Importance, Functions; NBFCs• Central Bank: Objectives, Functions, Monetary Policy

Unit – 4: Inflation and Trade Cycles

Inflation: Meaning, Types, Importance, Measurement • Causes, Consequences and Controlling of Inflation • Inflation vs Unemployment, Phillip's Curve • Trade Cycles: Phases, Causes and Controlling Measures

Unit -5: Financial Market and Macroeconomic Policies

Financial Markets: Types, Instruments, Functions • Stock Market: Functions, Indices Sensex and Nifty • Macroeconomic Policy: Targets, Indicators and Instruments; Fiscal Policy and Crowding-Out Effect • Neo-classical and Keynesian Synthesis: IS-LM Basic Model

BA (Minor- Economics) II Year
Semester 4: Syllabus – w.e.f 2024-25

Course- 3: INDIA AND A.P ECONOMY (4 hours/ week) 4 Credits

Unit 1: Basic Features, Planning and Human Development in India

Basic characteristics of Indian Economy as a developing economy • Economic development since independence, Economic Structure and its changes in India • Planning Commission: Objectives, major strategies and achievements; NITI Ayog its approaches to economic transformation in India • Trends in Human Development Index in India and Measures to Improve

Unit 2: National Income, Demography and Developmental Issues

Trends in National income; Demographic Features • Poverty and Inequalities; Occupational Structure and Unemployment • Various Schemes of employment generation and eradication of poverty • Issues in Rural and Urban Development; Labour Migration: Challenges and Measures

Unit 3: Agricultural and Industrial Developments

Indian Agriculture: Agricultural Reforms, Agricultural Strategies and Agricultural Policy • Agricultural Credit; Agricultural Price Policy & MSP • Indian Industry: Economic Reforms and New Industrial Policy • Industrial Development Programs: Make-in India, Start-up, Stand-up, Industrial Corridors

Unit-4 Indian Public Finance

Indian Tax System and Recent changes; GST and its impact on Commerce and Industry • Centre, States Financial relations; Recommendations of Recent Finance Commission • Fiscal Policy: Status and Issues in Public Expenditure and Public Revenue • Status and Issues in Public Debt and Budget Deficits; Analysis of Latest Budget

Unit- 5 Andhra Pradesh Economy

Basic characteristics of Andhra Pradesh economy after bifurcation in 2014; Impact of bifurcation on the Economy • Challenges in industrial Development and new initiatives • Challenges in Agriculture and Rural Development and new Initiatives • Social Welfare Programmes and other measures to address Issues of Poverty and Unemployment; Skill Development Initiatives,

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Semester 4: Syllabus – w.e.f 2024-25

Course-4: STATISTICAL METHODS FOR ECONOMICS

(4 hours/ week) 4 Credits

Unit – 1: Introduction to Statistics

Nature and Definition of Statistics, scope, importance and limitations of Statistics • Primary and Secondary data • Census and Sampling techniques and their merits and demerits • Schedule and questionnaire, Collection of data • Applications in economics

Unit – 2: Diagrammatic Analysis

Data: Meaning and Types; Frequency distribution • Tabulation, Graphical presentation of data: Line graph, Histogram, Frequency Polygon, Cumulative Frequency Curves • Diagrammatic presentation of data: Line, Bar, Pie Diagrams • MS.Excel for Diagrammatic Analysis; Applications in economics

Unit – 3: Measures of Central Tendency and Dispersion

Averages: Arithmetic Mean, Median, Mode, Geometric Mean, Harmonic Mean • Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation • MS. Excel for Measures of Central Tendency and Dispersion; Applications in economics

Unit – 4: Correlation and Regression

Correlation: Concept, Definition and Use • Types of Correlation: Karl Pearson's Correlation coefficient, Spearman's Rank Correlation • Regression: Concept, Definition, Use, Regression Equations, Demand forecasting • MS Excel for Correlation and Regression; Applications in economics

Unit – 5: Time Series and Index Numbers

Time Series: Definition and Components; Measurement of Time Series: Moving Average and the Least Squares Method • Index Numbers: Concepts of Price and Quantity Relatives, Laspeyres, Paasche's and Fisher's Ideal Index Numbers • Uses and Limitations of Index Numbers • MS Excel for Index Numbers; Applications in economics

BA (Minor- Economics) II Year
Semester 5: Syllabus – w.e.f 2024-25

Course-5: INFERENTIAL STATISTICS AND SOFTWARE PACKAGES

(4 hours/ week) 4 Credits

Unit 1: Concept and Theories of Probability

Concept and Definitions of Probability: Classical or Mathematical and Empirical or Statistical Axiomatic Approach to Probability • Theorems of Probability: Addition and Multiplication (without proofs).

Unit 2: Theoretical Probability Distributions

Binomial Distribution: Constants (without proof) and Properties and Applications • Poison Distribution: Constants (without proof) and Properties and Applications • Normal Distribution: Constants (without proof) and Properties and Applications • Standard Normal Distribution, Standard Normal Curve and their Applications

Unit 3: Test of Significance - Large and Small Sample Tests

Steps involved in Testing of Hypotheses; Testing the difference between Means and Proportions • Large Sample or Z-Test, Small Sample Tests, Difference between them • Applications of Student's t-test, χ^2 test, F-test • One way and Two-way ANOVA

Unit 4: Linear Multiple Regression Model •

Three Variable Linear Multiple Regression Model: Notation, Assumptions • Estimation of Partial Regression Coefficients – Interpretation of Regression coefficients • Testing the coefficients: t-test, p- value • Coefficient of Determination: R^2 and adjusted R^2

Unit 5: Excel and SPSS for Data Analysis

Excel: Worksheet, Creating Tables, Graphs and Charts • Mathematical and Statistical Functions in Excel and Data Analysis Pack: Descriptive Statistics, Correlation and Regression • SPSS: Introduction, Opening Excel files in SPSS, Analysis Tools: Descriptive Statistics • Estimation of Regression Coefficients using SPSS and their interpretation.

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Semester 5: Syllabus – w.e.f 2024-25

Course-6: Urban Entrepreneurship and MSMEs
(4 hours/ week) 4 Credits

Unit-1: Entrepreneurship: Concept and Theories

Concept and Importance of Entrepreneurship • Theories of Entrepreneurship: Innovations, X-Efficiency, Risk Bearing • Women Entrepreneurship • ECOPRENEURSHIP.

Unit-2: Urban Entrepreneurship and Business Planning

Urban Entrepreneurial Ecosystem: Factors, Problems and Challenges • Process of Identification of new Entrepreneurship Opportunities in Urban Areas • Formulation of Business Planning for Urban Entrepreneurship. • Case studies

Unit 3: MSMEs and new Urban Entrepreneurship Opportunities

Features of Micro Small Medium Enterprises (MSMEs) • Cluster Development Approach and Leveraging Technology for MSMEs • Problems and Challenges of MSMEs • New Entrepreneurial Opportunities in Urban Area: Food and Beverages, Sanitary and Health Products, Solid Waste and Scrap Disposal, Tourism and Hospitality Services, Consultancy Services and Event Management, Logistic services

Unit- 4: Financing and Marketing of Urban Entrepreneurship

Financing the Urban Entrepreneurship and MSMEs: Procedures to obtain formal loans from Banks and other Institutions • New avenues of Finance: Crowd Funding and Venture Capital; Preparing Detailed Project Report for Loan • Marketing of Urban Entrepreneurship and MSMEs products: Market Survey, Demand Forecasting, Marketing Strategies, Branding, Planning and Promotion, Digital and Social Media Marketing • Public Procurement Policy to purchase MSME Products

Unit 5: Institutional Support and Case Studies of Urban Entrepreneurship

Institutional support and skills for Urban Entrepreneurship and MSMEs • Government Schemes for promotion of Urban Entrepreneurship and MSMEs: STARTUP INDIA, STANDUP INDIA, PMKVY, PLI etc. • Rules and Procedures to start Urban Entrepreneurship Firm and MSME • Discussion of two different types of Case Studies related to Urban Entrepreneurship/MSME with local relevance.