

SYLLABUS
B.A. (ECONOMICS) –III year
SEMESTER-V,VI
CHOICE BASED CREDIT SYSTEM (CBCS)
2018-19



Department of Economics
Satavahana University
Karimnagar
Telangana State-India

B.A III Year

Semester - V	Course - V	Indian Economy (Core Course)	5
Semester - V	Course - VI (Discipline Specific Electives)		4
	(a)	Quantitative Methods for Economic Analysis	OR
	(b)	Economics of Development and Infrastructure	OR
	(c)	Agricultural Economics	
Semester - VI	Course - VII	Telangana Economy	5
Semester-VI	Course-VIII (Discipline Specific Electives)		4
	a)	Industrial Economics	OR
	b)	Project Work	OR
	c)	Computer Applications in Economic Analysis	

***Note:** The syllabus may be prepared by the respective Boards of Studies of the Universities where these electives are offered.

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U.G. ECONOMICS SYLLABUS (Under CBCS)

B.A. III YEAR

SEMESTER – V : CORE COURSE (Credits - 5)

COURSE – V: INDIAN ECONOMY

Unit – I: Basic Structure of the Indian Economy

Concepts of Development, Underdevelopment, Deprivation & Growth with reference to India(in brief) – Basic Features of Indian Economy: Growth and Structural Changes in Indian Economy – Demographic Features – Population: Size, Growth, Composition and their Implications on Indian Economy – Concept of Demographic Dividend – Occupational Distribution of Population in India – Population Policy of India – Development of Socio-Economic Infrastructure: Education and Health

Unit – II: National Income, Poverty and Unemployment

Estimation of National Income – Trends and Composition of National Income in India – Income Inequalities in India: Magnitude, Causes, Consequences and Remedial Measures – Poverty in India: Concept, Types, Trends, Causes and Consequences – Unemployment in India: Concept, Types, Trends, Causes and Consequences – Poverty Alleviation and Employment Generation Programmes in India

Unit – III: Planning and Public Policy

Five Year Plans: Concept and Objectives – Review of Five Year Plans – 12th Five Year Plan – NITI Aayog – Economic Reforms: Liberalisation, Privatisation and Globalisation – A Critical Evaluation – Impact of GATT and WTO on Indian Economy

Unit – IV: Agricultural Sector

Importance and Role of Agriculture in Indian Economy – Trends in Agricultural Production and Productivity – Land Reforms – Green Revolution – Agricultural Finance – Agricultural Marketing – Agricultural Pricing – Food Security in India

Unit – V: Industrial and Service Sector

Structure, Growth, Importance and Problems of Indian Industry – Large, Medium and Small Scale Industries: Role and Problems – Industrial Policies of 1948, 1956 and 1991 – FEMA and Competition Commission of India – Disinvestment Policy – Concept and Components of Service Sector – Infrastructural Development: Transport, Banking, Insurance, Information Technology, Communication and Tourism – Foreign Direct Investment

Reference Books

- SK Misra and Puri** : **Indian Economy, Himalaya Publishing House**
Ishwar C Dhigra : **The Indian Economy: Environment and
Policy, SC Chand & Sons, New Delhi**
Dutt and Sundaram : **Indian Economy**

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SEMESTER – V: DISCIPLINE SPECIFIC ELECTIVE COURSE (Credits: 4)

**COURSE – VI (a) : QUANTITATIVE METHODS FOR ECONOMIC
ANALYSIS**

Unit – I: Basic Concepts:

Need for quantitative methods in Economics. Basic concepts: Constant, Variables, And Functions: Linear, Non-Linear Functions, Equations and their functions. Linear, Quadratic. Concept of Derivative, Rules of Differentiation. MR, MC, MPC, Price and Income Elasticities.

Unit – II: Introduction to Statistics

Meaning and Basic Concepts of Statistics – Population and Sample, Frequency Distribution, Cumulative Frequency – Graphic and Diagrammatic Representation of Data – Types of Data: Primary and Secondary Data – Methods of Collecting Data: Census and Sampling Methods (Random, Non-random Sampling Methods)

Unit – III: Measures of Central Tendency and Dispersion

Measures of Central Tendency: Mean, Median, Mode. Measures of Dispersion – Absolute and Relative Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation and Variance.

Unit – IV: Correlation and Regression

Correlation: Meaning and Types – Karl Pearson's Correlation Co-efficient – Spearman's Rank Correlation – Regression: Meaning and Uses of Regression – Estimation and Interpretation of Regression Line

Readings:

- Allen, RGD : Mathematical Analysis for Economists, Macmillan Press, London.
Bhardwaj RS : Mathematics for Economics and Business, Excel Books, New Delhi
Bose : Mathematics for Economics, Himalaya Publishing, New Delhi
Chiang, AC : Fundamental Methods of Mathematical Economics McGraw Hill,
New Delhi
Nagar & Das : Basic Statistics
S.P. Gupta : Statistics

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SEMESTER – V: DISCIPLINE SPECIFIC ELECTIVE COURSE (Credits: 4)

COURSE – VI (b) : ECONOMICS OF DEVELOPMENT AND INFRASTRUCTURE

Unit – I: Economic Development and Growth

Concepts of Economic Growth, Development Underdevelopment and Deprivation – Objectives of Economic Development – Indicators of Economic Development: National Income, Per Capita Income, Physical Quality of Life Index, Human Development Index, Multi-Dimensional Poverty Index and other Indices – Characteristics of Underdeveloped Countries

Unit – II: Factors of Economic Development

Factors Hindering Economic Development – Factors Promoting Economic Development – Population and Economic Development – Concept of Population Explosion – Theories of Demographic Transition – Human Resource Development and Economic Development – International Aspects of Economic Development: Benefits of Trade – Concept of Unequal Exchange

Unit – III: Theories of Economic Development

Rosenstien Rodan's Big Push Theory – Ragnar Nurkse's Balanced Growth Strategy – Hirschman's Unbalanced Growth Strategy – Lewis Theory of Economic Development with Unlimited Supplies of Labour – Schumpeter's Theory of Economic Development – Choice of Techniques

Unit – IV: Infrastructure and Economic Development

Infrastructure and Economic Development – Infrastructure as a Public Good – Concepts and Components of Social and Physical Infrastructure – Special Characteristics of Public Utilities – Social Infrastructure: Education and Health

Reference Books:

- Mier, Gerald, M** : **Leading Issues in Economic Development, OUP, Delhi**
Todaro, Micheal P : **Economic Development in the Third World, Orient Longman, Hyderabad**
- Ghatak Subrata** : **Introduction to Development Economics**
Sukumoy Chakravarthy : **Development Planning - Indian Experience, OUP, Delhi**
- Misra & Puri** : **Economic Development and Planning: Theory and Practice**
- Crew, M.A & P.R. Kleindorfer:** **Public Utility Economics, Macmillian, London.**
- Kneafsey, J.T** : **Transportation Economic Analysis, Lexington, Torouts.**
McCrakis, M.S.(Ed.) : **Energy, Demand Conservation and Institution Problems, Macmillan, London.**
- Norton, HS** : **Modern Transport Economics, CE Merrill, London.**
Panchamukhi, P.R. : **Economics of Health: A Trend Report in ICSSR, A Survey of Research in Economics, Vol. VI, Infrastructure, Allied, Delhi.**
- Tilak, J.B.G.** : **Education for Development in Asia, Sage Publications, New Delhi**
- Indian Council of Social Sciences Research (ICSSR)** : **Economics of Infrastructure, Vol. VI (1976), New Delhi**
- National Council of Applied Economic Research (NCAER)** : **India Infrastructure Report; Policy Implications for Growth and Welfare, NCAER (1996), New Delhi**

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SEMESTER – V: DISCIPLINE SPECIFIC ELECTIVE COURSE (Credits: 4)

COURSE – VI (c) : AGRICULTURAL ECONOMICS

Unit-I: Agriculture and Economic Development:

Nature and scope of agricultural and rural economics; Traditional agriculture and its modernization; Role of agriculture in economic development; Agricultural development during the plans- Trends in Agricultural growth

Unit-II: Agricultural Production and Productivity:

Agricultural production – Resource use and efficiency; Production function analyses in agriculture; Factor combination and resource substitution,

Unit-III: Agricultural Farm size and productivity:

Factors influencing the size of firm- measures of firm size, relationship between farm size and productivity. Land Reforms – New Agricultural Strategy- its impact on production and productivity. Trends in Agricultural production and productivity-Low levels of productivity-Causes of low productivity.

Unit- IV: Agricultural Marketing and Prices:

Marketing and state policy; Agricultural markets; Regulated markets; Marketed and marketable surplus; Marketing channels, Mechanization of Agriculture – Merits and Demerits. Co-operative marketing system-Govt. Measures to improve the system of agricultural marketing.

Basic Reading List:

1. Bhaduri, A. (1984) The Economic Structure of Backward Agriculture, Macmillan, Delhi.
2. Bilgrami, S.A.R. (1996), Agricultural Economics, Himalaya Publishing House, Delhi.
3. Dantwala M.L. Et al, (1991) Indian Agricultural Development since Independence, Oxford & IBH New Delhi.
4. Gulati, A. and t. Kelly (1999), Trade Liberalisation and Indian Agriculture, Oxford University Press, New Delhi.
5. Joshi. P.C. (1975), Land Reforms in India: Trends and Prospects, Allied Publishers, Bombay.

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B.A. III YEAR

SEMESTER – VI : CORE COURSE (Credits - 5)

COURSE – VII : TELANGANA ECONOMY

UNIT – I: Telangana Economy: Human Resources

Economic History of Telangana – Demographic Features of Telangana – Occupational Distribution of Population in Telangana – Sectoral Distribution of Population – Migration - Social Infrastructural Development: Education and Health

UNIT – II: Gross State Domestic Product, Poverty and Unemployment

Trends in Gross State Domestic Product and Per Capita Income in Telangana – Sectoral Contribution to Gross State Domestic Product – Inequalities in the Distribution of Income and Wealth – Poverty in Telangana: Trends, Causes & Consequences – Unemployment in Telangana: Trends, Causes & Consequences – Poverty Alleviation & Employment Generation Programmes in Telangana – Other Welfare Programmes in Telangana

UNIT – III: Agricultural Sector

Growth of Agriculture in Telangana Economy – Trends in Agricultural Production and Productivity – Determinants of Agricultural Productivity – Cropping Pattern – Agrarian Structure and Land Reforms – Irrigation: Sources and Trends – Mission Kakatiya – Agricultural Credit and Rural Indebtedness – Agricultural Marketing – Food Security in Telangana

UNIT – IV: Industrial Sector

Structure of Telangana Industry – Growth and Pattern of Industrial Development in Telangana – Industrial Policy of Telangana – Special Economic Zones (SEZ) – Role of Small Scale Industries in Telangana Economy – Problems & Remedial Measures of Small Scale Industries: Issue of Sickness – Industrial Finance in Telangana

UNIT – V: Service and Infrastructural Sectors

Importance of Tertiary Sector in Telangana – Growth and Pattern of Development of Service Sector in Telangana – Infrastructural Development in Telangana: Transport, Energy, Communication & Information Technology and Tourism Development – Regional Imbalances: Causes, Consequences & Remedial Measures

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**SEMESTER – VI : DISCIPLINE SPECIFIC ELECTIVE
COURSE (Credits:4)**

COURSE – VIII (a) : INDUSTRIAL ECONOMICS

UNIT – I: Meaning and classification of Industries:

Use-based, Resource Based and ASI Two and Three Digit classification. Industrial Location theories: Weber, Sargent Florence, and Losch - factors affecting industrial location.

UNIT – II: Market Structure and Market Performance:

Types of Markets based on Place, Time and Competition. Concepts & Organization of a firm. Market Structure; Sellers Concentration; Product Differentiation; Entry Conditions; Economics of Scale.

UNIT – III: Industrial Pattern under Five Year Plan:

Industrial economic concentration and remedial measures. Industrial Policy 1991: Role of Public and Private Sector, LPG Program. Recent Trends in Industrial growth.

UNIT – IV: Industrial Finance:

Industrial Finance: Owned, External and other Components of Funds; Role, Nature, Volume and types of Institutional Finance – State Level Financial Institutions and Commercial Banks.

Basic Reading List:

1. Ahuliwalia, I.J. (1985) Industrial Growth in India, Oxford University Press, New Delhi.
2. Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
3. Chernuliam, F. (1994), Industrial Economics: Indian Perspective (3RD Edition), Himalaya Publishing House, Mumbai.
4. Desai, B. (1999), Industrial Economy in India (3rd Edition,) Himalaya Publishing House, Mumbai.
5. Divine, P.J. and R.M. Jones Et. Al (1976), An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
6. Hay, D. and D.J.Morris (1979), Industrial Economics: theory and evidence, Oxford University Press, New Delhi.
7. Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad.

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SEMESTER – VI : DISCIPLINE SPECIFIC ELECTIVE COURSE (Credits:4)

COURSE – VIII (b) : Project Work

Project work is aimed at providing practical skills and hands on experience to the students in the domain areas related to Economics. The work details and reporting may be designed by the Boards of Studies of all the Universities where these electives are offered.

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**SEMESTER – VI : DISCIPLINE SPECIFIC ELECTIVE COURSE (Credits:4)
COURSE – VIII (c): COMPUTER APPLICATIONS IN ECONOMIC ANALYSIS**

Unit – I: Fundamentals of Computers

Fundamentals of Computers – Components – Input-Output Devices – Central Processing Unit (CPU) – Types of Memory: RAM and ROM – Storage Devices – Software and Hardware – Operating System – Windows User Interface – Importance of Computers in Economic Analysis

Unit – II: Word Processing with MS-Word

Starting MS-Word – Main Menu - Text Manipulations: Editing, Formatting, Copy, Cut and Paste – Working with Tables – Spell Checking and Grammar Checking – Saving and Retrieving Documents – Printing a Document

Unit – III: Spreadsheets with MS-Excel

Opening Menu of MS-Excel – Rows and Columns of Spread Sheet – Types of Data – Entering Data – Formatting Data – Data Analysis with Excel: Sorting – Formulas and Functions – Basic Statistical Functions – Statistical and Business Charts – Saving, Retrieving and Printing

Unit – IV: MS-Power Point

Opening Menu – Selecting a Slide – Inserting Objects into the Slide – Text, Graphical Shapes, Videos etc., Setting Attributes – Animation Effects – Setting Slide Show – Slide Transition – Delay – Presenters Pen – Saving, Retrieving and Printing Power Point Files