

Sri Venkateswara University: Tirupati
REVISED UG CBCS SYLLABUS w.e.f. 2021-22
SEMESTER – 4 :: COURSE – 4
ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH

LEARNING OUTCOMES FOR THE COURSE

At the end of the course, the student is expected to demonstrate the following cognitive abilities and psychomotor skills.

- 1. Remembers and states in a systematic way (Knowledge)**
 - a.** leading issues of Indian economic development with reference to potential for growth, obstacles and policy responses
 - b.** Objectives, outlays and achievements of economic plans and growth strategies
- 2. Explains (understanding)**
 - a.** Available Resources, demographic issues, general problems of poverty and unemployment and relevant policies
 - b.** Sector specific problems, remedial policies and their effectiveness relating to Agriculture and Industrial Sectors of Indian and AP economy and infrastructure issues of AP economy
 - c.** Indian Tax system, recent changes, issues of public expenditure and public debt, recent finance commissions and devolution of funds
 - d.** Major issues of economic development of Andhra Pradesh after bifurcation and Central assistance
- 3. Critically examines using data and figures (analysis and evaluation)**
 - a.** Leading issues of current importance relating to India and AP economy, major Policies and programmes
 - b.** Covid – 19 and its impact on Indian economy
- 4. Uses official statistical data and reports including tables and graphs**
 - a.** To explain the achievements of Indian economy with reference to the objectives of planning and policy and make critical evaluation

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SEMESTER – 4: COURSE – 4
ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH

Module – 1 Basic Features

Basic characteristics of Indian Economy as a developing economy – Economic development since independence - Objectives and achievements of planning – Planning Commission/NITI Ayog and their approaches to economic development - India's Rank in Global Human Development Index .

Module 2 National Income and Demography

Trends in National income - Demographic trends - Poverty and Inequalities – Occupational Structure and Unemployment - Various Schemes of employment generation and eradication of poverty – Issues in Rural Development and Urban Development –Intra-state and Inter-state Labour Migration and unorganized sector Problems of Migrant Labour

Module – 3 Agricultural and Industrial Developments

Indian Agriculture – Agricultural Strategy and Agricultural Policy – Agrarian Crisis and land reforms – Agricultural credit – Minimum Support Prices -Malnutrition and Food Security - Indian Industry - Recent Industrial Policy – Make-in India – Start-up and Stand-up programmes – SEZs and Industrial Corridors - Economic Reforms and their impact -Economic initiatives by government of India during COVID - Atmanirbhar Bharat package.

Module –4Indian 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 – Public Expenditure and Public Debt - Fiscal Policy and Budgetary Trends

Module- 5Andhra Pradesh Economy

The basic characteristics of Andhra Pradesh economy after bifurcation in 2014 – Impact of bifurcation on the endowment of natural resources and state revenue – new challenges to industry and commerce - the new initiatives to develop infrastructure – Power and Transport - Information Technology and e-governance – Urbanization and smart cities – Skill development and employment –Social welfare programmes.

Reference Books:

1. Dhingra, I.C., *Indian Economy*, Sultan Chand, New Delhi, 2014.
2. Gaurav Datt and Ashwani Mahajan, *Datt and Sundharam's Indian Economy*, S.Chand & Co., 2016.
3. G. M. Meier, *Leading Issues in Economic Development*, Oxford University Press, New York, 3/e.
4. M. P. Todaro and Stephen C. Smith, *Economic Development*, 10/e, Indian Edition Published by Dorling Kindersley India Pvt. Ltd. 2012.
5. P. K. Dhar, *Indian Economy: Its Growing Dimensions*, Kalyani Publishers, Ludhiana, 2018.
6. Reserve Bank of India, *Handbook of Statistics on Indian Economy* (Latest).
7. S.K.Misra, VK.Puri, *Indian Economy*, Himalaya Publishing House, 2015.
8. R.S.Rao, V.Hanumantha Rao & N.Venu Gopal (Ed.), *Fifty Years of Andhra Pradesh (1956-2006)*, Centre for Documentation, Research and Communications, Hyderabad, 2007.
9. G. Omkarnath, *Economics - A Primer for India* - Orient Blackswan, 2012.
10. A.P Economy- Telugu Academy, 2018

Recommended Co-curricular Activities:

1. Assignments on specific issues of contemporary importance with reference to problems and remedial policies
2. Student Seminars on leading economic challenges, the effectiveness of relevant policies and programmes
3. Quiz to examine the knowledge and critical understanding of major policies, programmes achievements, failures relating to all sectors
4. Group discussions to promote critical understanding and evaluation capabilities of the students on major areas of Indian and AP economy
5. Group project work to study the implementation and effectiveness of major government schemes of development, poverty eradication and employment promotion etc.,
6. PPT presentation and participation in webinars to help the students acquire and adapt ITC skills in the process of learning
7. Field Visits to Agricultural farm/market/SSIs to understand the ground realities of economic situation of the country and the state

REVISED UG CBCS SYLLABUS w.e.f. 2021-22
B.A. Economics SEMESTER – IV
Paper: IV - ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH
Model Question Paper

SECTION – A

Write Short Answer for any FIVE of the following

Each question carries 5 marks (5 x 5 = 25 Marks)

1. Planning Commission
2. NITI Ayog
3. Labour Migration
4. Start-up
5. New Agricultural Strategy
6. Industrialization
7. Classification of Public Debt
8. Public Expenditure

Section –B

Answer the following questions

Each question carries 10 marks (5X10=50 Marks)

9. (a) Explain about the characteristic features of Indian Economy
(or)
(b) Explain the objectives of Five Year Plan
10. (a) What are causes for Poverty in India? Mention important poverty alleviation programmes.
(or)
(b) Describe the causes for rural-urban migrations of India.
11. (a) Explain the important sources of Agricultural credit in India.
(or)
(b) Explain the 1991 New Industrial Policy
12. (a) Explain the Atma Nirbhar Bharat Abhiyan Package.
(or)
(b) Explain the impact of GST on Indian Economy?
13. (a) Discuss the basic characteristics of A.P. Economy after bifurcation in 2014.
(or)
(b) Explain the Social Welfare Programmes in A.P.

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COURSE– 5(Semester - IV)
STATISTICAL METHODS FOR ECONOMICS

LEARNING OUTCOMES FOR THE COURSE

At the end of the course, the student is expected to demonstrate the following cognitive abilities and psychomotor skills.

1. Remembers and states in a systematic way (Knowledge)

- a. the definitions, terms and their meaning relating to statistical methods
- b. various formulae used to measure central tendency, correlation regression and Indices

2. Explains (understanding)

- a. Importance of statistics and its applications
- b. The method of classification of primary data
- c. Uses of Correlation and Regression analysis, time series and index numbers in economic analysis

3. Analyses and solves using given data and information (analysis and evaluation)

- a. different kinds of statistical problems using various principles and formulae relating to central tendency, correlation, regression, time series and indices
- b. to interpret data and suggest solutions to economic problems

4. Draws critical diagrams and graphs.

- a. Histogram, Frequency Polygon and Frequency Curve
- b. More than cumulative and less than cumulative frequency curves (Ogive)
- c. Different types of Bar diagrams
- d. Pie Diagram and its uses in economic analysis

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COURSE– 5(Semester - IV)

STATISTICAL METHODS FOR ECONOMICS

Module – 1: Nature and Definition of Statistics

Introduction to Statistics – Definition, scope, importance and limitations of Statistics – Primary and Secondary data- Census and Sampling techniques and their merits and demerits

Module – 2: Diagrammatic Analysis

Collection of data - Schedule and questionnaire – Frequency distribution – Tabulation – diagram and graphic presentation of data – Histogram, Frequency Polygon, Cumulative Frequency Curves - Bar Diagrams and Pie Diagram

Module – 3: Measures of Central Tendency and Dispersion

Measures of Central Tendency and Dispersion - Types of averages- Arithmetic Mean, Geometric Mean, Harmonic Mean – Median – Mode – Dispersion - Range, Quartile Deviation, Mean Deviation, Standard Deviation- Coefficient of Variation.

Module – 4: Correlation and Regression

Correlation and Regression - Meaning, Definition and uses of Correlation- Types of Correlation- Karl Pearson's Correlation coefficient - Spearman's Rank Correlation- Regression Equations - utility of regression analysis – Demand forecasting.

Module – 5: Time Series and Index Numbers

Time Series and Index Numbers: Definition and components of Time Series – Measurement of Time Series – Moving Average and the Least Squares Method – Index Numbers - Concepts of Price and Quantity Relatives – Laspeyres's, Paasche's and Fisher's Ideal Index Numbers – Uses and Limitations of Index Numbers.

Reference Books:

1. B. R. Bhat, T. Srivenkataramana and K.S. MadhavaRao (1996): *Statistics: A Beginner's Text*, Vol. I, New Age International (P) Ltd.
2. Goon A.M, Gupta M.K., Das Gupta B. (1991), *Fundamentals of Statistics*, Vol. I, World Press, Calcutta.
3. M. R. Spiegel (1989): *Schaum's Outline of Theory and Problems in Statistics*, Schaum's Outline Series.
4. F. E. Croxton, D. J. Cowden and S. Kelin S (1973), *Applied General Statistics*, Prentice Hall of India. 2.
5. S.P. Gupta, *Statistical Methods* , S. Chand & Co, 1985
6. S. C. Guptha, *Fundamentals of Statistics*, Himalaya Publishing House, Hyderabad.
7. Digambar Patri and D. N. Patri, *Statistical Methods for Economics*, Kalyani Publishers, Ludhiana, 2017.
8. Telugu Akademi Book, ParimanathmakaPaddathulu (For B.A.).

Recommended Co-curricular Activities:

1. Assignments of the application of various statistical methods
2. Student Seminar on themes requiring usage of tables, diagrams, statistical analysis and interpretation
3. Group project work for collection of data on locally relevant economic problems
4. Market survey on demand, supply, sales, prices of different kinds of projects like food items, FMCG, other consumable durables etc., etc., and Statistical Analysis- Mini Project and also income elasticity of demand for such products

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B.A. Economics - SEMESTER – IV
Paper: V - STATISTICAL METHODS FOR ECONOMICS
Model Question Paper

SECTION – A

Write Short Answer for any FIVE of the following

Each question carries 5 marks (5 x 5 = 25 Marks)

1. Sampling
2. Primary and Secondary Data
3. Questionnaire
4. Histogram
5. Various components of Time Series
6. Write any four advantages of Index Numbers
7. Correlation and Regression
8. Advantages of Diagrammatic Representation.

Section –B

Answer the following questions

Each question carries 10 marks (5X10=50 Marks)

9. (a) What is Primary Data? Explain the different collections of Primary Data.
(OR)
(b) Define Statistics? Discuss its characteristics and importance.

10. (a) Find out the value of mode for the following data.

Class Interval:	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100
Frequency	5	7	12	20	18	15	11	8	5

(OR)

- (b) Calculate Standard Deviation for the following data.

Height (inches):	59-61	61-63	63-65	65-67	67- 69
No. of Students:	60	62	64	66	68

11. (a) calculate Karl Pearson's correlation from the following data:

X:	24	28	32	36	40	44	48	52
Y:	8	7	6	5	9	8	6	3

(OR)

(b) Advertisement Expenditure and profits of four companies are given below. Estimate Regression line of profits on Advertisement Expenditure and show it on the graph.

Advt. Exp. (Rs. Crores):	40	45	35	50
Profits (Rs. Crores) :	50	60	40	50

12. (a) Calculate the Trend values for the following Time Series Data

Year	: 2010	2011	2012	2013	2014	2015	2016
Production (Tonnes):	80	90	92	83	94	99	92

(OR)

(b) Calculate Fisher's Index number for 2003, taking 1993 as Base Year

Commodity	1993		2003	
	Price	Quantity	Price	Quantity
A	4	1	10	2
B	1	10	4	25
C	20	2	88	3
D	10	6	16	20

13 (a) Find out median from Ogive curves:

Class Interval:	50-60	60-70	70-80	80-90	90-100	100-110	110-120
Frequency:	8	10	16	15	10	8	3

(OR)

(b) Define Pie Diagram and draw the Pie Diagram for the following data:

Group of Consumer Gods	Consumption Expenditure
Food	555
Clothes	220
House Rent	240
Fuel	140
Others	260

