

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA**  
**DEPARTMENT OF ECONOMICS**

<b>Sem</b>	<b>Paper</b>	<b>Credits</b>	<b>Hours</b>
I	1. Fundamentals of Social Sciences	4	4
	2. Perspectives on Indian Society	4	4
III	5. Macroeconomics	4	4
	6. Economic Thought and Political Economy	4	4
	7. Development Economics	4	4
	8. Public Economics	4	4
V	6. Insurance Services	4	4
	7. Banking and Financial Services	4	4

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA B.A.,  
SEMESTER – I :: COURSE – I  
FUNDAMENTALS OF SOCIAL SCIENCES**

Hrs/Week :4

Credits: 4

No. Of

Max

Marks:100

**UNIT – I – WHAT IS SOCIAL SCIENCE?**

1. Definition and Scope of Social Science – Different Social Sciences
2. Distinction between Natural Science and Social Sciences
3. Interdisciplinary Nature of Social Sciences
4. Methods and Approaches of Social Sciences

**UNIT -II: UNDERSTANDING HISTORY AND SOCIETY**

1. Defining History, Its Nature and Scope
2. History- A Science or an Art
3. Importance of History in the Present Society
4. Types of History and Chronology of Indian History

**UNIT – III – SOCIETY AND SOCIAL BEHAVIOUR**

1. Definition , Nature and Scope of Psychology
2. Importance of Social Interaction
3. Need of Psychology for present Society
4. Thought process and Social Behavior

**UNIT – IV – POLITICAL ECONOMY**

1. Understanding Political Systems
2. Political Systems – Organs of State
3. Understanding over Economics - Micro and Macro concepts
4. Economic Growth and Development - Various aspects of development

**UNIT - V – ESSENTIALS OF COMPUTER**

**Introduction to Computers:** Definition and Overview of Computers, Evolution of Computers, Basic Components of a Computer System

**Classification of Computers:** Supercomputers, Mainframes, Minicomputers, Microcomputers

**Input Devices:** Keyboard, Mouse and Pointing Devices, Scanners, Digital Cameras, Microphones, Joysticks and Game Controllers

**Output Devices:** Monitors, Printers (Laser, Inkjet, Dot Matrix), Speakers, Projectors

**Secondary Storage Devices:** Hard Disk Drives, Solid State Drives, Optical Drives, USB, Flash Drives, Memory Cards

**Random Access Memory (RAM):** Definition and Function, Volatility of RAM, Types of RAM

**Read Only Memory (ROM):** Definition and Function, Types of ROM

## **Operating System: Purpose of Operating System, Functions of an Operating System**

### **Reference Books**

1. The social sciences: An Integrated Approach by James M. Henslin and Danniell F. Chambliss
2. The Wonder that was India – A.L.Bhasham
3. Introduction to Psychology – Morgan and King
4. Principles of Political Science – A.C. Kapoor
5. Contemporary Political Theory – J.C.Johari
6. M.L.Jhingan – Economic Development – Vikas, 2012
7. ML Seth – Macro Economics - Lakshminarayana Agarawal, 2015
8. Fundamentals of Computers by V. Raja Raman
9. Cyber Security Essentials by James Graham, Richard Howard, Ryan Olson

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
ECONOMICS MAJOR - SEMESTER – I :: COURSE – II  
PAPER 2 - PERSPECTIVES ON INDIAN SOCIETY**

Hrs/Week :4  
Credits: 4

No. Of  
Max  
Marks:100

**UNIT – 1 – MAN IN SOCIETY**

1. Human Nature and Real-Life Engagement
2. Social Groups and Social Dynamics
3. Individualism and Collectivism – Ethical Concerns
4. Human Life – Social Influence and Social Impact

**UNIT-II: INDIAN HERITAGE AND FREEDOM STRUGGLE IN INDIA**

1. Cultural & Heritage sites of Tourism in India
2. Indian Dance, Music and Yoga
3. Rise of Nationalism Under British Rule in brief (1857-1947)
4. Contemporary history of India-integration of Princely States, abolition of Zamindari, formation of linguistic states

**UNIT – 3 – INDIAN CONSTITUTION**

1. Philosophical Foundations of Indian Constitution
2. Elements of Indian Constitution
3. Study of Rights in Indian Constitution
4. Directive principles to State

**UNIT – 4. INDIAN ECONOMY**

1. Indian Economy - Features – Sectoral contribution in income
2. Role of Financial Institutions - RBI - Commercial Banks
3. Monetary and Fiscal Policies for Economic Development
4. Economic Reforms - Liberalization - Privatization- Globalization

**UNIT – 5 - IMPACT ON SOCIETY & ANALYTICS**

**Internet Concepts:** Definition and Overview of the Internet, Basics of Networking, Importance and Impact of the Internet

**Hardware Requirements:** Computer System Specifications, Modem/Router, Network Interface Card (NIC),

**Various Browsers:** Introduction to Web Browsers, Commonly Used Browsers

**Connecting a System to a Network:** Connecting to a Local Area Network (LAN), Connecting to a Wide Area Network (WAN), Wireless Networking (Wi-Fi), Securing Network Connections

**Introduction to Email:** Definition and Purpose, Evolution and Importance, Sending and Receiving Emails: Composing Emails, Adding Attachments, Sending and Receiving, **Basic**

**Email Functions:** Inbox, Sent Items, Drafts, Trash, Creating Folders, Sorting and Filtering Emails,

**Introduction to the World Wide Web(WWW):** Definition and Origin, Importance and Impact, Advantages of the Web

**Web Searching:** Search Engines, Basic Search Techniques, Advanced Search Features, Evaluating Search Results

#### References

1. Introduction to Psychology – Atkinson RC
2. History of the freedom movement in India – Tarachand
3. India since Independence – Bipinchandra
4. Introduction to the Constitution of India D.D.Basu
5. S.K Misra & V.K Puri – Indian Economy, Himalaya Publishing House , 2015
6. Government of India, Economic Survey (Annual), New Delhi
7. Information and Communication Technology by APCCE
8. Computer Applications in the Social Sciences by Edward E. Brent, Jr. and Ronald E. Anderson

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
ECONOMICS MAJOR - SEMESTER –III :: COURSE – 5  
MACROECONOMICS**

Hrs/Week :4

Credits: 4

No. Of  
Max  
Marks:100

**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
- Banking: Definition, Types, Importance, Functions of Commercial Banks; NBFCs
- Central Bank: Objectives, Functions, Monetary Policy

**Unit – 4: Inflation and Trade Cycles**

- Inflation: Meaning, Types, Importance
  - 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

**References:**

1. Macroeconomic Analysis, Bilingual Textbook, APSCHE

2. H. L. Ahuja, Advanced Economic Theory, S. Chand, 2004
3. P. N. Chopra, Macroeconomics, Kalyani Publishers, Ludhiana, 2014.
4. D. M. Mithani, Macro Economic Analysis and Policy, Himalaya Publications, New Delhi
5. Telugu Academy Publications on Macroeconomics
6. Macroeconomics, Dr. Br. Ambedkar Open University Material
7. Macroeconomics, IGNOU Material

**Suggested Activities:**

Unit-1: Practical Exercise on national income measurement

Unit-2: Group discussion on application of classical and Keynesian employment theories to current economics

Unit-3: Field visit to commercial bank and submit a report

Unit-4: Assignment on current measures to control inflation

Unit-5: Quiz on financial markets and debate on monetary vs fiscal policy

**TEXT BOOKS**

- Macro Economics - M.L Seth
- Introductory Macroeconomics - Deepashree

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
ECONOMICS MAJOR - SEMESTER –III :: COURSE – 6  
ECONOMIC THOUGHT AND POLITICAL ECONOMY**

Hrs/Week :4  
Credits: 4

No. Of  
Max  
Marks:100

**Unit - 1: Classical and Socialist Schools**

- Pre-Classical School: Mercantilism, Physiocracy
- Classical School 1: Adam Smith, David Ricardo
- Classical School 2: Jeremy Bentham, John Stuart Mill
- Socialist School: Karl Marxs, Fabian Socialists

**Unit - 2: Neo-Classical and Keynesian Schools**

- Neo Classical and Marginal Revolution School: Alfred Marshall, Vilfredo Pareto
- Keynesian School: John Maynard Keynes
- New Classical School
- New Keynesian School

**Unit 3: Institutional and Behaviourist Schools**

- Institutional School: Gunnar Mirdal, John Rawls
- New Institutional School 1: Ronald Coase, Frederich Hayek
- New Institutional School 2: Kenneth Arrow, Elinor Ostrom & Oliver E. Williamson
- Behaviourist School: Herbert Simon, Richard Thaler

**Unit 4: Indian Political Thought**

- Ancient Thought: Kautilya, Goutam Buddha
- Modern Thought1: Dadabhai Nauroji, R.C.Dutt; M.N. Roy
- Modern Thought2: Gandhi, Nehru, Ambedkar
- Contemporary Thought: Amrtya Sen, Rao-Manmohan

**Unit 5- Political Economy and Development**

- Nexus between Politics and Economy; Basic Features of Political Economy
- Political Ideologies for Development: Economic Liberalism, Economic Nationalism, Marxism
- Role of Political Institutions for Development: Political Parties, Parliament  
Role of Non-political Institutions for Development: Bureaucracy, Regulatory Bodies, Judiciary

**References:**



1. Lokanathan (2018): History of Economic Thought, S.Chand & Co Ltd, New Delhi
2. Hajela, T.N: History of Economic Thought, Ane's Books Pvt Ltd., New Delhi
3. R.R. Paul: History of Economic Thought, Kalyani Publishers, New Delhi
4. Gide and Rist : History of Economic Doctrines, Digital Library of India, 2015.274711
5. Roll. E. (1973) : A history of Economic Thoughts, Father, London.
6. Ghosh B.N. And Ghosh Roma. A Short History of Economic Doctrines.
7. Lange, O., "Political Economy", Vol. 1, 1963
8. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, SWAYM, Khan Academy etc.

### **Suggested Activities:**

Unit-1: Student Seminars on evolution of important economic doctrines

Unit-2: Group discussions on different schools of economic thought and their relevance today

Unit-3: Preparation of Comparative charts of various famous economic thoughts

Unit-4: Poster presentations on the economic ideology of Indian thinkers Unit-

5: Project on political economy of current Indian economy

### **TEXT BOOKS**

A History Of Economic Thought - ML Jhingan

A History Of Economic Thought - Ragavan

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
ECONOMICS MAJOR - SEMESTER –III :: COURSE – 7  
DEVELOPMENT ECONOMICS**

Hrs/Week :4  
Credits: 4

No. Of  
Max  
Marks:100

**Unit - 1: Introduction to Economic Growth and Development**

- Economic Growth and Development: Meaning, Differences, Importance,
- Measurements of Growth and Development • Factors and Obstacles of Economic Growth and Development; Kuznets’ Characteristics of Modern Economic Growth
  - World Bank and IMF Classification of Countries based on level of Development

**Unit 2: Developmental Issues**

- Poverty: Meaning, Types, Causes and Solutions; Vicious Circle of Poverty
- Unemployment: Meaning, Types, Causes and Solutions
- Inequalities: Meaning, Types, Causes and Solutions
- Sustainable Development and SDGs

**Unit-3: Theories of Growth and Development**

- Classical Theory of Development
- Marxian Theory of Development
- Rostow’s Stages of Economic Growth
- Neo-Classical Models of Economic Growth: Harrod-Domar Model

**Unit – 4: Strategies of Economic Development**

- Capitalist, Socialist and Mixed Economy Strategies
- Balanced and Unbalanced Growth Strategies
- Export Promotion and Foreign Capital Strategy
- Endogenous Growth Strategy; Human Capital–Capability Strategy

**Unit - 5: Institutions for Economic Development**

- Role of Institutions in Economic Development
- Basic Features of New Institutional Economics
- Economic Planning: Concept, Objectives, Role in Economic Development;
- Role of International Institutions in Development: World Bank, IMF

**References:**

1. Ray, D. (2009), *Development Economics*, Princeton University Press.
2. Todaro M. P. and Stephen, C., Smith (2014), *Economic Development*, Pearson, 12 Ed..
3. M.L. Jhingan, The Economics of Development and Planning, Vrinda Publications,
4. Hayami and Godo: Development Economics, Oxford Publication.
5. Sen, A., (1999), *Development as Freedom*, Oxford University Press.
6. Thirlwall A. P., (2005), *Growth and Development*, Palgrave Macmillan; 8th Edition.
7. Chenery, Hollis and T. N. Srinivasan, (1998), *Handbook of Development Economics*, Elsevier.
8. Basu, Kaushik (2000), *Analytical Development Economics: The Less developed Economy: Revisited*, Oxford University Press, India.
9. Development Economics, Telugu Academy
10. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, SWAYM, Khan Academy etc.

### **Suggested Activities:**

Unit-1: Group discussions on factors of economic growth and development

Unit-2: Assignments on developmental issues like poverty, unemployment and their programs

Unit-3: Prepare comparative flow charts of various theories of economic growth or development

Unit-4: Project on application of any theory of economic growth or development to the current economic Problem

Unit-5: Seminar on role of institutions in economic development and prepare a plan for development of local area

### **TEXT BOOKS**

Development Economics - Ahuja

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
ECONOMICS MAJOR - SEMESTER –III :: COURSE – 7  
PUBLIC ECONOMICS**

Hrs/Week :4

No. Of Credits: 4

Max Marks:100

**Unit 1: Introduction to Public Finance and Market Failure**

- Meaning, Nature, Scope, Importance of Public Finance; Public vs Private Finance
- Principal of Maximum Social Advantage
- Types of Goods: Private, Public, Merit, Club Goods
- Problems of Market Failure, Externalities and Free Riding and Solutions.

**Unit 2: Public Revenue**

- Sources of Revenue: Tax and Non-tax; Cannons of Taxation
- Theories of Taxation: Socio-Political Theory, Benefit Received Theory, Ability to Pay Theory
- Tax Systems: Progressive, Proportional, Regressive; Types of Taxes: Direct and Indirect
- Incidence and Effects of Taxation; Shares of Tax and Non-Tax Revenues in India.

**Unit 3: Public Expenditure**

- Principles of Public Expenditure (PE); Classification and Effects of PE
- Theories of PE: Wagner's Law, Peacock-Wiseman, Colin-Clarks Critical Limit Theory
- Determinants of PE; Criteria for Public Investment
- Trends and patterns of Public Expenditure in India; Reforms in public Expenditure in India.

**Unit 4: Public Debt and Budget**

- Public Debt (PD): Meaning, Types, Sources; Effects and Burden of PD
- Theories of PD: Classical Theory, Barro-Ricardo Equivalence, Keynesian Approach
- Shifting and Redemption of PD; Public Debt Management in India
- Budget: Meaning, Importance, Types; Basic Concepts and Deficits in Budget
- Fiscal Discipline and Consolidation, FRBM Act; Brief Analysis of a Recent Budget in India.

**Unit 5: Fiscal Policy and Fiscal Federalism**

- Fiscal Policy: Meaning, Objectives and Functions
- Principles of Multi-Unit Finance; Concept of Vertical and Horizontal Fiscal Imbalances
- Fiscal Federalism in India and Constitutional Provisions

- Recent Finance Commission: Objectives and Recommendations
- Issues and Challenges of Fiscal Federalism and State Governments Finances in India.

### **Reference Books:**

1. Musgrave, R. A. & Musgrave, P. B. (2004), *Public Finance in Theory and Practice*. Fifth edition, TATA McGraw-Hill
2. Tyagi, B.P., “Public Finance”, Jai Prakash Nath Co., 1992.
3. Bhatia H.L., “Public Finance”, Vikas Publishing House Pvt.Ltd., 1984.
4. Dalton, H., “Principles of Public Finance”, Routledge, 1st Edition, 2009.
5. Stiglitz, J. E (2000), *Economics of the Public Sector*. W W Norton
6. Rangarajan, C. and D. K. Srivastava (2011), *Federalism and Fiscal Transfers in India*. Oxford University Press, New Delhi.
7. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, Economic Survey, SWAYM, Khan Academy etc.

### **Activities Suggested:**

Unit 1: Assignment on importance of public finance and role of government in an economy

Unit 2: Make poster presentation of Indian tax system with revenue details from recent budget.

Unit 3: Organize debates on the growth of public expenditure in India and its management.

Unit 4: Assignments on the management of deficits and public debt and watch budget presentation and make analysis.

Unit 5: Quiz sessions on the recommendations of finance commissions with justification for changes in criteria/ quantum of devolution.

### **TEXT BOOKS**

Public Economics in India: Theory and Practice by Janak Raj Gupta

ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
(On the revised CBCSw.e.f. 2021-22)  
SEMESTER – V: PAPER – 6  
INSURANCE SERVICES

Hrs/Week :5

No. Of Credits: 4  
Max Marks:100

**UNIT - 1: INSURANCE CONCEPT AND PRINCIPLES RISK MANAGEMENT:**

Risk and Uncertainty, Risk Classification – Concept, Importance and Types of Insurance– Principles of Insurance – Insurance Regulations in India - Role of IRDA and Insurance Ombudsman –Scope for Insurance Business in India.

**UNIT -2: : LIFE INSURANCE AND PRODUCTS LIFE INSURANCE**

Nature and Features - Major Life Insurance Companies in India - Important Life Insurance Products/policies and their Features: Conventional, Unit Linked, Annuities, Group Policies – Medical Examiner.

**UNIT-3: GENERAL AND HEALTH INSURANCES AND PRODUCTS GENERAL INSURANCE**

Nature, Features and Types - Major General Insurance Companies in India - Important General Insurance Products/Policies and their Features - Surveyor – Health Insurance: Nature and Features - Health Insurance Companies in India - Major Health Insurance Products/policies and their Features: Individual, Family, Group.

**UNIT – 4: PRACTICING AS AN INSURANT AGENT**

Insurance Contract and Terms of Insurance Policy - Registration of Insurance Agency with the Company — Procedure to issue a Policy: Application and Acceptance – Policy Lapse and Revival – Premium Payment, Assignment, Nomination and Surrender of Policy – Policy Claim - Important Websites and Apps of Insurance in India.

**UNIT - 5: UNDERSTANDING THE CUSTOMER AND CASE STUDIES**

Insurance Customer and Categories – Understanding Customer Mindset and Satisfaction - Addressing the Grievances of the Customer – Ethical Behavior in Insurance – Moral Hazard – Discussion of two different Case Studies related to Life or General or Health Insurance Services

References:

1. Insurance Institute of India: Principles of Insurance (IC-01), Mumbai, 2011.
2. Insurance Institute of India: Practice of Life Insurance (IC-02), Mumbai, 2011.
3. Insurance Institute of India: Practice of General Insurance (IC-11), Mumbai, 2011
4. IGNOU: Life Insurance

5. IGNOU: Non-Life Insurance
6. P. Periyaswamy: Principles and Practice of Insurance, Himalaya Publishers, New Delhi (2nd Edition), 2019.
7. G. Dionne and S.E. Harrington (Eds.): Foundations of Insurance Economics, Kluwer Academic Publishers, Boston, 1997.
8. K. Jr. Black, and H.D. Skipper Jr.: Life and Health Insurance, Prentice Hall, Upper Saddle River, New Jersey, 2000.

**Web Learning Resources:**

1. <https://www.irdai.gov.in>
2. <https://www.insuranceinstituteofindia.com>
3. <https://licindia.in>
4. <https://egyankosh.ac.in/bitstream/123456789/6472/1/Unit-20.pdf>
5. <https://egyankosh.ac.in/bitstream/123456789/6470/1/Unit-21.pdf>

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA**

**(On the revised CBCS w.e.f. 2021-22)**

**SEMESTER – V: PAPER– 7**

**BANKING AND FINANCIAL SERVICES**

Hrs/Week :5

No. Of Credits: 4

Max Marks:100

**UNIT - 1: PRINCIPLES OF BANKING AND INDIAN BANKING SYSTEM**

Meaning of Banking – Principles of Banking – Functions of Banking – Structure of Indian Banking System – Regulations of Banking in India – Role of RBI in Banking – Anti-money Laundering - Basics of Financial literacy - Problems and Challenges of Banking in India.

**UNIT -2: DEPOSITS, LOANS AND DIGITAL BANKING**

Bank Deposit Account Types – Account Opening and Closing – Banking Customer types – KYC Norms – Negotiable Instruments: Cheque, Bill of Exchange, Promissory Note, Endorsement - Principles of Lending – Different categories of Loans – Mortgaging -Priority Sector Lending – E-Banking facilities: Debit Card, Credit Card, Net Banking, Mobile Banking, Tele-banking, Micro ATMs, Digital Currency – Core Banking Solutions.

**UNIT-3: BANKING CORRESPONDENTS AND COMMON SERVICE CENTERS**

Banking Correspondent Model - Activities of Banking Correspondent: Deposit Mobilization. Identification of Borrowers, Collection and Recovery Loan, Other Banking Services – Common Services Centre (CSC) - Provision of Services by CSC – Requirement for Registering CSC and Telecentre - Case Study of Banking Correspondents with any Bank or CSC in Local Area.

**UNIT – 4: FINANCIAL SERVICES OF NBFIS**

Non-Banking Financial Institutions (NBFIs): Types and Major Players of NBFIs in India – Important Financial Services offered by NBFIs and their Features – Concept of EMI - Micro Finance: Concept and Operation - Chit Funds: Concept and Operations– Payment Banks - Regulations of NBFIs in India – Problems and Challenges of NBFIs in India.

**UNIT - 5: WORK WITH FINANCE SERVICE COMPANY (FSC)**

Types of loans by Finance Service Company (FSC) – Customer of FSC: Types and Needs - Marketing of FSC's Loans – Procedures and Requirements in FSC's Loan Sanction - Collection and Recovery of FSC Loans - Case Study of a FSC's services in Local Area.

References:

1. Indian Institute of Banking and Finance: Principles and Practices of Banking, Macmillan India Limited, 2021.
2. Indian Institute of Banking and Finance: Retail Banking, Macmillan India Limited, 2015.



3. D.R.Patade Babasaheb Sangale and T.N.Salve : Banking and Finance: Fundamental of Banking, Success Publications, Pune, January 2013.
4. N. Mukund Sharma: Banking and Financial Services, Himalaya Publishers, 2015.
5. Akhan Ali Jafor: Non-Banking Financial Companies in India: Functioning and Practice, New Century Publications, New Delhi, 2010.
6. RBI: “Non-Banking Financial Institutions” in Report on Trend and Progress of Banking in India 2019-20.
7. RBI: Discussion Paper on Engaging Business Correspondents.
8. Govt. of India: Ministry of Electronic and Information Technology: Digital Seva Operational Manual for Common Service Centres.

**Web Learning Resources:**

1. <http://www.cscentrepneur.in/> for Telecentre Entrepreneurship Course
2. <https://www.rbi.org.in/>
3. <http://www.iibf.org.in/>
4. <https://csc.gov.in/assets/cscmanual/digitalsevaoperationalmanual.pdf>
5. <https://www.rbi.org.in/>
6. <https://drive.google.com/file/d/1VU7aN4s5ikPQl7nX6mTBW-sVLQCNhfvK/view>

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA**

**(Single Major w.e.f. 2023-24)**

**ECONOMICS MAJOR - SEMESTER – II :: COURSE – III**

**PAPER 3 - MICROECONOMICS**

Hrs/Week :4

No. Of Credits: 4

Max Marks:100

**COURSE OUTCOMES:** On successful completion of the course, students will be able to

- \* Understand fundamental economic concepts like supply and demand, market structures, and pricing mechanisms.
- \* To analyze economic situations, make decisions based on constraints, and evaluate the impact of various choices.
- \* Assess economic policies and understand their effects on individuals, businesses, and society as a whole.
- \* Apply economic theories to real-world situations and analyze their outcomes.
- \* Understand how firms make decisions, set prices, and allocate resources.

**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

#### **References:**

1. Microeconomic Analysis, Bilingual Textbook, APSCHE
2. H. L. Ahuja, Advanced Economic Theory, S. Chand, 2004
3. A. Koutsoyiannis, Modern Microeconomics – Macmillan, London.
4. P. N. Chopra, Principles of Economics, Kalyani Publishers, Ludhiana, 2018.
5. Telugu Academy Publications on Microeconomics
6. Microeconomics, Dr. Br. Ambedkar Open University Material
7. Microeconomics, IGNOU Material

#### **Suggested Activities:**

Unit-1: Group discussion on Identifying Surrounding Economic Activities

Unit-2: Project on Demand Analysis of any Good/Services and make presentation

Unit-3: Assignment on any production function or concepts of production

Unit-4: Field visit to any market and submission of a report

Unit-5: Seminar on distribution theories

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA**

**(Single Major w.e.f. 2023-24)**

**ECONOMICS MAJOR - SEMESTER – II :: COURSE – IV**

**PAPER 4 - MATHEMATICAL METHODS FOR ECONOMICS**

Hrs/Week :4

No. Of Credits: 4

Max Marks:100

1. **COURSE OUTCOMES:** On successful completion of the course, students will be able to
2. Develop a strong foundation in mathematical techniques and solve complex economic problems.
3. Make data-driven decisions, which is crucial in the field of economics.
4. Gain proficiency in constructing and interpreting economic models. This skill is helpful for understanding and predicting economic phenomena.
5. Refine problem-solving abilities, enabling them to approach economic challenges with logical and systematic methods.
6. Move beyond economics, opening doors to interdisciplinary collaborations and a broader range of career paths.

**UNIT 1: SETS & FUNCTIONS**

- Role of Mathematical Methods in Economics
- Sets: Types, Operations
- Functions: Meaning, Types, Graphical Representation, Applications in Economics.

**UNIT 2: DIFFERENTIAL CALCULUS**

- Limits of Functions; Continuity and Differentiability of a Function
- Derivative of a Function; Rules of Differentiation
- First and Second Derivatives and their Interpretations; Partial Derivatives
- Applications of Derivatives in Economics

**UNIT 3: OPTIMIZATION PROBLEMS AND THEIR APPLICATIONS**

- Concept of Optimization in mathematics; Problems of Maxima and Minima
- Unconstrained & Constrained Optimization
- The Method of Lagrange Multipliers
- Some Applications of Optimization in Economics

**UNIT 4: INTEGRATIONS AND LINEAR PROGRAMMING**

- Concept of integration; Simple Rules of Integration

- Application of Integrations in Economics
- Linear Programming: Basic Concept, Formulation of Problem; Feasible, Basic and Optimal Solutions
- Applications of Linear Programming in Economics.

## **UNIT 5: MATRICES AND DETERMINANTS AND APPLICATIONS IN ECONOMICS**

- Matrix: Concept, Types; Matrix Operations: Addition, Multiplication Determinants, Inverse of a Matrix
- Solution to the System of Simultaneous Equations, Cramer's Rule
- Some Applications of Matrix Theory in Economics

### **References:**

1. Alien, R.G.D. (1974), *Mathematical Analysis for Economists*, Macmillan Press and ELBS, London.
2. Chiang, A.C. (1986), *Fundamental Methods of Mathematical Economics*, McGraw Hill, New York.
3. Yamane, Taro (1975), *Mathematics for Economists*, Prentice Hall of India New Delhi.
4. Heijdra, B.J. and V.P. Fredericck (2001), *Foundations of Modern Macroeconomics*, Oxford University Press, New Delhi.
5. Knut Sydsaeter and Peter Hammond (2008), *Mathematics for Economic Analysis*. Pearson education.
6. Open Source Online Materials & Videos: IGNOU, e-PG Pathasala, SWAYM, Khan Academy etc.

### **Suggested Activities:**

Unit-1: Assignments on solving sets and modeling various functions

Unit-2: Exercises on solving differential equation and their application in economics

Unit-3: Board Presentation by students in solving the optimization problems related to economics

Unit-4: Task Based Learning (TBL) for solving and application of the linear program models with economic examples

Unit-5: Group Projects on solving matrix problems, submit report and make presentation.

**COURSE CODE: ECO244EDIAP**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
(On the revised CBCSw.e.f. 2021-22)  
SEMESTER – IV :: COURSE – IV  
ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH**

Hrs/Week :5

No. Of Credits: 4

Max Marks:100

**COURSE OUTCOMES:** On successful completion of the course, students will be able to

- \* To understand the basic features of Indian economy and its development since independence, and also to understand the planning structure and the place of Indian economy in Human Development Index.
- \* Be able to understand the national income, trends and the problems of unemployment, poverty in the economy along with the measures to correct them.
- \* Get to know about Indian agriculture, various policies relating to agriculture and the programmes implemented by the government to improve the industrial sector.
- \* Utilize the knowledge of taxation to understand the impact on commerce and industry and also to analyze the state central relations.
- \* The key changes in Andhra Pradesh state after bifurcation in 2014 and the problems faced by it after separation.

**SYLLABUS**

**UNIT 1: BASIC FEATURES**

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

**UNIT 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.

**UNIT 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.

**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 – Public Expenditure and Public Debt - Fiscal Policy and Budgetary Trends

### **UNIT 5: ANDHRA 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&V,K,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

#### **Web Learning Resources:**

- <https://www.ibef.org/economy/indian-economy-overview>
- <https://www.rba.gov.au/publications/bulletin/2020/dec/economic-developments-in-india.html>
- <https://nb.vse.cz/~urbanek/Public%20Finance/PublicFinance.pdf>
- [http://www.isec.ac.in/Introduction %20to %20public %20finance.pdf](http://www.isec.ac.in/Introduction%20to%20public%20finance.pdf)
- <https://www.ibef.org/industry/agriculture-india.aspx>
- <https://apedb.gov.in/about-ap.html>

**COURSE CODE: ECO245SME**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA**

**(On the revised CBCSw.e.f. 2021-22)**

**SEMESTER – IV :: COURSE –V**

**STATISTICAL METHODS FOR ECONOMICS**

Hrs/Week :5

No. Of Credits: 4

Max Marks:100

**COURSE OUTCOMES:** On successful completion of the course, students will be able to

- \* Understand about the nature and importance of statistics in economics, types of data and sampling, and its collection methods.
- \* To analyse the data collection methods, and tabular and graphical presentation of data.
- \* To understand about the measures of central tendency namely mean median, mode and measures of dispersion.
- \* Able to know correlation and various types along with regression and its uses in real life.
- \* Analyze time series and measurement of time series and also index numbers, types, uses and limitations.

### **SYLLABUS**

#### **UNIT – 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

#### **UNIT – 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

#### **UNIT – 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.

#### **UNIT – 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.

#### **UNIT – 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 – Laspeyer'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. Gupta, Fundamentals of Statistics, Himalaya Publishing House, Hyderabad.
7. Digambar Patri and D. N. Patri, Statistical Methods for Economics, Kalyani Publishers, Ludhiana, 2017.
8. Telugu Akademy Book, ParimanathmakaPaddathulu (For B.A.)

### **Web Learning Resources:**

<https://www.statisticshowto.com/statistics-basics/>  
<https://towardsdatascience.com/the-5-basic-statistics-concepts-data-scientists-need-to-know-2c96740377ae>  
<https://www.schoollearningresources.com/PDF/ Basics%20of%20Statistics.pdf>  
[https://www.wrps.org/faculty/MormanSJ/cms\\_files/assignment\\_attach/997/Measures%20of%20Central%20Tendency%20and%20Dispersion.pdf](https://www.wrps.org/faculty/MormanSJ/cms_files/assignment_attach/997/Measures%20of%20Central%20Tendency%20and%20Dispersion.pdf)  
[https://www.stat.colostate.edu/inmem/gumina/st201/class10/downloads/Correlation\\_Regression\\_Xmp\\_sol.pdf](https://www.stat.colostate.edu/inmem/gumina/st201/class10/downloads/Correlation_Regression_Xmp_sol.pdf)  
<https://www.slideshare.net/YesicaYulianAdicondr/time-series-forecasting-and-index-numbers-80805179>  
[https://www.oreilly.com/library/view/business-statistics-for/9781118213957/26\\_chapter15.html](https://www.oreilly.com/library/view/business-statistics-for/9781118213957/26_chapter15.html)

**COURSE CODE:**

**ANDHRA LOYOLA COLLEGE(AUTONOMOUS)::VIJAYAWADA  
SEMESTER – IV, CERTIFICATE COURSE  
PUBLIC FINANCE**

Hrs/Week :4

No. Of Credits: 4

Max Marks:100

**COURSE OUTCOMES:** On successful completion of the course, students will be able to

- \* Explain the concepts of government and public finance.
- \* Compare the role of the state in the economy.
- \* Describe how and in which manner government spends, the causes of increasing public expenditure in the modern economies, explain the varying effects of public expenditure on the economy and role of public expenditure in a developing economy.
- \* Understand the various sources of government borrowing and the reasons behind the growing public debt, describe how the debt is repaid, the role of public debt in developing countries, explain the concept of debt trap.
- \* Research, and examine key issues and challenges in fiscal policy in a particular development or country context.

**SYLLABUS****UNIT I: INTRODUCTION**

Meaning and scope of Public Finance - Distinction between Public and Private Finance.

**UNIT II: PUBLIC REVENUE AND EXPENDITURE**Source of Public Revenue – Types of Taxes – Direct Tax- Indirect Taxes- Merits and Demerits  
Meaning and classification of public expenditure.**UNIT III: DEBT AND BUDGET**Public debt -Types- methods of debt redemption. Budget - Meaning and Definition ,  
Structure of budget in India, Different concepts of budget deficits.**UNIT IV: INTERNATIONAL FINANCIAL AND TRADE INSTITUTIONS**

IMF, IBRD, Asian Development Bank, GATT, and WTO

**UNIT V: CENTER STATE FINANCIAL RELATIONS**

Nature of Center State Financial Relations, Finance Commissions and their Functions, FRBM Act.

**References:**

1. B.P.Tyagi - "Public Finance", Jai Prakash Nath, 2012.
2. H.D.Bhatia - "Public Finance" Vikas Publishing House 2013.
3. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).
4. S.K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.
5. Budget at a Glance
6. Economic and Functional Classification of the Budget

7. Telugu Academy Publications.

**Web Learning Resources:**

<http://www.yourarticlelibrary.com>  
<http://economicsdiscussion.net>>India.  
<http://www.sciencedirect.com>>  
<http://www.thebalance.com>>  
<http://economictimes.indiatimes.com>>