



GOVERNMENT DEGREE COLLEGE,

RAYACHOTY, ANNAMAYYA DISTRICT, AP516269

(Accredited with C grade by NAAC)



Department of ECONOMICS

Program Specific Out Comes, Course Out Comes

MAPPING

BA Economics

UNDER CBCS FRAMEWORK 2015-2016

| | |
|--------------|---|
| PSO1 | Understand the behaviour of Indian and World economy. |
| PSO2 | Analyse macroeconomic policies including fiscal and monetary policies of India |
| PSO3 | Determine economic variables including inflation, unemployment, poverty, GDP, Balance of Payments using statistical methods. |
| PSO4 | Understand the behaviour of financial and money markets and perform cost-benefit analysis for making investment decisions |
| PSO5 | Apply quantitative or logical reasoning/research for problem solving. |
| PSO6 | Evaluate national scenario against historical background and contribute towards nation building and social causes. |
| PSO 7 | - Agricultural environment and natural resources, Food and consumer economics Production economics and farm management |
| PSO8 | Specializations: The agri-business colleges in AP offer various specializations, such as human resources, finance, sales and marketing, and retail. |
| | Contract Farming: Farmers enter into contracts with buyers to produce specific crops or livestock products. |
| | Technology and equipment for precision agriculture, such as drones, sensors, and GPS guidance systems. |

| Semester-I Economics Course-I : Micro Economics consumer behaviour | | PSO | | | | | | |
|--|---|-----|---|---|---|---|---|---|
| CO-1 | Explain what is an economy, economics and differentiate between micro and macro Economics | √ | | √ | | √ | | √ |
| CO-2 | Analyses the demand of a product and understand its application | | √ | | √ | | √ | |
| CO-3 | Estimate production function and understand its application | | | √ | | √ | | √ |
| CO-4 | Analyze functioning of different markets and their differentiations Examine the determination of rent, wage, interest and profit | | √ | | √ | √ | | |
| CO-5 | Analyse various concepts and theories of equilibrium and welfare | √ | | | | √ | √ | √ |

| Semester-II Economics Course -II : : Macro Economics -Production and price theory | | PSO | | | | | | |
|---|--|-----|---|---|---|---|---|---|
| CO-1 | Explain the functioning a macro economy with its inter-linkages and measure and analyse the national income of the country | √ | | √ | | √ | | √ |
| CO-2 | Analyse the classical and Keynes theories of employment and its application in current Economy | | √ | | √ | | | |
| CO-3 | Explain the importance of money and banking along with their function Analyse RBI policies | | | √ | | √ | √ | √ |
| CO-4 | Analyse casuses and evaluate the measures to control inflation and trade cycles in the economy | | √ | | √ | √ | | √ |
| CO-5 | Evaluate the macroeconomic policy targets | √ | | | | √ | √ | |

| Semester-III Economics Course -III : : Macro Economics-national income employment and money | | PSO | | | | | | | |
|--|--|------------|---|---|---|---|---|---|---|
| CO-1 | Remembers various concepts, definitions, laws, and principles of macroeconomic theory with reference to income, employment, and money. | √ | | √ | | | √ | | √ |
| CO-2 | Explains (understanding) the difference between various concepts and components of national income with illustrations and methods of | | √ | | √ | | | √ | |
| CO-3 | Understands the factors affecting employment and the dynamics of labor markets. | | | √ | | √ | | | √ |
| CO-4 | Analyses the impact of economic policies on employment levels and patterns. | | √ | | √ | | √ | | |
| CO-5 | Critically examine the Neo-classical and Keynesian Synthesis | √ | | | | √ | | √ | |

| Semester-IV Economics Course -IV : : Macro Economics Banking and International trade | | PSO | | | | | | | |
|---|---|------------|---|---|---|---|---|---|---|
| CO-1 | Analyse gains from trade and changing patterns of trade | √ | | √ | | | √ | | |
| CO-2 | Understand income distributional consequences of liberalizing foreign trade | | √ | | √ | | | √ | |
| CO-3 | Explore the relationship between trade, investment, and economic growth | | | √ | | √ | | | √ |
| CO-4 | Evaluate reasons for and consequences of trade policies | | √ | | √ | | √ | | |
| CO-5 | Critically examine the Neo-classical and Keynesian Synthesis | √ | | | | √ | | | √ |

| Sem V Paper V Contemporary Indian Economy | | PSO | | | | | | |
|---|---|-----|---|---|---|---|---|---|
| CO-1 | Understand major economic phenomena, analyze government policies, and demonstrate their significance. | √ | | √ | | | | √ |
| CO-2 | Acquire necessary skills to identify, analyze, and solve economic problems logically and efficiently. | | √ | | √ | | √ | |
| CO-3 | Understand India's economic growth trajectory, LPG policies, and institutional reforms. | | | √ | | √ | | √ |
| CO-4 | Describe the current problems of Indian Economy | | √ | | √ | | | √ |
| CO-5 | Identify the factors contributing to the recent growth of the Indian economy | √ | | | | √ | | √ |

| Sem V Paper VI Quantitative Technique's | | PSO | | | | | | |
|---|---|-----|---|---|---|---|---|---|
| CO-1 | Understand and compare an array of quantitative methods available from diverse fields (statistics, data mining, domain-specific fields). | √ | | √ | | | √ | |
| CO-2 | Utilize clinical and administrative data sets for research, quality measurement, or interventions | | √ | | √ | | | √ |
| CO-3 | Evaluate simulation models and interpret finding | | | √ | | √ | | |
| CO-4 | Students gain an understanding of various quantitative methods available from diverse fields, including statistics, data mining, and domain-specific areas. | | √ | | √ | | | √ |
| CO-5 | They learn to utilize clinical and administrative data sets for research, quality measurement, or interventions. | √ | | | | √ | | √ |

| Sem VI Paper VIII (Cluster)A1 Agribusiness Environment In AP | | PSO | | | | | | | |
|---|---|-----|---|---|---|---|---|---|---|
| CO-1 | The expected outcomes (objectives) of the 5-year Integrated Geo-Informatics for Climate Change Adaptation and Resilience (IGGCA) project in Andhra Pradesh include: | √ | | √ | | | √ | | √ |
| CO-2 | Delivering convincing research results according to internationally acknowledged scientific standards. | | √ | | √ | | | √ | |
| CO-3 | Furthering agroecological farming practices in AP and beyond. | | | √ | | √ | | | √ |
| CO-4 | Proposing a solution for an environmental problem: Develop informed solutions. | | √ | | √ | | | √ | |
| CO-5 | Analysing a research study to identify a hypothesis: Evaluate scientific research | √ | | | | √ | | | |

| Sem VI Paper VIII (Cluster)A1 Agribusiness Environment In AP | | PSO | | | | | | | |
|---|---|-----|---|---|---|---|---|---|---|
| CO-1 | The expected outcomes (objectives) of the 5-year Integrated Geo-Informatics for Climate Change Adaptation and Resilience (IGGCA) project in Andhra Pradesh include: | √ | | √ | | | √ | | √ |
| CO-2 | Delivering convincing research results according to internationally acknowledged scientific standards. | | √ | | √ | | | √ | |
| CO-3 | Furthering agroecological farming practices in AP and beyond. | | | √ | | √ | | | |
| CO-4 | Proposing a solution for an environmental problem: Develop informed solutions. | | √ | | √ | | | | √ |
| CO-5 | Analysing a research study to identify a hypothesis: Evaluate scientific research | √ | | | | √ | | | |

| Sem VI Paper VIII (Cluster)A2 Agricultural output marketing | | PSO | | | | | | | |
|--|---|-----|---|---|---|---|---|---|---|
| CO-1 | Explain different competitive environments in which various market participants operate. | √ | | √ | | | | | |
| CO-2 | Describe different marketing activities and services that take place as agricultural commodities go from the farm gate to the plate. | | √ | | √ | | √ | | √ |
| CO-3 | Explain how price is determined, and how farm, wholesale, and retail prices are related. | | | √ | | √ | | | |
| CO-4 | The expected outcomes (objectives) of the 5-year Integrated Geo-Informatics for Climate Change Adaptation and Resilience (IGGCA) project in Andhra Pradesh include: | | √ | | √ | | | √ | |
| CO-5 | Delivering convincing research results according to internationally acknowledged scientific standards. | √ | | | | √ | | | √ |

| Sem VI Paper VIII (Cluster)A3 Agricultural input marketing | | PSO | | | | | | | |
|---|--|-----|---|---|---|---|---|---|---|
| CO-1 | Explain different competitive environments in which various market participants operate. | √ | | √ | | | | | √ |
| CO-2 | Understand the marketing activities and services involved in moving agricultural commodities from the farm gate to the consumer. | | √ | | √ | | √ | | |
| CO-3 | Describe how price is determined and the relationship between farm, wholesale, and retail prices | | | √ | | √ | | | |
| CO-4 | Understand firm and farm-level decision rules for the efficient operation of enterprises. | | √ | | √ | | | √ | √ |
| CO-5 | Analyze the institutional structure and use of agricultural marketing systems. | √ | | | | √ | | | |



B Eswariah
Lecturer in Economic
GDC Rayachoty



B KIRAN KUMAR, MSc, BEd, NET, SET
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Department of ECONOMICS

Program Specific Out Comes And Course Out Come Mapping

BA Economics

UNDER CBCS FRAMEWORK 2020-2021

| | |
|-------------|---|
| PSO1 | Understand the behaviour of Indian and World economy. |
| PSO2 | Analyse macroeconomic policies including fiscal and monetary policies of India |
| PSO3 | Economic Growth: Increase in GDP, per capita income, and overall economic output, Human Development: Improvement in healthcare, education, and living standards. |
| PSO4 | Andhra Pradesh is first in the country for GSDP growth at constant prices, with a growth rate of 11.43% in 2021-22. The state ranked fourth in the SDG India Report for 2020-21 and first in SDG-7 (affordable energy). - The World Bank ranked Andhra Pradesh as the best state in ease of doing business in 2016. |
| PSO5 | Apply quantitative or logical reasoning/research for problem solving. |
| PSO6 | 1. Increased Penetration: Growth in the percentage of the population having insurance coverage. 2. Density Ratio: Increase in the ratio of premium income to GDP. |
| PSO7 | 2. Deposit Growth: Growth in deposit accounts and deposit amount. 3. Credit Expansion: Increase in lending and credit disbursement to various sectors. 4. Transaction Digitalization: Growth in digital transactions (e.g., mobile banking, online banking, card transactions). |

| Semester-I Economics Course-I : Micro economic Analysis | | PSO | | | | | |
|--|--|------------|---|---|---|---|---|
| CO-1 | Remember and explain the concepts | √ | | | | √ | |
| CO-2 | Understand different theories in the context of real situation | | √ | | √ | | √ |
| CO-3 | Capable to draw graphs in various contexts | | | √ | | √ | √ |
| CO-4 | Now student can understand local market dynamics | | | | √ | | √ |
| CO-5 | Knowledge is improved | √ | | | | | √ |

| Semester-II Economics Course : Macro-economic analysis | | PSO | | | | | |
|---|---|------------|---|---|---|---|---|
| CO-1 | Macro economy concepts like aggregate supply, demand, GDP, Unemployment are familiar know | √ | | | | √ | |
| CO-2 | Now student can use and apply macro concepts and theories to any situation | | √ | | √ | | √ |
| CO-3 | Using different concept of NI and its differences | | | √ | | √ | √ |
| CO-4 | Appreciating the role of money and banking | | | | √ | | √ |
| CO-5 | Now student can apply inflation concept and calculation to the real situation | √ | | | | | √ |

| Semester-III Economics Course :Development Economics | | PSO | | | | | | |
|---|---|------------|---|---|---|---|---|---|
| CO-1 | 1.Students now recognise the difference between growth and development, understand indicators of development, impact of Covid- 19 | √ | √ | | | √ | | |
| CO-2 | They are now capable to understand backwardness of an economy including India | | | √ | √ | | √ | |
| CO-3 | Understand theories and their application, limits | | √ | | | √ | | √ |
| CO-4 | Now students know different strategies and their limitations | | | √ | √ | | √ | |
| CO-5 | Now they recognise the role played by market, state, world bank etc | √ | | | | | | √ |

| Semester-IV Economics Course :Economics development in India and AP | | PSO | | | | | | |
|--|---|------------|---|---|---|---|---|---|
| CO-1 | Explain the features of our economy and review five-year plans, Niti Aayog | √ | √ | | | √ | | |
| CO-2 | Understand Indian realities and limits of poverty eradication, income growth efforts | | | √ | √ | | √ | |
| CO-3 | In a position to analyse the trends in agricultural and industrial growth | | √ | | | √ | | √ |
| CO-4 | Get an idea on budget and its components and impact of debt | | | √ | √ | | √ | |
| CO-5 | Understand the changes in A.P. economy after state bifurcation and strengths and limits | √ | | | | | | √ |

| Semester-IV Economics Course :Statistical method for economics | | PSO | | | | | | |
|---|--|------------|---|---|---|---|---|---|
| CO-1 | Visualize and summarize data using descriptive statistics. | √ | √ | | | √ | | |
| CO-2 | Apply basic probability concepts to draw reasonable conclusions. | | | √ | √ | | √ | |
| CO-3 | Employ concepts of random variables, sampling distributions, and the central limit theorem to analyze and interpret data representations. | | √ | | | √ | | √ |
| CO-4 | Choose an appropriate method of inferential statistics (including confidence intervals and hypothesis testing) to make broader decisions based on sample data. | | | √ | √ | | √ | |
| CO-5 | Model linear relationships between quantitative variables using correlation and linear regression | √ | | | | | | √ |

| Semester-V -6C Insurance Service | | PSO | | | | | | |
|---|---|------------|---|---|---|---|---|---|
| CO-1 | Demonstrate knowledge of insurance contracts and provisions, and the features of property-liability insurance, life and health insurance, and employee benefit plans. | √ | √ | | | √ | | |
| CO-2 | Understand the operation and management of insurance entities, and the economic implications of organizational design and structure. | | | √ | √ | | √ | |
| CO-3 | Develop skills to facilitate insurance product cost and pricing, marketing, and distribution. | √ | √ | | | √ | | √ |
| CO-4 | Gain practical skills through professional development seminars, internships, and/or practicums in insurance and risk management. | √ | | √ | √ | | √ | |
| CO-5 | Examine the role of public policy, including social insurance, in personal financial planning and risk management. | | √ | | | | | √ |

| Semester-V -7C Banking and financial service's | | PSO | | | | | |
|--|--|-----|---|---|---|---|---|
| CO-1 | Demonstrate knowledge of insurance contracts, provisions, and features of property-liability insurance, life and health insurance, and employee benefit plans. | √ | √ | | | √ | |
| CO-2 | Exercise informed commercial judgment within a professional setting, emphasizing ethical and responsible decision-making. | | | √ | √ | | √ |
| CO-3 | Integrate technical and conceptual knowledge, as well as interpersonal skills, to work effectively within the financial services industry. | √ | √ | | | √ | √ |
| CO-4 | Acquire and synthesize information within a complex professional setting. | √ | | √ | √ | | √ |
| CO-5 | Think critically and creatively to identify better solutions within business constraints. | | √ | | | | √ |



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Department of Economics

**Program Specific Out Comes And Course Out Comes
Mapping**

BA Economics (Honours)

UNDER CBCS FRAMEWORK 2023-2024

| | |
|---------------|---|
| PSO 1 | The student will be able to understand the nature, various approaches, organs of the state, social perspectives, and application of ICT. |
| PSO 2 | The student is expected to demonstrate the significance of social sciences through better understanding of various fields of social experience and would be able to apply methods and approaches to social phenomena. |
| PSO 3 | Understand the behaviour of Indian and World economy. |
| PSO 4 | This course is to provide basic understanding about mathematical methods relevant to economics and skills to apply them in understanding various economic issues. |
| PSO 5 | This course is to learn about basic concepts, principles and theories in Macroeconomics to understand the functioning of a macro economy. |
| PSO 6 | This course is to learn about the philosophy and thoughts of various economists which are the basis for the evolution of economics as a discipline |
| PSO 7 | This course is to learn about basic concepts, principles and theories in development economics and apply them to analyse the issues in current economy |
| PSO 8 | This course aims to provide an understanding of public economics principles, theories, and policies, enabling students to analyse and evaluate issues in government revenue, expenditure and debt management. |
| PSO 9 | This course is to provide basic understanding about functioning of various aspects in Indian economy and analyse various issues and problems and suggest measures |
| PSO 10 | The course teaches students the basics of statistics with a special focus on its day-to-day applications in economics. It sets a necessary foundation for the econometrics courses and courses in advanced microeconomic theory within the Honours programme. |
| PSO 11 | This Course aims to develop a systematic understanding of the key concepts and theories in international economics, enabling them to critically evaluate the impact of trade policies on national economies and welfare |
| PSO 12 | This course aims to enlighten the students with the fundamental concepts of banking and financial services and provide skills needed to work in banking and Financial Service sector |
| PSO 13 | This course aims to enlighten the students with the fundamental Concepts of insurance services and practical dynamics, skills needed to work in Insurance sector |
| PSO 14 | To equip the students with the knowledge and understanding on Concepts/theories of urban entrepreneurship and provide needy skills through various appropriate concepts to establish and promote urban enterprises |
| PSO 15 | This course provides theoretical knowledge and practical skills about various inferential statistics such as probabilities, test of significance, multiple regression and also skill for using software like MS Excel and SPP for data analysis. |

| Semester- Paper – 1 Fundamentals of Social Sciences | | PSO | | | | | | | | | | | | | | |
|---|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Economics: Understand supply and demand principles at micro and macro levels, as well as the relationship between society and scarce resources. | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Politics: Explore ideologies, power dynamics, citizenship, and the exercise of power in society. | | √ | | | | | | | √ | | | | | | |
| CO3 | Sociology and Cultural Anthropology: Study in-groups and out-groups, rituals, race, ethnicity, gender, religion, crime, social movements, conflict, and migration. | | √ | | | √ | √ | | | | | | | | | |
| CO4 | Law: Differentiate between ethics, law, and justice, understand legal systems, and explore international law and basic human rights. | | | √ | | | | | √ | | | | | | | |
| CO5 | Criminology: Examine the interrelationship between society, legal systems, politics, and geography in the context of crime and criminals. | √ | | | | | | | | | | √ | | | | |

| Paper II Perspectives on Indian Society | | PSO | | | | | | | | | | | | | | |
|---|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | his course aims to provide a broad overview of the multiple theoretical and methodological perspectives adopted by sociologists to understand Indian society. | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | It covers major perspectives such as Indological, Structural-functional, Marxian, Structuralist, and Subaltern perspectives. | | | √ | | | | | | | √ | | | | | |
| CO3 | The course also discusses contemporary debates such as standpoint theory and decoloniality in the Indian context. | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | Intended Audience: Undergraduate and postgraduate students of sociology, aspirants of competitive | | | | √ | | | | | √ | | | | | √ | |
| CO5 | his course aims to provide a broad overview of the multiple theoretical and methodological perspectives adopted by sociologists to understand Indian society. | | √ | | | | | | | | | | √ | | | √ |

| 3. MICROECONOMICS | | PSO | | | | | | | | | | | | | | |
|-------------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Explain what is an economy, economics and differentiate between micro and macro economics | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Analyses the demand of a product and estimate elasticity | | √ | | | | | | | √ | | | | | | |
| CO3 | Estimate production function and understand its application | | √ | | | √ | √ | | | | | | √ | | | |
| CO4 | Analyze functioning of different markets and their differentiations | | | √ | | | | | √ | | | | | √ | | |
| CO5 | Examine the determination of rent, wage, interest and profit | √ | | | | | | | | | | √ | | | √ | |

| 4. MATHEMATICAL METHODS FOR ECONOMICS | | PSO | | | | | | | | | | | | | | |
|---------------------------------------|--|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Explain the basics of sets, functions and their graphical representation | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | Learn the rules of differentiation and apply the same to economic problems | | | √ | | | | | | | √ | | | | | |
| CO3 | Apply rules of integration to estimate the size of consumers' and producers' surplus | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | Solve the economic problems through the application of the Matrix Theory | | | | √ | | | | | √ | | | | | √ | |
| CO5 | Learn and use maxima and minima to Optimization problems in economics | | √ | | | | | | | | | | √ | | | √ |

| 5. MACROECONOMICS | | PSO | | | | | | | | | | | | | | |
|-------------------|--|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Explain the functioning a macro economy with its inter-linkages and measure and analyse the national income of the country | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | Analyse the Classical and Keynes theories of employment and its application in current Economy | | | √ | | | | | | | √ | | | | | |
| CO3 | Explain the importance of money and banking along with their functions Analyse RBI policies | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | Analyse causes and evaluate the measures to control inflation and trade cycles in the economy | | | | √ | | | | | √ | | | | | √ | |
| CO5 | Evaluate the macroeconomic policy targets | | √ | | | | | | | | | | √ | | | √ |

| 6. ECONOMIC THOUGHT AND POLITICAL ECONOMY | | PSO | | | | | | | | | | | | | | |
|---|--|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Explain the Economic thoughts of Pre-classical, Classical and Socialist. | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Explain Neo-classical, Keynes and Post-Keynesian economic thoughts. | | √ | | | | | | | √ | | | | | | |
| CO3 | Analyse the essence of institutional and behaviourists' economic thoughts. | | √ | | | √ | √ | | | | | | √ | | | |
| CO4 | Evaluate the contribution of Indian economists to the evolution of economic thought. | | | √ | | | | | √ | | | | | √ | | |
| CO5 | Analyze the political economy in relation to development. | √ | | | | | | | | | | √ | | | √ | |

| 7. DEVELOPMENT ECONOMICS | | PSO | | | | | | | | | | | | | | |
|--------------------------|--|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Explain concepts of economic growth and development, measure them, identify their factors. | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | Analyse the developmental issues of poverty, unemployment, inequality and sustainable development and suggest measures | | | √ | | | | | | | √ | | | | | |
| CO3 | Comprehend the various theories of growth and development | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | Examine and suggest various developmental strategies suitable to developing countries | | | | √ | | | | | √ | | | | | √ | |
| CO5 | Explain the role of institutions, planning in economic development | | √ | | | | | | | | | | √ | | | √ |

| 8. PUBLIC ECONOMICS | | PSO | | | | | | | | | | | | | | |
|---------------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | Explain and illustrate the basic concepts and principle of public finance | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Discuss various sources of public revenue, different theories of taxation, tax systems and incidence of taxation | | √ | | | | | | | √ | | | | | | |
| CO3 | Analyse various principles, theories, practices of public expenditure with reference to public expenditure practices in India | | √ | | | √ | √ | | | | | | √ | | | |
| CO4 | Explain the concept of debt burden and its effect, budget concepts and deficits with reference to Indian economy. | | | √ | | | | | √ | | | | | √ | | |
| CO5 | Examine the importance of fiscal policy, fiscal federalism and discuss the role of finance commission with reference to India | √ | | | | | | | | | | √ | | | √ | |

**9. INDIA AND A.P
ECONOMY**

PSO

| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
|------------|--|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| CO1 | Explain the basic characteristics, structural changes, planning and human development in Indian economy | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | Analyse the changes in incomes, demography and the developmental issues such as poverty, inequality, unemployment and migration and suggest measures to address them | | | √ | | | | | | | √ | | | | | |
| CO3 | Examine the components of agricultural and industrial sectors and their performance | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | Examine the issues in public finance in terms of taxes, revenues, deficits and finance commission | | | | √ | | | | | √ | | | | | √ | |
| CO5 | Analyse the issues in Andhra Pradesh economy related to agriculture, industry and welfare programs | | √ | | | | | | | | | | √ | | | √ |

**10. STATISTICAL METHODS
FOR ECONOMICS**

PSO

| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
|------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| CO1 | Understand the nature of statistics and able to collect data using questionnaire | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Draws critical diagrams and graphs for presentation of data | | √ | | | | | | | √ | | | | | | |
| CO3 | Calculates and Analyses Averages and Dispersions using given data and information | | √ | | | √ | √ | | | | | | √ | | | |
| CO4 | Explains the uses of correlation and regression analysis, time series and index numbers in economic analysis. | | | √ | | | | | √ | | | | | √ | | |
| CO5 | Calculate index numbers | √ | | | | | | | | | | √ | | | √ | |

11. INTERNATIONAL ECONOMICS

PSO

| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
|------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| CO1 | Explain the importance and concepts of international trade | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | Make a critical analysis of the theories of international trade | | | √ | | | | | | | √ | | | | | |
| CO3 | Explain changes in the methods of determining exchange rates | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | Analyse the effects of Trade Barriers and protectionism in International Trade. | | | | √ | | | | | √ | | | | | √ | |
| CO5 | Explain multilateralism, regionalism and India's international trade | | √ | | | | | | | | | | √ | | | √ |

12. BANKING AND FINANCIAL SERVICES

PSO

| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
|------------|--|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| CO1 | Explain the concepts and principals of banking and financial services | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Know different types of deposits and digital banking services | | √ | | | | | | | √ | | | | | | |
| CO3 | Understand functions of Banking Correspondents and Common Service Centres | | √ | | | √ | √ | | | | | | √ | | | |
| CO4 | Examine the functions and challenges of Non-Banking Financial Institutions | | | √ | | | | | √ | | | | | √ | | |
| CO5 | Explain the concepts and principals of banking and financial services | √ | | | | | | | | | | √ | | | √ | |

| 13. Insurance Services | | PSO | | | | | | | | | | | | | | |
|------------------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
| CO1 | CO1: Explain the concept and principles of insurance service and functioning of insurance service agencies. s | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | CO2: Understand different life insurance products. | | | √ | | | | | | | √ | | | | | |
| CO3 | CO3: Identify the need for general Insurance and different general insurance products. | | | √ | | | √ | √ | | | | | | √ | | |
| CO4 | CO4: Demonstrate practical skills to enable them to start insurance service agency or earn wage employment in it. | | | | √ | | | | | √ | | | | | √ | |
| CO5 | CO5: Evaluate the performance of local case studies by understanding customer mind-set and the role of various supporting institutions under the existing regulations | | √ | | | | | | | | | | √ | | | √ |

**14 A. URBAN
ENTREPRENEURSHIP and
MSMEs**

PSO

| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
|------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| CO1 | Explain the basic theories and essentials of entrepreneurship | √ | | | √ | | | √ | | | √ | | √ | | | |
| CO2 | Apply the theories of entrepreneurship to the conditions of local urban area and formulate appropriate business ideas. | | √ | | | | | | | √ | | | | | | |
| CO3 | Identify and analyze the entrepreneurship opportunities available in local urban area | | √ | | | √ | √ | | | | | | √ | | | |
| CO4 | Demonstrate practical skills that will enable them to identify various funding sources | | | √ | | | | | √ | | | | | √ | | |
| CO5 | Identify and evaluate the performance of local case studies by understanding the role of various supporting institutions under the existing regulations | √ | | | | | | | | | | √ | | | √ | |

PSO

15 A. INFERENCE STATISTICS AND SOFTWARE PACKAGES

| | | PSO1 | PSO2 | PSO3 | PSO4 | PSO5 | PSO6 | PSO7 | PSO8 | PSO9 | PSO10 | PSO11 | PSO12 | PSO13 | PSO14 | PSO15 |
|------------|---|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| CO1 | CO1: Interpret the concept and theory of probability | | √ | | | √ | | | √ | | | √ | | √ | | |
| CO2 | CO2: Analyse and apply the different probability distributions | | | √ | | | | | | | √ | | | | | |
| CO3 | CO3: Learn and Demonstrate the skills on various tests of significance | | | √ | | | √ | √ | | √ | | | | √ | | √ |
| CO4 | CO4: Learn and use of multiple regression model in economic | | | | √ | | | | | √ | | | | | √ | |
| CO5 | CO5: Use Excel sheets and SPSS package to analyse the data and derive the results | | √ | | | | | | | | | | √ | | | √ |



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