

Govt. Lal Chakradhar Shah PG College, Ambagarh Chowki

Department of Economics

Program Outcomes and Course Outcomes

FOUR YEAR UNDERGRADUATE PROGRAM (NEP-2020)

Program: Bachelor of Arts

Program Outcome(PO):

PO1- Develops Critical thinking: To draw relationship between various assumptions and their actual estimates, helps to develop analytical and critical thinking.

PO2- Communicational skill enhancement: By connecting to people, various ideas help the communication skill.

PO3- Ethical Awareness: More awareness about the values of life, moral duties and obligations.

PO4- Environment and Sustainability: To know about the environmental issues and the solutions.

Program Specific outcomes (PSO):

PSO 1- Economic System: Ability to know the basics of economics at macro and micro level.

PSO2- Statistical Analysis: Acquaint with the statistical data and analysis.

PSO3- Perspective on Indian Economy: Awareness about the nation's economic policies and compare it with the global scenario.

PSO 4- Development Perspective: Draw a relation between developed and developing economies.

Course learning outcomes (CLO)

ECSC-01: BASICS OF ECONOMICS

- This course gives a general idea about the basics of economics.
- It tries to bridge the gap between higher secondary syllabus and higher education.
- This paper creates eagerness and enthusiasm among students to know more about economics.
- It also envisages the basic knowledge of micro and macroeconomics and tries to create an interest.

ECSC-02: BASICS OF INDIAN ECONOMY

- The students learn about the state of Indian economy pre and post independence.
- The students learn about the planning process and its achievements in Indian economy.
- The students come across with the new economic reforms introduced in Indian economy in the year 1991 and its role in India's development.
- The students will come to know about some social problems like overpopulation, education, health & malnutrition, poverty, unemployment etc.
- The students learn the problem and prospects of agriculture sector in India.
- The students learn various aspects of industrial development and reforms process in the industrial economy.
- The students learn the role of foreign trade on Indian economy. They will also learn various aspects of foreign trade in India.
- The student learns the state income of Chhattisgarh in the form of GSDP, Per capita income, sectorial contribution etc.
- The students also learn about the importance of agriculture in Chhattisgarh's economy.
- The students learn about various crops their production and productivity.
- The students learn about various industries and infrastructure facilities in Chhattisgarh.

ECSC-03: MICRO ECONOMICS

- This course deals with the basics of Micro Economics.
- Student after passing this course will understand rational behavior of microeconomics.
- Students will know about the production process.
- Along with it, they will also be able to explain the markets and their compositions.
- The students will have knowledge of welfare, which is a pivot to equality and justice.

ECSC-04: MACRO ECONOMICS

- Students after studying this paper are aware of the National income component.
- They have good knowledge of the consumption and investment pattern, which helps them in balancing their income in a proper manner.
- They get information regarding markets and its fluctuations.
- Students get knowledge of various tariffs and quotas being imposed on goods.
- Students get an idea about money and also about the bank deposits and loans.

ECSC-05: DEVELOPMENTAL ECONOMICS

- It will help the students to know more about growth and development.
- Students will be benefited by experiencing the population pattern and its impact on the economy.
- Various topics on environment will enhance the knowledge of nature and environmental disruption.
- The students will have a deep knowledge of their home state on various aspects of economy.

ECSC-06: STATISTICAL METHODS

- Student after studying statistical methods will develop a realistic approach towards economics. He becomes more analytical in his life.
- Statistics also teaches him to check and verify theoretical approach.
- He can analyze data and more clarity is attained in his findings, be it economic or real life.

ECSC-07: ADVANCE ECONOMIC THEORY

- With the help of this course the students will understand the important concepts related to consumer behavior.
- Students get information about the important topic of production function which will help him in the competitive exams.
- The students will learn various concepts of markets as well as their equilibrium.
- The students learn various hypotheses related to consumption function within macroeconomics.
- The students will come across with various aspects of monetary theory and related various theories.

ECSC-08: QUANTITATIVE METHODS

- Student after studying quantitative methods will develop a realistic approach towards economics. He becomes more analytical in his life.
- Students will enhance advance knowledge of statistics and quantitative techniques.
- They will be able to analyze statistical data rigorously and also forecast about the future values.
- This paper will built a foundation among the students of economics for a comprehensive research.

ECSE-01: INTERNATIONAL ECONOMICS

- This course introduces students to the various international trade theories and students will learn how international trade has helped countries to acquire goods at cheaper cost. Also, understand the concept of balance of payments and exchange rate determination in foreign exchange market.

ECSE-02: HISTORY OF ECONOMIC THOUGHT

- The course enhances the knowledge of economic thoughts and values in the minds of students.
- Various schools of thoughts including Indian have had a great impact on the economic scenario globally.

ECSE-03: INDUSTRIAL ECONOMICS

- This paper introduces to students with concept of firms and its structure.
- The students will learn how location of industry is determined by different location theories and different types of project appraisal techniques.

ECSE -04: MONEY AND BANKING

- The students will learn the evolution of money. They will also learn the value of money and inflation and other related issues of monetary economics.
- The students will get knowledge about banking and its functions, various deposit accounts which will be helpful for them in real life also.
- The students will get complete information about RBI, its main functions and the measures to control credit creation.
- The students will get knowledge about various aspects of macroeconomics by the whole syllabus resulting in increased knowledge of theoretical as well as practical aspects of macroeconomics.
- This course introduces students to the conceptual and practical operations of the Money, banking, financial markets and institutions. The course is intended to provide an in-depth understanding of the operational issues of capital and money market network along with its regulatory framework.

ECSE -05: PUBLIC FINANCE

- The students will learn the evolution of money. They will also learn the value of money and inflation and other related issues of monetary economics.
- The students learn the whole process of preparation and passing of govt. budget. They also get information about various aspects of budget which will make them aware about the whole government mechanism.
- The students get knowledge about various taxes and their role & importance in the economy which will make them responsible citizen of India.
- The students will get knowledge about various aspects of macroeconomics by the whole syllabus resulting in increased knowledge of theoretical as well as practical aspects of macroeconomics.
- This course aims to introduce the students to the basic concepts of Public Finance. On completion of this course students will be able to understand the revenue and expenditure system of the federal country, India.

ECSE-06: ECONOMICS OF CHHATTISGARH

- This papers aims to introduce students with the basic economic features of Chhattisgarh economy, growth pattern.
- It helps them understand the pattern of agriculture and rural development, and sectoral growth in Chhattisgarh.

ECSE -07: BASIC ECONOMETRICS

- On completion of this course, students will be able to understand the concept of econometrics in the economic research.
- They will learn hypotheses testing and regression model and their estimation.

ECSE-08: ENVIRONMENTAL ECONOMICS

- On completion of this course, students will be able to understand the concept of environment and its linkage to economy.
- Students will be aware of the available natural resources, its optimum use, implication and consequences.
- It will teach about the pollution hazard and measures to control it.

- It will define relationship between environment and sustainable development.
- Awareness regarding environmental values shall increase.

ECSE-09: DEMOGRAPHY

- The student will be aware of the demographic dividend of India.
- After completion of the course, the student will have a clear cut idea of population growth.
- He shall be aware of the concept of birth, death and mortality rate.
- He will also be aware of the demographic transition prevailing in India

ECSE-10: INDIAN AGRICULTURE

- The student will know about the agriculture sector and its impact on the Indian economy.
- He will also be aware of the various allied sectors associated with agriculture.
- HE will be well versed with various policies enacted for the farmers.
- He will also learn various means to finance the agriculture sector.

ECSE-11: GENDER ECONOMICS

- This course will enable student to know the importance of gender equality.
- It will make the students more responsive towards women issues.
- The students will enhance their knowledge about legal rights of women.
- It will create awareness about govt. Initiative towards gender development.
- Compare budgetary allocations on the basis of gender.

ECSE-12: ECONOMICS OF SOCIAL SECTOR

- This course enhances the knowledge about the social sector and various developmental indicators.
- It studies about the minimum needs of a person.
- It also makes aware the student regarding education, health and food security.

ECGE-01: BASICS OF ECONOMICS

- This course gives a general idea about the basics of economics.
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ECGE-02: BASICS OF INDIAN ECONOMY

- The students learn about the state of Indian economy pre and post independence.
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ECSEC-01: Statistical Product and Service Solutions (SPSS)

- Use the advanced features of SPSS will assist the students in their research endeavors.
- Comprehending new trends and techniques in using appropriate statistical and computational tools for inter -disciplinary research.
- Effectively analyze and present their data and research outcomes
- Understand basic functions of statistical software package for managing variables and generate descriptive statistics to describe the data and analyse data through graphs and charts.
- Test differences in sample means.
- Identify relationships between variables and develop models for predicting dependent variables on the basis of independent variables.

NON- NEP-2020

Program: Bachelor of Arts Part- I/IIII

PROGRAM OUTCOMES (POs)

- PO 1-** Demonstrate critical thinking by analyzing economic, social and political issues using theoretical and empirical tools.
- PO 2-** Acquire foundational knowledge of microeconomics and macroeconomics and apply these concepts to real-world economic problems.
- PO 3-** Use quantitative techniques, including basic mathematics and statistics, for data interpretation and economic analysis.
- PO 4-** Communicate economic ideas effectively through written reports, presentations, charts, and analytical discussions.
- PO 5-** Develop research aptitude by collecting data, reviewing literature, interpreting findings and preparing research-based reports.
- PO 6-** Identify socio-economic problems and propose feasible, sustainable and ethical solutions.
- PO 7-** Understand social responsibility and ethics in economic decision-making, with emphasis on equity, welfare, and sustainable development.
- PO 8-** Work efficiently in teams, demonstrate leadership qualities, and collaborate professionally during academic and community activities.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO 1-** Explain and apply core economic theories such as demand-supply, market structures, national income, inflation, and fiscal & monetary policies.
- PSO 2-** Analyze the structure and performance of the Indian economy, including agriculture, industry, service sector, poverty, unemployment, and developmental issues.
- PSO 3-** Interpret economic data using graphs, tables, charts, and apply basic statistical and econometric techniques.
- PSO 4-** Evaluate public policies related to taxation, subsidies, social welfare, trade, and environment, labor and public expenditure.
- PSO 5-** Understand major development issues and propose data-driven and policy-oriented solutions for inclusive growth.

- PSO 6-** Analyze global economic issues such as international trade, globalization, exchange rates, and global financial systems.
- PSO 7-** Prepare for higher education and employment opportunities in banking, research institutions, public administration, data analysis, and corporate sectors.
- PSO 8-** Develop skills in economic research, including survey design, data collection, report writing, and policy brief preparation.

Course learning outcomes (CLO)

B. A. Part- I Micro Economics, Paper-I (Code: 0111)

- This course serves as an introductory study of microeconomics, focusing on how individuals make economic choices as consumers and producers. Students are introduced to the core ideas that guide economic behaviour and learn how markets operate through the forces of demand and supply. The course also explains how different types of market structures—such as perfect competition and various forms of imperfect competition—shape pricing, output decisions, and resource allocation. By the end of the course, students gain a clear understanding of how individual decisions influence market outcomes in an economy.

B. A. Part- I Indian Economy, Paper-II (Code: 0112)

- By the end of this course, students will be able to comprehend the developmental strategies pursued in India since independence and critically assess how these approaches have influenced the country's economic growth, social progress, and overall well-being.

B. A. Part- II Macro Economics, Paper-I (Code: 0181)

- This course is designed to build a strong conceptual foundation that helps students understand and analyse real-world economic issues such as inflation, money supply, GDP, and the relationships among them. It also equips learners with the analytical tools needed to critically assess different macroeconomic policies within a clear and logically consistent framework.

B. A. Part- II Money, Banking and Public Finance, Paper-II (Code: 0182)

- Develop a clear understanding of the core concepts of monetary economics, banking systems, and public finance.
- Apply major economic theories and analytical models to interpret current events and real-life financial situations.
- Recognize the significance of monetary factors and government intervention in shaping both national and global economic outcomes.
- Critically examine monetary and fiscal policies and assess their implications for economic stability and public welfare.
- Strengthen analytical and problem-solving abilities to support sound financial and managerial decision-making.

B. A. Part- III A3-ECO-DEG-DSE-1/1: Development and Environmental Economics (Core Course)

- It will help the students to know more about growth and development.
- Students will be benefited by experiencing the population pattern and its impact on the economy.
- Various topics on environment will enhance the knowledge of nature and environmental disruption.
- The students will have a deep knowledge of their home state on various aspects of economy.

B. A. Part- III A3-ECO-DEG-DSE-1/2: Agricultural Economics (Elective Course)

- Student after studying Agricultural Economics will develop an understanding of Indian and Chhattisgarh's agricultural Economy. They will be able to understand the rural economy and its problem. This will lead to encourage them choosing agriculture as their professional option.

B. A. Part- III A3-ECO-DEG-DSE-2/1: Statistical Methods (Elective Course)

- Student after studying statistical methods will develop a realistic approach towards economics. He becomes more analytical in his life.
- Statistics also teaches him to check and verify theoretical approach. He can analyze data and more clarity is attained in his findings, be it economic or real life.

B. A. Part- III A3-ECO-DEG-DSE-2/2: Demography (Elective course)

- Student after studying Demography will be able to understand and analyze the demographic features of India as well as of Chhattisgarh. They will also be able to understand the relation between economic development and population growth. They will also be able to come to know about the optimum level of population. They will be able to understand the importance of population control too. It will encourage the students to take various demographic problems as their research problems.

Master of Arts in Economics
Program: M. A. Economics

PROGRAM OUTCOMES (POs)

PO1 – Knowledge Enhancement: Develop an advanced and systematic understanding of microeconomic and macroeconomic theories, quantitative techniques, and applied economic analysis.

PO2 – Analytical & Critical Thinking: Acquire the ability to logically analyse economic problems, interpret data, evaluate policies, and make evidence-based decisions.

PO3 – Research Competence: Build the capacity to design research studies, use statistical and econometric tools, analyse datasets, and prepare academic reports.

PO4 – Policy Understanding: Gain comprehensive knowledge of the Indian economy, public finance, industrial structure, labour market issues, and international economic relations.

PO5 – Social & Ethical Awareness: Develop awareness of social, environmental and ethical dimensions of economic policies and contribute to sustainable development.

PO6 – Employability & Professional Skills: Develop skills required for careers in academics, government, financial institutions, development organisations, and corporate sectors.

PO7 – Communication & Presentation Skills: Enhance written, verbal, and digital communication skills for presenting economic ideas effectively to diverse audiences.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 – Economic Theory Application: Ability to apply microeconomic and macroeconomic principles to analyse real-world economic situations.

PSO2 – Quantitative Competence: Capacity to use statistical, mathematical and computer-based tools for economic modelling and policy evaluation.

PSO3 – Indian Economy & Policy Expertise: Develop a specialised understanding of issues, trends, and policies in Indian economic development.

PSO4 – Sectoral Analysis: Gain the ability to critically evaluate industrial, labour, environmental, demographic, and social sector issues.

PSO5 – Research & Data Handling Skills: Acquire skills for conducting independent research, handling large datasets, preparing reports, and using software tools.

PSO6 – Global Economic Understanding: Develop strong foundations in international trade, finance, and global economic dynamics.

COURSE LEARNING OUTCOMES (CLOs)

Master of Arts in Economics

Program: M. A. Economics I Semester

Paper-1 Micro Economics – I

- Understand the concepts of demand, supply, elasticity and consumer behaviour.
- Analyse production functions, cost concepts, and revenue relationships.
- Explain price and output determination under various market structures.
- Apply basic microeconomic tools to real-world decision-making.

Paper-2 Macro Economics – I

- Understand national income accounting and macroeconomic aggregates.
- Explain the classical and Keynesian models of income determination.
- Analyse consumption, investment, and money market theories.
- Examine unemployment, inflation, and business cycles.

Paper-3 Statistical and Quantitative Methods

- Use statistical tools for data collection, presentation, and interpretation.
- Apply probability distributions, hypothesis testing, and correlation-analysis.
- Understand and use index numbers, time series, and linear programming.
- Employ quantitative techniques in economic decision-making.

Paper-4 Indian Economy

- Analyse structural changes in the Indian economy post-Independence.
- Evaluate trends in agriculture, industry, service sector and foreign trade.
- Understand poverty, unemployment, and regional disparities.
- Assess policy reforms and development strategies.

Paper-5 Industrial Economics

- Understand industrial organisation, market conduct, and performance.
- Analyse industrial productivity, efficiency, and financial performance.
- Examine industrial policy, reforms, and competitiveness.
- Evaluate the role of public, private and MSME sectors.

Master of Arts in Economics

Program: M. A. Economics II Semester

Paper-1 Micro Economics – II

- Analyse advanced theories of consumer behaviour and market equilibrium.
- Understand modern production and cost theories.
- Examine factor pricing, welfare economics and general equilibrium.
- Apply game theory and information economics to practical situations.

Paper-2 Macro Economics – II

- Explain growth models like Harrod-Domar and Solow.
- Study monetary and fiscal policy in depth.
- Evaluate IS-LM, AD-AS and expectation models.
- Analyse open economy macroeconomics and macroeconomic stabilisation.

Paper-3 Research Methods & Computer Application

- Understand research design, data sources, sampling, and hypothesis testing.
- Use statistical software/spreadsheets for data analysis.
- Prepare research proposals, surveys, questionnaires, and reports.
- Apply computer applications in economic research.

Paper-4 Indian Economic Policy

- Study the objectives, strategies and outcomes of Five-Year Plans.
- Analyse economic reforms, liberalisation, and globalisation.

- Evaluate policies relating to agriculture, industry, infrastructure and trade.
- Assess contemporary policy challenges and inclusive growth.

Paper-5 Labour Economics

- Understand labour supply, demand, wage theories, and labour market institutions.
- Study employment trends, migration, and labour welfare issues.
- Analyse labour policies, industrial relations and social security.
- Evaluate the impact of globalisation on labour markets.

Master of Arts in Economics

Program: M. A. Economics III Semester

Paper-1 Economics of Growth

- Understand theories of economic growth and structural change.
- Analyse endogenous growth models and technological progress.
- Evaluate constraints to growth in developing nations.
- Assess long-term growth strategies and sustainable development.

Paper-2 International Trade

- Explain classical, neo-classical and modern trade theories.
- Analyse tariffs, quotas and commercial policies.
- Understand balance of payments, exchange rate mechanisms.
- Study international trade institutions and agreements.

Paper-3 Public Finance

- Understand the nature and principles of public revenue and expenditure.
- Analyse taxation theories, budgetary systems and deficit financing.
- Study fiscal federalism and intergovernmental transfers.
- Evaluate public debt, fiscal policy and economic stabilisation.

Paper-4 Environmental Economics

- Understand environment–economy interaction and externalities.
- Analyse cost-benefit analysis, environmental valuation and policies.
- Study pollution control mechanisms and sustainable development.
- Evaluate international environmental agreements and climate policy.

Paper-5 Demography

- Study population theories, structure, and demographic transition.
- Analyse fertility, mortality, migration and population projections.
- Understand population policies and demographic issues in India.
- Evaluate population–development linkages.

Master of Arts in Economics

Program: M. A. Economics IV Semester

Paper-1 Economics of Development & Planning

- Understand development theories, indicators and inequality measures.
- Analyse planning models and strategies for developing economies.
- Evaluate rural development, poverty alleviation, and employment schemes.
- Study constraints to development and policy solutions.

Paper-2 International Economics

- Understand international monetary systems, exchange rates and capital flows.
- Analyse balance of payments, international reserves, and debt problems.
- Study global financial institutions and international macroeconomic issues.
- Evaluate the impact of globalisation on emerging economies.

Paper-3 Public Economics

- Understand public goods, market failure and government intervention.
- Analyse fiscal instruments, redistributive policies and welfare economics.

- Study budgeting, fiscal rules, and public sector efficiency.
- Evaluate taxation reforms and public expenditure management.

Paper-4 Economics of Social Sector

- Understand the role of education, health and nutrition in development.
- Analyse social infrastructure financing and human development indicators.
- Evaluate public policy interventions in the social sector.
- Study inequality, social justice and welfare programmes.

Paper-5 Viva-Voce (Comprehensive Assessment)

- Demonstrate integrated understanding of economic theories and applications.
- Present research findings, data analysis and policy interpretations effectively.
- Exhibit analytical thinking, communication, and problem-solving abilities.
- Apply knowledge to real-world economic issues.