LEARNING OUTCOMES

M.A (Economics)

First Year

Semester I

Course Name: SOS/ECO(C)/101

Micro Economics – I

Learning Outcomes:

CO1: Students will be able to grasp important concepts like Indifference Curve, Price, Income, and Substitution effects, Revealed Preference theory and applications, etc.

CO2: The course will help the learner to examine recent developments in demand theories and to understand Bandwagon and Veblen effects on equilibrium.

CO3: Students will be able to comprehend Law of variable proportions and Returns-to-scale and will able to analyse Producer's equilibrium, production functions, and Cost and Revenue.

CO4: To Understand Marginal Approach for Firm's equilibrium and explore alternative firm theories: Managerial, Sales Revenue Maximization, and Behavioural.

Course Name: SOS/Eco(C)/102

International Economics

Learning Outcomes:

CO1: To enable the students to understand the principles of international trade, including Absolute and Comparative cost advantage theories, and Opportunity cost theory and comprehend the Law of Reciprocal demand and its application through Offer curve analysis.

CO2: The course will enable the learner to analyse modern theories of international trade, such as the Heckscher-Ohlin theorem and Factor-price equalization theorem and examine the Leontief Paradox and its implications.

CO3: To assess the effects of economic growth on international trade, measure Gains from Trade and understand their distribution. Also, it will help the students to explore the concepts, uses, and limitations of Terms of Trade.

CO4: To enable the students to compare Free Trade and Protection, evaluating the economic effects of Tariffs, Quotas, and Non-Tariff Barriers and help the learner understand the impact of Tariffs and Quotas on National Income, Output, Employment, Terms of Trade, and Income Distribution.

Course Name: SOS/ECO(C)/103

Quantitative Methods and Statistical Analysis

Learning Outcomes:

CO1: To enable the students to understand the meaning, nature, and limitations of statistics, recognize the role of statistics in economic analysis and the measures of central tendency, dispersion, and skewness.

CO2: To understand the meaning of correlation and regression and be able to explore the association of attributes in the context of regression.

CO3: Students will be able to apply interpolation and extrapolation using Binomial, Newton, and Lagrange methods and utilize Time Series Components, Moving Average, and Least Squares methods for secular trend calculation.

CO4: To understand the role of mathematics in economic theory and its limitations. To comprehend the meaning of differentiation, rules, and problem-solving for Maxima & Minima in single and multivariate functions and basic properties of determinants.

Course Name: SOS/ECO(C)/104

Macro Economics – I

Learning Outcomes:

CO1: To enable to learner's, understand major issues and importance of Macroeconomics, National Income, methods of measuring National Income.

CO2: To understand theories of Employment, i.e. Classical theory of Full employment, Keynes theory of Income and Employment, Friedman's Natural Rate of Hypothesis.

CO3: Understand meaning and theories of Consumption function, Relative Income theory of Consumption, Life Cycle theory of Consumption

CO4: To comprehend the meaning and importance of Investment Multiplier, Accelerator, Tobin's q theory of Investment and impact of inflation on investment.

Course Name: SOS/ECO(C)/106

Monetary Economics

Learning Outcomes:

CO1: To understand the nature, functions of money and to analyse the role of money in economic development.

CO2: To enable the learners to learn money supply measures, high powered money, money multiplier and to understand the monetary transmission mechanism.

CO3: Students will able to grasp money theories like classical quantity theory, fisher's equation, Cambridge quantity theory and Keynes liquidity preference.

CO4: Students will be able to understand that the method of Credit Creation by the Commercial Banks, role of Central Bank and comprehend the meaning, tools and effectiveness of Monetary Policy.

Course Name: SOS/ECO(C)/106

Indian Economic Policies

Learning Outcomes:

CO1: To have a clear picture of the economic growth trajectory, economic planning, economic policies, and role of NITI Aayog.

CO2: To understand the developments in Indian economics policies and brief idea on Gandhian approach, Nehruvian approach.

CO3: To have an in-depth understanding recent economic reforms in agricultural and industrial sectors, financial markets and foreign trade.

CO4: To understand the nitty-gritty of policies/programs dealing with economic problems with respect to food security, MGNREGA, Demonetisation, etc.

Semester II

Course Name: SOS/ECO(C)/201

Micro Economics – I

Learning Outcomes:

CO1: Students are expected to have a deeper knowledge on decision making under different market imperfections including oligopoly, monopoly and monopolistic competition.

CO2: To enable the students to understand the Cournot Model, Kinked Demand Curve, Theory of Games (Prisoner's Dilemma).

CO3: Students will be able to conceptualise various Micro Theories of Distribution like Ricardian Theory of Rent, Marginal Productivity, Liquidity Preference theory, Knight and Shackles theory of Profit.

CO4: To understand the functioning of Pareto Optimality, Compensation Principle, Bergson Samuelson Social Welfare Function in achieving social welfare.

Course Name: SOS/ECO(C)/202

International Finance and Policy

Learning Outcomes:

CO1: To understand the meaning of balance of trade, balance of payments and to analyse the meaning and implications of foreign trade multiplier.

CO2: To understand the way a foreign exchange market works and brief understanding of exchange rate theories, exchange controls and convertibility.

CO3: Importance and relevance of international economic organisations like IMF, World Bank, etc.

CO4: To examine the recent EXIM policies and its implications, the role of MNC's in Indian economy and the impact of WTO provisions on Indian sectors.

Course Name: SOS/ECO(C)/203

Gender Economics

Learning Outcomes:

CO1: To enable the learners to understand the importance and current state of women in Indian society, gender sensitization and challenges for rural/urban women.

CO2: To understand the factors influencing women's decisions, role of Panchayats in Women's empowerment.

CO3: To have a brief idea about female work participation across sectors, wage disparities and factors affecting labour market participation.

CO4: To critically examine the role of NGO's and government policies in women empowerment and to identity the current challenges in policy implementation.

Course Name: SOS/ECO(C)/204

Macro Economics- II

Learning Outcomes:

CO1: To demonstrate a general understanding of Classical and Keynesian Macro Economic theories, Post Keynesian developments in Macro economics and Policy implication of New classical approach.

CO2: Students will be able to understand Classical, Keynesian and Monetarist approaches to Inflation, Philips curve and its implication.

CO3: To understand the interaction of Real and Monetary sectors of the economy, Keynesian version of the IS-LM models and to analyse the Fiscal and Monetary policy in an IS-LM Model.

CO4: To have a brief understanding of phases and theories of Business Cycles, control of business cycles and relative effectiveness of Monetary and Fiscal Policies.

Course Name: SOS/ECO(C)/205

Economics of Human Development

Learning Outcomes:

CO1: To understand the meaning, goals and indexes of Human Development, Multidimensional Poverty, Sustainable development

CO2: To enable the learners to understand the factors responsible for low human development in India and its demographic trends.

CO3: To understand the relationship between education and human development and examine the strategies for improving the education sector.

CO4: Students will be able to understand the major key indicators of human development like female health care, fertility rate, reproductive rate and the role of National Rural Health Mission in improving these indicators.

Course Name: SOS/ECO(C)/206

Research Methodology

Learning Outcomes:

CO1: To understand the concept, importance and types of research and to comprehend different sampling designs and methods.

CO2: To enable the students to understand various methods of collecting primary data and secondary date and to acquire skill in creating questionnaires, scales and measurement techniques.

CO3: To comprehend the meaning and formulation of hypothesis and to gain knowledge of various statistical tests for hypothesis testing.

CO4: The student will be able to interpret data effectively, develop report writing skills and will have a basic understanding of the usage of Computers in research processes.

SEMESTER III

Course Name: SOS/ECO(C)/301

Research Methodology

Learning Outcomes:

CO1: To examine the Government's role in market efficiency and understand various concepts like Market failure, Natural Monopolies, Asymmetric Information, Externalities.

CO2: To have a brief understanding of meaning, kinds and effects of Public Expenditure, Public Budget and different concept of Budget Deficit.

CO3: To analyse tax shifting and tax burden theories and to evaluate the impact of taxation on economic growth and resource supply.

CO4: To enable the learners to understand the meaning, sources and effects of Public debt and to explore the crowding out effect of public debt on private investment.

Course Name: SOS/ECO(C)/302

Demography -I

Learning Outcomes:

CO1: To understand the meaning and scope of demography, theories of population and the theory of demographic transition.

CO2: To interpret vital stats like reproduction rates, mortality rates and to analyse factors affecting fertility.

CO3: To assess the consequences and factors affecting Migration and to study rural-urban population growth.

CO4: To explore populations impact on economy, environment and health and to have a brief understanding of methods of population control.

Course Name: SOS/ECO(C)/303

Dissertation

Learning Outcomes:

1. To demonstrate the ability to identify a research problem and formulate clear objectives.
2. To demonstrate the ability to initiate research and formulate appropriate research questions.
3. The students will be able to design a feasible methodology to research into the problem.

Elective Course Name: SOS/ECO (E)/304 (a)

Agricultural Economics-I

Learning Outcomes:

CO1: To understand the nature and scope and agricultural in economic development and to explore the present status and future scope of Organic Farming.

CO2: To analyse overall trends and regional variations in agricultural growth and to understand measures and progress in land reforms.

CO3: The course will help the learner to assess the achievements and failures of Green Revolution and explore the relationship between agricultural development and technological progress.

CO4: To analyse the problems related to food security and its potential solutions and have a brief understanding of the functioning of Public Distribution System in India.

Elective Course Name: SOS/ECO(E)/304(b)

Labour Economics-I

Learning Outcomes:

CO1: The course will enable the learner to understand the nature and scope of Labour Economics and have a brief idea about Indian Labour Market.

CO2: To explore wage determination theories and policies like Minimum Wage, theory of Collective Bargaining, Bonus Payment Act in India 1965 etc.

CO3: The student will be able to analyse the relationship between employment and development in the context of poverty and unemployment and will be able to identity types of unemployment and policies outlined in Five Year Plans.

CO4: To describe the nature and functions of trade unions and to critically assess the obstacles and weaknesses in the growth of the trade union movement in India.

Elective Course Name: SOS/ECO(E)/304(c)

Industrial Economics

Learning Outcomes:

CO1: To understand the meaning, scope and significance of Industrial Economics and evaluate the methods of measuring efficiency of a firm.

CO2: To analyse the factors influencing industrial location and need for balanced regional development of industries and understand theories of industrial location like Weber's and Losch's.

CO3: The students will be able to understand the meaning, scope, importance, sources of Industrial Finance and the role and functioning of India Foreign Capital

CO4: To enable the students to understand Industrial development and policies in India and the importance of MNC's in India.

Elective Course Name: SOS/ECO(E)/304(d)

Regional Economics

Learning Outcomes:

CO1: To understand the concept, definition, scope and importance of Regional Economics and to have a brief idea of theories of regional development and planning.

CO2: To examine the indicators of regional disparities and reasons for backwardness and regional imbalances in India.

CO3: The students will be able to understand the economy of Uttarakhand in terms of geographical features, land types, agriculture and Industrial pattern in Uttarakhand.

CO4: The students will have a basic idea about the demographic profile of Uttarakhand, level of education, health and other infrastructural facilities in the state.

Elective Course Name: SOS/ECO(E)/304(e)

Econometrics

Learning Outcomes:

CO1: To understand the nature and scope of Econometrics, its relationship with Mathematics and have a brief idea about various econometric models.

CO2: The students will be able understand the meaning, causes and effects of Specification Bias and will be able to measure errors.

CO3: Students will be able to identity Rank and Order conditions.

CO4: The students will be able understand the meaning of Ordinary Least Square methods and its assumptions, BLU properties and estimation of parameters.

Elective Course Name: SOS/ECO(E)/304(g)

Financial Institutions and Markets

Learning Outcomes:

CO1: To enable the students to understand the structure of the financial system, functions of financial sector and indicators of financial development.

CO2: To understand the meaning, types, growth and impact of Non-Bank Financial Institutions on India's economic development.

CO3: The learners will be able to understand the meaning, types and role of money and capital markets, basic idea of SEBI, IRDA.

CO4: To examine the lending operations of international organisations like IMF, World Bank, IDA and IFC, growth of regional financial institutions.

SEMESTER -IV

Course Name: SOS/ECO(C)/401

Indian Public Finance

Learning Outcomes:

CO1: To have a basic understanding of Direct and Indirect taxes in India and knowledge of the functioning and impact of GST in the Indian economy.

CO2: To comprehend the trends in public expenditure by Central and State government and have awareness of fiscal sector reforms undertaken in India.

CO3: To have a clear understanding of the components and allocations within Central and State government budget and the ability to evaluate fiscal policies based on recent budgets.

CO4: To understand the Centre-State financial relations and recommendations of recent Finance Commission.

Course Name: SOS/ECO(C)/402

Demography-II

Learning Outcomes:

CO1: To examine the trends, composition and effects of population growth in India and factors affecting mortality, fertility and migration in India.

CO2: The students will be able to explore the census methods and understand the key findings from the 2011 Census and National Family Health Survey.

CO3: The course will enable the learner to understand various family planning programmes in India, New Population Policy and the main features of latest population Census with latest reference to the state of Uttarakhand.

CO4: To analyse global population distribution, trends, age/sex structures and challenges in developed and underdeveloped nations.

Course Name: SOS/ECO(C)/403

Economics of Growth and Development

Learning Outcomes:

CO1: Students will able to differentiate between Economic Growth and Economic Development and will be able to understand methods of measuring economic development like PQLI, HDI, Capabilities approach.

CO2: To understand different theories of economic development given by Adam Smith, Ricardo, Karl Marx, Schumpeter, Rostow and Nurkse.

CO3: Detail study and application of Harrod and Domar Growth model, Neo Classical growth model and growth models of Joan Robinson, Kaldor and Pasinetti.

CO4: To understand the role of Monetary, Fiscal policies and various sectors like agriculture, industry in economic development.

Course Name: SOS/ECO(E)/404 (a)

Agricultural Economics -II

Learning Outcomes:

CO1: To recognise the sources of agricultural credit and understand the existing Credit Delivery systems structure, problems and its solutions.

CO2: To understand the meaning, problems and prospects of Cooperative Movement in India for agricultural credit.

CO3: The learners will be able to comprehend the role of agricultural marketing and will be able to analyse the Agricultural Price Policy.

CO4: To enable the learners to understand current issues in the Indian Agriculture and the role of WTO and MNCs in Agriculture.

Course Name: SOS/ECO(E)/404 (b)

Labour Economics

Learning Outcomes:

CO1: To critically examine the problems associated with Labour migration and to analyse the causes and remedies of Absenteeism of Industrial Labour.

CO2: To understand important concepts of Labour Economics like Industrial Disputes, Tripartism, Collective bargaining and Adjudication.

CO3: The students will be able to understand the labour welfare activities in India and review state policies with respect to social security and labour welfare in India.

CO4: To analyse the problems of labour which includes child labour, female labour, gender bias and discrimination and have a brief understanding of Labour market reforms.

Course Name: SOS/ECO(E)/404 (c)

History of Economic Thought

Learning Outcomes:

CO1: To critically examine and assess the pre-classical thought consisting of Mercantilism and Physiocracy, Classicism including Smith, Say, Ricardo, Mill and Malthus

CO2: Detail study of Socialist Critics, Marxian Philosophy, Marxian theories of value and crisis of capitalism.

CO3: To enable the learners to understand Keynesian and Post Keynesian development in Economics thought.

CO4: To understand modern Indian economic thought including Ranade, Gandhian Economic thought, Mehta, etc.

Course Name: SOS/ECO(E)/404 (d)

Development Planning

Learning Outcomes:

CO1: To understand the meaning of Economic planning, types of planning, planning under capitalism, socialism and mixed economy.

CO2: To differentiate between planned and market economies and understand the planning-market mechanism and different development planning models.

CO3: To analyse project profitability through Cost-benefit analysis, shadow prices, linear programming and to understand the need and problems in project planning.

CO4: To enable the learners understand different models/plans in five year plan and instruments of Indian Planning.

Course Name: SOS/ECO(E)/404 (e)

Environmental Economics

Learning Outcomes:

CO1: To critically examine the trade off between economic growth and environment and the policy measures adopted by government worldwide for controlling pollution.

CO2: To understand the inter-linkages between ecology and economics, meaning of terms like biodiversity and natural resource management and conservation.

CO3: To enable the students to understand the concept of Sustainability of economic development and policy approach of Sustainable Development.

CO4: To analyse the role of state in environmental conservations through legislation, joint forest management and people's participation.

Course Name: SOS/ECO(E)/404 (f)

Econometrics-II

Learning Outcomes:

CO1: To understand the problems in estimation of parameters with OLS method with special reference to Autocorrelation, Heteroscedasticity.

CO2: To enable the learners to understand the meaning, consequences and solutions to Multicollinearity.

CO3: Students will grasp the problems of Lagged Variables through estimation of distributed lagged models and Almon approach.

CO4: Detail study of ILS, 2SLS, 3SLS, Maximum Likelihood methods of estimation.

Course Name: SOS/ECO(E)/404 (g)

Field Study and Project Work

Learning Outcomes:

1. To demonstrate the ability to identify a research problem and formulate clear objectives.
2. To demonstrate the ability to initiate research and formulate appropriate research questions and hypothesis.
3. To be able to design a feasible methodology to research into the problem.
4. To conduct research as per the requirement and conclude the study with relevant suggestions.