Master of Arts (Economics)

Program Outcomes (POs)

PO1 Demonstrate knowledge of theories, policies, and empirical findings of economics.

PO2 Engage in scientific inquiry, critical thinking, using quantitative and qualitative methods.

PO3 Access and extract data from multiple sources, analyse and interpret the results using quantitative and qualitative tools.

PO4 Demonstrate competence in written and oral communication and convincingly present arguments with virtual tools.

PO5 Apply knowledge of economics for team building and create entrepreneurial initiatives for livelihood and social development.

Program Specific Outcomes (PSOs)

PSO1 Apply theories, models, and tools of Economics to analyze socio-economic issues and formulate viable solutions.

PSO2 Undertake scientific enquiry and research to resolve socio-economic problems

PSO3 Demonstrate professional competencies to investigate socio-economic issues, extracting qualitative and quantitative data, critically examining its impacts for resource allocation, distribution, and exchange.

PSO4 Engage in reflective thinking leading to self-learning and lifelong learning.

PSO5 Forge sustainable linkages with communities, thereby giving a boost to civic engagement

Course Outcomes (COs)

2019-20 Batch

Semester	Course Code	Course Name	Course Outcomes (COs)
I	19MAEC1H001	ADVANCED MICRO ECONOMICS	**CO1:** Analyze consumer behavior for utility maximization. **CO2:** Evaluate firm's production functions in the short-run and long-run. **CO3:** Apply pricing and output decisions in diverse market structure. **CO4:** Evaluate theories of firms for revenue and welfare maximization. **CO5:** Analyze alternative criteria in welfare economics.
I	19MAEC1H002	ADVANCED MACRO ECONOMICS	**CO1:** Understand national income estimates and social accounting. **CO2:** Analyze the consumption and investment functions and multiplier. **CO3:** Evaluate the classical and Keynesian models using IS-LM framework. **CO4:** Analyze the trade-off between inflation and unemployment. **CO5:** Assess open macroeconomic models for achieving internal and external balance.
I	18MAEC1H003	MATHEMATICAL METHODS FOR ECONOMICS	**CO1:** Apply set theory and mathematical function in building economics models. **CO2:** Evaluate average and marginal utility, revenue, cost, product, and price functions using differential calculus for optimal decision making. **CO3:** Apply minima and maxima with and without constraints for optimization. **CO4:** Evaluate revenue maximization and cost minimization using integral calculus. **CO5:** Apply matrix algebra for optimizing production and pricing decisions.
I	19MAEC1H004	AGRICULTURAL ECONOMICS	**CO1:** Demonstrate knowledge of agricultural theories for economic development. **CO2:** Analyze the risks and uncertainties in agriculture to support development of agriculture. **CO3:** Evaluate policies for pricing and marketing of agricultural products. **CO4:** Evaluate the sources of agricultural finance. **CO5:** Assess the challenges facing agriculture in international trade negotiations.

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I	18MAEC1H005	RESEARCH METHODOLOGY	**CO1:** Demonstrate knowledge about scientific inquiry in social science research. **CO2:** Organize systematic review of literature to identify research gaps and frame research objectives. **CO3:** Demonstrate knowledge to use appropriate research designs in carrying out research. **CO4:** Compose data using different methods and analyze them for inferences. **CO5:** Compile a systematic research report defending the arguments**.**
II	18MAEC2H001	PUBLIC FINANCE	**CO1:** Evaluate the role of the State in allocation and distribution of resources and stabilization of the economy **CO2:** Analyze the trends and patterns expenditure **CO3:** Apply the theories of taxation in public policy **CO4:** Evaluate impact of budget on various sectors **CO5:** Understand the principles of federal finance for devolution and formulating healthy center-state financial relations
II	18MAEC2H002	ECONOMICS OF GROWTH AND DEVELOPMENT	**CO1:** Demonstrate knowledge of growth and development models and applicability. **CO2:** Evaluate the development issues prevailing in developing countries. **CO3:** Analyze the growth models and its applicability to developing countries. **CO4:** Interpret the development strategies for internalizing for development. **CO5:** Assess the issues concerning economic development.

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II	19MAEC2H006	COMPUTER APPLICATIONS FOR ECONOMICS	**CO1:** Demonstrate the usage of computers and how computers are essential components in learning, business and society. **CO2:** Employ proficiency in the use of word processing to produce professional-looking documents **CO3:** Create and format spreadsheet and carry out inferential statistical analysis using data analysis tool and graphically display the result **CO4:** Use multimedia presentations skills to capture ideas in outline form and convert them into visuals and encourage learning **CO5:** Illustrate sound conceptual knowledge of networking, digital ecosystem and on demand computing resource. **CO6:** Describe the fundamental elements of database, data warehousing and data mining.
II	18MAEC2H004	STATISTICAL METHODS	**CO1:** Examine the characteristics of grouped and ungrouped data statistical data and apply measures of central tendency and dispersion **CO2:** Assess the relationship between variables and how independent variable is associated with the dependent variable **CO3:** Solve some business problems using discrete and continuous probability distributions **CO4:** Employ different sampling methods for designing and selecting a sample from a population using basic principles of sampling and estimation **CO5:** Decide which inferential statistics tool can be applied in a real-life situation
II	19MAEC2E504	HUMAN RESOURCE MANAGEMENT	**CO1:** Demonstrate knowledge theories of HRM **CO2:** Explain the process of human resource planning, recruitment and selection **CO3:** Understand the importance of training and development of employees **CO4:** Evaluate the compensation packages for employee motivation **CO5:** Demonstrate the knowledge of HR management for employee benefits, welfare and rewards

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III	18MAEC3H001	INTERNATIONAL ECONOMICS	**CO1:** Demonstrate knowledge about international trade theories. **CO2:** Evaluate factor price equalization due to international trade. **CO3:** Analyze factors contributing intra-industry trade. **CO4:** Assess the gains from international trade. **CO5:** Evaluate the trade policy for protection and tariff.
III	18MAEC3H002	ECONOMETRICS I	**CO1:** Demonstrate knowledge in testing of hypothesis using t, z, f and chi square. **CO2:** Evaluate data using OLS model. **CO3:** Analyze the consequences and remedial measures for Auto-correlation. **CO4:** Apply Logit, Probit and Tobit models for evaluating dummy variables. **CO5:** Analyze panel data.
III	18MAEC3H003	OPERATIONS RESEARCH	**CO1:** Demonstrate knowledge about Operations research models for optimal decision making. **CO2:** Apply linear programming technique for optimization. **CO3:** Analyze optimum transportation cost and assignment and do optimality check. **CO4:** Evaluate project design and schedule using PERT and CPM. **CO5:** Analyze optimum inventory decisions and find economic order quantity.
III	18MAEC3E501	INDUSTRIAL ECONOMICS	**CO1:** Demonstrate knowledge about theories of industrialization. **CO2:** Evaluate the role of industry for economic development. **CO3:** Analyze the factors contributing to industrial location. **CO4:** Evaluate factors contributing to industrial productivity and efficiency. **CO5:** Internalize means for industrial dispute and settlement.

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III	18MAEC3E503	TOURISM ECONOMICS	**CO1:** Demonstrate knowledge about theories of tourism. **CO2:** Analyze the multiplier effects of tourism development. **CO3:** Evaluate the tourism policy and schemes. **CO4:** Assess the trends and patterns of foreign exchange earnings from tourism activities. **CO5:** Identify the tourism allied activities for development.
III	18MAEC3E502	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	**CO1:** Evaluate expected returns and risk of a security and portfolio. **CO2:** Analyze the fundamental factors influencing security prices. **CO3:** Apply technical indicators for security trading. **CO4:** Estimate security valuation using ratio analysis. **CO5:** Manage the portfolio for investors and asset management companies.
III	18MAEC3E504	HEALTH ECONOMICS	**CO1:** Demonstrate knowledge about health and healthcare. **CO2:** Analyze the demand and market structure in health industry. **CO3:** Evaluate the costs, equity and efficiency in health finance. **CO4:** Apply economic theory to issues of human capital and health. **CO5:** Identify the health problems arising in society and provide solutions.
IV	18MAEC4H01	INDIAN ECONOMICS	**CO1:** Develop ideas of the basic characteristics of Indian economy and its planning process. **CO2:** Find out role of primary sector and its transformation since independence. **CO3:** Evaluate the performance of industrial sector pre and post economic reforms. **CO4:** Identify major service sector issues and their importance in Indian economy. **CO5:** Discuss the basic structure and the working of India's financial sector

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IV	18MAEC4H02	ECONOMETRICS II	**CO1:** Develop ideas of Dynamic Econometric Models - Autoregressive and distributed lag models and its estimation **CO2:** Analyze Simultaneous Equation Models and the Identification Problem **CO3:** Understanding the concept of time series econometrics and its estimation. **CO4:** Evaluating Approaches to Economics forecasting and Modeling of Time Series data:- AR, MA, ARMA and ARIMA **CO5:** Applying skills in econometric data analysis in micro and macro economics
IV	18MAEC4H03	ENVIRONMENTAL ECONOMICS	**CO1:** Apply economic theory to the management of the environmental and natural resources. **CO2:** Understand the role of economic theory in solving environmental and resource problems. **CO3:** Design appropriate environmental policies and analyze the effects and merits of existing or proposed policies **CO4:** Discuss an impact of environmental policies **CO5:** Examine the impact of national and local environment policies on the global economy
IV	18MAEC4H04	FINANCIAL ECONOMICS	**CO1:** Assess systematic and unsystematic risks associated with securities and make investment decisions. **CO2:** Examine portfolio of assets using fundamental and technical tools. **CO3:** Describe sources for company finance and financial leverage through the support of merchant banks, public issue, and credit syndication. **CO4:** Demonstrate the knowledge about working of financial markets (stocks, debts, derivatives, currency market and commodities markets). **CO5:** Identify the functions of financial intermediation and financial system - financial markets, financial assets, financial institutions, financial services, and financial regulations.