St. Mary's College (Autonomous)
Reaccredited with 'A+' Grade by NAAC (Cycle IV)
Thoothukudi

Criterion: I – Curricular Aspects
1.1 – Curriculum Design and Development
Year: 2018-2023

Programme: M.A. Economics:

Semester– I			
Core I		**Advanced Micro Economic Analysis - I**	
19PECC11	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits:4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	identify and apply relevant terminology and concepts to economic issues and problems.	3	Ap
CO-2	compare and contrast the market system of economics with other systems.	4	Ap
CO-3	use demand and supply models in the analysis of real- world issues.	2	Kn
CO-4	use market structure models to explain and to predict business firm behaviour	6	Ap
CO-5	use the theory of consumer choice to explain and to predict consumer behaviour.	5	Kn
CO-6	evaluate the consequences of economic activities and institutions for individual and social welfare.	7	Ev
CO-7	identify the basic features of alternative representations of human behaviour in economics.	4	Ev
CO-8	analysis of the economic behaviour of individuals, firms and markets.	1,3	Ap

	Semester– I		
Core II	**Advanced Macro Economic Analysis – I**		
19PECC 12	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	analysis of the establishment of the functional relationship between the large aggregates.	7	Ap
CO-2	understand the macroeconomic theoretical structure that is considered essential for the proper comprehension of the different issues and policies.	3	Ev
CO-3	study of Macroeconomics and analysis of body of empirical economic knowledge.	6	Ap
CO-4	understand the systemic facts and latest theoretical developments for empirical analysis.	5	An
CO-5	identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity and the major challenges associated with the measurement of these aggregates.	4	Un
CO-6	discuss the linkages between financial markets and the real economy, and how these linkages influence the impact of economic policies over differing time horizons.	7	An
CO-7	describe the main macroeconomic theories of short term fluctuations and long term growth in the econo	1	Ap
CO-8	critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.	3	Re

	Semester– I		
	Core III **Statistics**		
19PECC 13	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	increase the skills in describing, analysing and interpreting statistical data	1	An
CO-2	make basic statistical calculations and critically evaluate the basis for these calculations;	8	Ap
CO-3	use graphical and numerical methods to calculate and illustrate descriptive statistics	2	Un
CO-4	identify the statistical concepts in questions about economic models	6	Re
CO-5	identify common problems which may affect regression analyses	4	An
CO-6	identify the appropriate regression model to apply to an economics dataset	5	Ap
CO-7	manipulate the probability models that are most widely used in economics, and apply them correctly and carry out the appropriate statistical analysis	4	An
CO-8	use the basic concepts of probability and Baye's Theorem	6	Un

	Semester – I		
	Core IV **Economics of Infrastructure**		
19PECC 14	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	create well-planned and managed communities with a focus on infrastructure.	3	Ap
CO-2	plan for the impact of climate change on urban growth.	7	An
CO-3	lead whole-of-government approaches to land	8	Ap
CO-4	use, major project developments and infrastructure policy planning, coordination and delivery	4	Un
CO-5	support project proponents—through facilitation services	3	Ap
CO-6	deliver innovative solutions and value for money	5	Re
CO-7	promote public and private investment in infrastructure	7	Un
CO-8	build and protect India's Infrastructures in competitive advantages	8	Ap

<table>
<tr><td colspan="4" align="center">**Semester – I**</td></tr>
<tr><td colspan="2" align="center">**Elective II**</td><td colspan="2" align="center">**Energy Economics**</td></tr>
<tr><td>**19PECE12**</td><td>**Hrs/Week: 4**</td><td>**Hrs/ Semester: 60**</td><td>**Credits: 3**</td></tr>
</table>

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	understand the role of energy in economic activity.	2	Un
CO-2	have a knowledge of methods to assess alternative energy projects technologies, and policies	3	Ap
CO-3	apply this knowledge to the analysis of specific energy issues in India	5	Ap
CO-4	know what key factors and principles need to be considered in evaluating alternative energy policy options.	6	An
CO-5	understand of economic and ability to apply economic and financial evaluation of energy projects.	7	Un
CO-6	learning the basics of cost calculation for electricity and heat production from CHP and power plants	6	Ap
CO-7	provide students with a thorough grounding in the key concepts of energy economics.	5	Re
CO-8	illustrate how these concepts and standard economic tools can be used to analyse energy-related policy issues	7	Un

	Semester– II		
	Core I Advanced Micro Economic Analysis- II		
19PECC21	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits: 4**

Course Outcome :

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	identify and apply relevant terminology and concepts to economic issues and problems.	7	Ap
CO-2	compare and contrast the market system of economics with other systems.	6	An
CO-3	use demand and supply models in the analysis of real- world issues.	5	An
CO-4	use market structure models to explain and to predict business firm behaviour	4	Re
CO-5	use the theory of consumer choice to explain and to predict consumer behaviour.	3	Ap
CO-6	students will be able to evaluate the consequences of economic activities and institutions for individual and social welfare.	6	An
CO-7	students will be able to identify the basic features of alternative representations of human behaviour in economics.	3	Ap
CO-8	analysis of the economic behaviour of individuals, firms and markets.	3	Ap

	Semester - II		
	Core II Advanced Macro Economic Analysis- II		
19PECC22	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	analyse of the establishment of the functional relationship between the large aggregates.	2	Un
CO-2	understand the macroeconomic theoretical structure that is considered essential for the proper comprehension of the different issues and policies.	4	Un
CO-3	study of Macroeconomics and analysis of body of empirical economic knowledge.	1	Ap
CO-4	understand the systemic facts and latest theoretical developments for empirical analysis.	5	Un
CO-5	students will be able to identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity and the major challenges associated with the measurement of these aggregates.	7	Re
CO-6	students will be able to discuss the linkages between financial markets and the real economy, and how these linkages influence the impact of economic policies over differing time horizons.	3	Ap
CO-7	students will be able to describe the main macroeconomic theories of short term fluctuations and long term growth in the economy.	6	An
CO-8	students will be able to critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.	5	An

	Semester – II		
	Core VII –Welfare Economics		
Code: 19PECC23	**Hrs / Week: 6**	**Hrs / Semester: 90**	**Credits : 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	understand the different ways to measure welfare changes for individuals and know how to aggregate them	2	Un
CO-2	be able to properly interpret compensated welfare changes and know how they relate to actual welfare changes typically isolated in demand-supply diagrams	4	Ap
CO-3	understand how to construct models and use general equilibrium analysis	1	An
CO-4	use general equilibrium analysis to evaluate the welfare effects of policy changes in a coherent way and be able to explain the economic intuition for the results	5	Ev
CO-5	be exposed to the applied welfare and public economics literatures and be able to relate the two literatures using conventional welfare economics tools	7	Un
CO-6	solve the problems of proportionality and coherence between objectives and tools in welfare systems.	3	Ap
CO-7	allocate mechanisms to allow for freedom of choice, contestability and competition.	6	Un
CO-8	investigate the distributive and allocate implications of adopting tools to imitate the working of markets	5	Re

	Semester- II

Core –VIII – Mathematics For Economists

Code: 19PECC24	Hours / Week :4	Hrs / Semester: 60	Credits :3

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	provide for professional cadres in the field of mathematics to support the national development programs within public and higher education institutes.	2	Un
CO-2	encourage scientific research and publications in the accredited scientific publications.	3	Un
CO-3	encourage scientific research and publications in the accredited scientific publications.	5	Ev
CO-4	encourage participation in scientific forums and seminars.	6	Un
CO-5	encourage follow up of latest scientific research and techniques in the field.	7	Ap
CO-6	encourage Scientific all abortion with other related areas such as statistics and mathematics	5	Un
CO-7	establish industry links to develop mathematical models and help the industry.	8	Ap
CO-8	encourage students to conduct student projects to develop their analytical and logical thinking.	3	Ev

	Semester –II		
Elective – II		**International Economics**	
19PECE22	**Hrs/Week: 4**	**Hrs/ Semester: 60**	**Credits:3**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	develop an in-depth understanding about Import-Export Procedures & Regulations involved.	3	An
CO-2	compare at the level of formal analysis, the major models of international trade and be able to distinguish between them in terms of their assumptions and economic implications.	2	Ap
CO-3	understand the step by step procedures of exporting business	3	Un
CO-4	know the registration requirements to obtain an IEC number to be entitled for export business	3	Un
CO-5	know the ways to arrange finance pre and post shipment for various export obligations	3	Un
CO-6	know the ways for the various export incentives schemes	7	Ap
CO-7	describe how International trade rules could affect your market entry strategy, Customs and distribution.	2	Ev
CO-8	clarify which one are the foreign trade procedures from documentation to payment methods.	2	Ev

	Semester - III		
	Core IX Growth and Development of Economics		
19PECC31	**Hrs/Week: 6**	**Hrs/ Semester: 90**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	CL
CO-1	demonstrate theoretical and empirical analysis of economic growth process.	4	Un
CO-2	demonstrate an understanding of economic growth theory, development and policy implications.	7	Un
CO-3	demonstrate an awareness of economic growth problems, issues in globalisation, and provide grounding in major growth strategies and	4	Ap
CO-4	apply empirical analysis of growth models to developing countries and/or regions, and draw appropriate policy recommendations"	1	An
CO-5	analyse empirical evidence on the patterns of economic development.	6	Ev
CO-6	application of Economic Theory in the context of India	8	Ap
CO-7	exposure to Indian Economic Data	4	Ev
CO-8	critical Review of Research Papers	3	Ap

	Semester- III			
	Core XI Social Economics			
Code:19 PECC33	**Hours / Week :6**	**Hrs / Semester: 90**		**Credits :4**

Course Outcome :

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	discuss the structure and functions of the society and the process of social interaction for change towards better human relationships.	1	An
CO-2	describe the roles of philosophy and sociology in education.	2	Ap
CO-3	explain the philosophy of idealism, realism, naturalism and pragmatism and their contributions to educational theory and practice.	7	Un
CO-4	examine the current social problems relating to education in India based on equalization of educational opportunities, education of the backward classes, literacy of girls' education and freedom and discipline.	6	Un
CO-5	develop the educational planning and to create the skill of employment	4	Ap
CO-6	develop the skill of students regarding creating the opportunities of the employment	5	An
CO-7	make the students to aware the socio economic conditions regarding the employment and education	6	Ap
CO-8	create the knowledge to make a difference between the self employment and the sectoral employment	7	Re

	Semester - III		
	Core XII Research Methodology		
19PECC 34	**Hrs/Week: 4**	**Hrs/ Semester: 60**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	understand a general definition of research design.	6	Un
CO-2	know why educational research is undertaken, and the audiences that profit from	3	Ap
CO-3	identify the overall process of designing a research study from its	1	Ap
CO-4	be familiar with ethical issues in educational research, including those issues that	8	Un
CO-5	Know the primary characteristics of quantitative research and qualitative research.	2	Ap
CO-6	identify a research problem stated in a study.	8	Ev
CO-7	familiar with how to write a good introduction to an educational research study	6	Ap
CO-8	distinguish a purpose statement, a research question or hypothesis, and a research objective.	4	An

	Semester - III		
	Elective - I Marketing Management		
19PECE 31	**Hrs/Week: 4**	**Hrs/ Semester: 60**	**Credits: 3**

Course Outcome:

CO.No.	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	develop an ability to understand and develop the marketing mix for an organisation.	2	An
CO-2	develop an ability to assess the impact of the environment on marketing function	2	An
CO-3	develop suitable marketing strategies in light of the environment	1	Ap
CO-4	develop marketing strategies based on product, price, place and promotion objectives.	3	Un
CO-5	create an integrated marketing communications plan which includes promotional strategies and measures of effectiveness.	5	Ev
CO-6	communicate the unique marketing mixes and selling propositions for specific product offerings.	7	Un
CO-7	understanding about marketing management concepts and frameworks, and apply these to a new or existing business.	7	Un
CO-8	apply knowledge and skills to real-world experiences in an internship.	1	Ap

	Semester – III		
Elective – I	**Computer Application In Economic Analysis**		
Code: 19PECE31	**Hrs / Week: 4**	**Hrs / Semester: 60**	**Credits : 3**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	handle real data with confidence	4	Ap
CO-2	apply econometric methods of analysis to new circumstances	1	Ap
CO-3	understand the conditions under which particular estimators are appropriate	7	Un
CO-4	apply the theoretical methods to numerical data	7	Un
CO-5	write and present technical material lucidly	3	Ap
CO-6	understand the basic theory of the ordinary least squares, generalized least squares and panel data models	2	An
CO-7	apply appropriate estimators to the type of numerical data given in seminar exercises and computing classes	8	Ev
CO-8	interpret empirical results in applied economics literature	6	Un

	Semester- IV		
	Core XV **Financial Institution and Markets**		
19PECC43	**Hrs/Week: 4**	**Hrs/ Semester: 60**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	explain the role of short-term financial management, and the key strategies and techniques used	4	Un
CO-2	describe the dimensions of performance and risk relevant to financial firms.	7	Un
CO-3	calculate contemporary measures of financial measures of performance and risk.	8	Ap
CO-4	describe contemporary managerial risk management oversight processes	1	Ap
CO-5	manage cash, marketable securities, accounts receivable and inventory.	4	Un
CO-6	identify the major sources of short-term financing available to the firm.	2	Ap
CO-7	analyse financial statements using standard financial ratios of liquidity, activity, debt, profitability, and market value.	3	Ev
CO-8	apply techniques to project financial statements for forecasting long-term financial	2	Ap

	Semester - IV		
	Core XVI	**Monetary Economics**	
19PECC44	**Hrs/Week: 4**	**Hrs/ Semester: 60**	**Credits: 4**

Course Outcome:

CO. No	Upon Completion of this course, students will be able to	PSO addressed	Cognitive Level
CO-1	explain the role of short-term monetary policy, and the key strategies and techniques used	4	Ap
CO-2	describe the dimensions of performance and risk relevant to financial firms.	7	Un
CO-3	calculate contemporary measures of monetary measures of performance and risk.	8	Ap
CO-4	describe contemporary monetary risk management oversight processes	1	An
CO-5	manage cash, marketable securities, accounts receivable and inventory.	4	Ap
CO-6	identify the major sources of short-term and long term monetary finance available to the firm.	2	Un
CO-7	analyse financial statements using standard financial ratios of liquidity, activity, debt, profitability, and market value.	3	An
CO-8	apply techniques to project financial statements for forecasting long-term financial	2	Un

Principal
St. Mary's College (Autonomous)
Thoothukudi-628 001.