



Deccan Education Society's

Fergusson College (Autonomous), Pune

Program Specific Outcomes(PSOs) and Course Outcomes (COs) 2019-20

Department of Economics

Programme: M. A. Economics

PSO No.	Program Specific Outcomes(PSOs) Upon completion of this programme the student will be able to
PSO1	Academic Competence: (i) To understand theoretical and analytical aspects involved with advanced economic theories and concepts. (ii) To conduct economic analysis using mathematical and statistical techniques.
PSO2	Personal and Professional Competence: (i) To apply both oral and written communication skills within the discipline.
PSO3	Research Competence: (i) To identify and demonstrate research questions in Economics and conduct the research independently with the help of qualitative and quantitative methodologies.
PSO4	Entrepreneurial and Social Competence: (i) To apply economic theory to real world issues. (ii) To critically analyse and evaluate economic issues in the country and around the world.

F. Y. M. A. Semester I

F. Y. M. A. Semester I		
Title of the Course and Course Code	Micro Economics - I (ECO4101)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Cite the basic principles of microeconomics.	1
CO2	Interpret the concepts of utility, demand supply mechanism, elasticity.	2
CO3	Apply these concepts to solve and analyse various problems of economic policy.	3
CO4	Analyse the perfect competitive market framework.	4
CO5	Assess the framework and analyse microeconomic relationships.	5
CO6	Devise pricing strategies for firms and calculate productivity and costs for the firm.	6
Title of the Course and Course Code	Public Economics - I (ECO4102)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Describe the role of the public sector in the economic arena.	1
CO2	Explain the concept and the need for government intervention in economic activities.	2
CO3	Examine the recent developments in both theoretical and empirical literature through the Indian context.	3
CO4	Analyse policy challenges facing governments around the world and learn about potential solutions to these challenges as well as obstacles in implementing them.	4
CO5	Judge the performance and effectiveness of public expenditure.	5
CO6	Compile economic information on activities of the government sector to become well-informed, engaged participants in society and identify the theories of public choice used.	6
Title of the Course and Course Code	Macro Economics - I (ECO4103)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive

		level
CO1	Show the basic theoretical framework underlying the field of macroeconomics.	1
CO2	Articulate and Explain how the economy's total output of goods and services, quantity of money employment of resources is determined and what causes these totals to fluctuate.	2
CO3	Apply the framework and analyse macroeconomic relationships.	3
CO4	Analyse the behaviours of consumption and investment.	4
CO5	Validate the relation between prices and output.	5
CO6	Collect data and perform validation analysis for the theories with actual data.	6
Title of the Course and Course Code	Statistical Techniques (ECO4104)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Cite the theoretical and conceptual foundations of Statistics.	1
CO2	Outline probability theory and sampling techniques.	2
CO3	Apply sampling methods for collecting data for analysis.	3
CO4	Analyse economic relations with estimation methods.	4
CO5	Evaluate statistical significance of parameter estimates with testing hypothesis.	5
CO6	Formulate hypothesis tests and interpret results.	6
Title of the Course and Course Code	Indian Economic Policy (ECO4105)	Number of Credits : 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Identify the concepts and the issues and policies in Economic Development.	1
CO2	Exemplify various issues of Agriculture LPG, Infrastructure, Financial and Monetary institutions, Foreign Trade and Fiscal Policy pertaining to India's economic development.	2
CO3	Demonstrate the various Issues and policies of Infrastructural, Social and financial sector of the economy.	3
CO4	Explain the impacts various economic policies have had on the Indian Economy.	4
CO5	Appraise the contemporary developments in the Indian as well as International economy.	5
CO6	Propose ways in which past policies could have been more effectively applied and examine the consequences.	6

F. Y. M. A. Semester II		
Title of the Course and Course Code	Micro Economics - II (ECO4201)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Report a thorough understanding of the basic principles of microeconomics.	1
CO2	Interpret the Monopolistic market framework, and apply it to microeconomic situations.	2
CO3	Illustrate the features of the Oligopolistic market.	3
CO4	Break down the nuances of welfare economics.	4
CO5	Review the above concepts to solve and analyse various problems of economic policy.	5
CO6	Devise and apply game theoretic solutions for economic decision making.	6
Public Economics - II (ECO4202)		
Title of the Course and Course Code	Public Economics - II (ECO4202)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Examine the role of the public sector in the economic arena.	3
CO2	Connect the recent developments in both theoretical and empirical literature through the Indian context.	4
CO3	Review and test the recent developments in Indian fiscal scenario.	5
CO4	Integrate international fiscal coordination in public finance.	6
CO5	Assess tax structure and tax reforms.	5
CO6	Analyse and create policy recommendations fostering economic planning.	6
Macro Economics - II (ECO4203)		
Title of the Course and Course Code	Macro Economics - II (ECO4203)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Summarise the micro-foundations of macroeconomics.	2
CO2	Outline the existence of unemployment.	3
CO3	Examine expectations formation.	3
CO4	Analyse the cyclical movement of output.	4
CO5	Determine and analyse movements of money.	5
CO6	Formulate how monetary policy interest rate is determined.	6

S. Y. M. A. Semester III		
Title of the Course and Course Code	Mathematical Economics (ECO4204)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Identify the mathematical formulations necessary to understand Economics.	1
CO2	Interpret static mathematical frameworks.	2
CO3	Employ comparative static mathematical frameworks.	3
CO4	Analyse dynamic mathematical frameworks.	4
CO5	Determine the applicability of the above three frameworks in Economics and analyse economic problems.	5
CO6	Develop solutions to Economic problems from programming and game theoretic approach.	6
S. Y. M. A. Semester III		
Title of the Course and Course Code	Agricultural Economics (ECO4205)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Show the role of the Agriculture sector in the economic arena.	1
CO2	Summarize the recent developments in Indian as well as international Agriculture sector.	2
CO3	Illustrate policy issues that are relevant to Indian agricultural economics.	3
CO4	Analyse the issues in agricultural sector, using basic economic concepts.	4
CO5	Determine the current social, economic and technical challenges and opportunities in sustainable agriculture.	5
CO6	Create policy recommendations to enhance efficiency and credit flow towards agriculture.	6
S. Y. M. A. Semester III		
Title of the Course and Course Code	International Economics and Finance - I (ECO5301)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Outline advanced level of theoretical and factual nuances of trade and finance	1
CO2	Summarise basic functions of trade and finance transactions	2
CO3	Examine international economy and financial management in an open economy	3
CO4	Analyse trade and investment patterns	4

CO5	Assess foreign trade production, finance and foreign trade accounting	5
CO6	Develop export and import management strategies	6
Title of the Course and Course Code	Growth & Development - I (ECO5302)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Outline the concepts of growth and development in LDC's and developing countries.	1
CO2	Summarise the evolution of growth models.	2
CO3	Interpret poverty, inequality and population dynamics in the context of developing countries.	2
CO4	Examine the theory of demographic transition, rural urban migration and problems in urban and rural areas.	3
CO5	Identify the issues of economic development.	4
CO6	Determine issues of urbanization.	5
Title of the Course and Course Code	Modern Banking (ECO5303)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Show the role of Financial system in economic development and describe how bank works for their liquidity, safety & profitability & make balance sheet.	1
CO2	Classify the whole structure of NBFCs in India and explain the working and role of IMF, IBRD, IDA, IFC.	2
CO3	Examine the role & nature of Foreign Exchange markets & its impacts on Indian.	3
CO4	Differentiate between the forms of foreign capital & regulation of it.	4
CO5	Evaluate the impacts of Global Financial Crisis 2008 on developed & developing countries.	5
CO6	Formulate solutions to the problems ahead to banking sector.	6
Title of the Course and Course Code	World Economy (ECO5305)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Describe the state of the world economy in the 21 st Century.	1
CO2	Discuss common issues faced by the world e. g. world recession, inflationary trends, impact of fluctuating prices of crude oil, gold etc.	2
CO3	Examine these global economic issues in the light of India's development efforts.	3

CO4	Analyse the development of the world economy over the years.	4
CO5	Evaluate the role played by various Economic organizations and Regional Trading Blocs.	5
CO6	Create recommended solutions towards world crises scenarios.	6
Econometrics (ECO5306)		
Title of the Course and Course Code		Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Illustrate the use of statistical techniques to analyse Economic data and relations.	2
CO2	Understand regression models.	2
CO3	Carry out hypothesis testing.	3
CO4	Break down economic relationships with regression model.	4
CO5	Evaluate statistical significance of relationships.	5
CO6	Select appropriate statistical models for use in economic modelling. Generate economic models using simultaneous equations, qualitative data and time series data.	5,6
S. Y. M. A. Semester IV		
International Economics and Finance - II (ECO5401)		
Title of the Course and Course Code		Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Outline advanced level of theoretical and factual nuances of trade and finance.	1
CO2	Outline various trade finance instruments via experiential learning.	2
CO3	Examine the international economy and financial management in an open economy.	3
CO4	Analyse trade and investment patterns.	4
CO5	Assess foreign trade production, finance and foreign trade accounting.	5
CO6	Develop export and import management strategies.	6
Growth & Development - II (ECO5402)		
Title of the Course and Course Code		Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Outline the problems of growth and development in developing and developed countries.	1
CO2	Explain the role of agriculture and industrial sector in the development process of developing countries.	2
CO3	Examine the various development models pertaining to financing	3

	development in developing countries.	
CO4	Analyse issues affecting economic development in the modern world, concerning gender equality, forms of governance, political stability etc. and explaining strategies relating to the same.	4
CO5	Critique the role of the government in the process of development and growth of a economy.	5
CO6	Hypothesize development plans appropriate for an economy and identify the policy environment that will be required.	6
Title of the Course and Course Code	Research Methodology (ECO5403)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Identify the information systems or sources of Internet.	1
CO2	Categorise collected data by classification & tabulation and by using graphs & diagrams.	2
CO3	Employ statistical techniques to use like ANOVA and regression using SPSS and other software.	3
CO4	Identify the criteria for good research.	4
CO5	Decide on appropriate research techniques to use.	5
CO6	Prepare a research report by understanding stages & types of report writing and formulate a research problem hypothesis & research design.	6
Title of the Course and Course Code	Economics of Environment (ECO5405)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Identify the key issues regarding sustainability, environmental degradation and economic growth.	1
CO2	Summarise the analytical framework adapted by the discipline of Economics to include the environmental concerns in its analysis.	2
CO3	Examine important phenomenon in the context of environmental resource management.	3
CO4	Analyse the environmental policy in place and the rationale behind it.	4
CO5	Evaluate different techniques of valuation and cost benefit analysis that goes into decision making in environmental Economics.	5
CO6	Specify ways in which education can be used for environmental protection and pollution control.	6

Economics of Finance (ECO5406)		
Title of the Course and Course Code	Economics of Finance (ECO5406)	Number of Credits: 04
On completion of the course, the students will be able to:		Bloom's Cognitive level
CO1	Identify the role played by financial institutions in the growth and development of an economy.	1
CO2	Explain the structure and functions of the various participants of the financial sector.	2
CO3	Calculate security prices using the Capital Asset Pricing Model and Asset Pricing Theory.	3
CO4	Analyse the mechanism and importance of derivative instruments in the functioning of the financial sector.	4
CO5	Assess the value of financial instruments based on concepts of time, uncertainty, information and inflation.	5
CO6	Devise investment decisions by utilising the different tools of capital budgeting and calculate returns generated.	6