Scheme of M.A. Economics under Semester System

Program Code & Name: DPMA05 - M.A. (Economics)

Session 2024-25

Semester	Course Code	Course Name	Credit			Total Credit	Marks			
							ESE	CIA	Total	
			L	T	P				MAX	MIN
First	MECT101	Micro Economics	3	1	-	4	70	30	100	40
	MECT102	Macro Economics	3	1	-	4	70	30	100	40
	MECT103	Quantitative and Statistical Methods	3	1	-	4	70	30	100	40
	MECT104	Indian Economic Policy- I	3	1	-	4	70	30	100	40
	MECT105	International Trade and Finance- I	3	1	-	4	70	30	100	40
		Total				**20**	**350**	**150**	**500**	**200**
Second	MECT201	Micro Economics Analysis	3	1	-	4	70	30	100	40
	MECT202	Research Methods and Computer Application	3	1	-	4	70	30	100	40
	MECT203	Indian Economic Policy- II	3	1	-	4	70	30	100	40
	MECT204	International Trade and Finance- II	3	1	-	4	70	30	100	40
	MECT205	Industrial Economics	3	1	-	4	70	30	100	40
		Total				**20**	**350**	**150**	**500**	**200**
Third	MECT301	Public Economics- I	3	1	-	4	70	30	100	40
	MECT302	Economics of Development and Growth- I	3	1	-	4	70	30	100	40
	MECT303	Trade Policy and International Monetary System	3	1	-	4	70	30	100	40
	MECT304	History of Economic Thoughts	3	1	-	4	70	30	100	40
	MECT305	Labor Economics	3	1	-	4	70	30	100	40
		Total				**20**	**350**	**150**	**500**	**200**
Fourth	MECT401	Public Economics-II	3	1	-	4	70	30	100	40
	MECT402	Economics of Development and Growth- II	3	1	-	4	70	30	100	40
	MECT403	Economics of Social Sector	3	1	-	4	70	30	100	40
	MECT404	Elective- I:- Econometrics	3	1	-	4	70	30	100	40
	MECT405	Elective- II:- Demography	3	1	-	4	70	30	100	40
	MECT406	Dissertation/ Project Work	3	1	-	4	70	30	100	40
		Total				**20**	**350**	**150**	**500**	**200**
		Grand Total				**80**	**1400**	**600**	**2000**	**800**

Program Code and Name	**DPMA05, M.A. (ECONOMICS)**			Semester	**IV**
Exam Code and Name	**M.A. ECONOMICS FOURTH SEMESTER**			Paper	**I**
Course Code	**MECT401**			Course Type	**T**
Course Title	**PUBLIC ECONOMICS- II**				
Total Credit	**4/3/2/1**				
Total Marks	CIA: 30/15	ESE: 70/35	Max Marks: 100/50	Min. Pass. Marks: 40/20	
Prerequisites (if any)					
Course Outcomes	CO1: To Analyze the relationship between population dynamics and public economic policies CO2: To understand the role of government in the economy and the rationale for public intervention in areas such as population and social welfare. CO3: To learn population control policies and programmed from a public finance perspective, including cost-benefit and equity considerations. CO4: To evaluate the economic implications of fertility, mortality, and migration for public expenditure and fiscal planning.				

Contents of Course

Unit	Contents	No. of Period
I	Public Debt and Fiscal Policy – Theoretical Foundations Public Debt: Sources, Effects, Burden, and Management, Theory of Public Debt: Loans and Saving as Sources of Finance for Development, Fiscal Policy: Concepts and Objectives, Neutral and Compensatory Fiscal Policy, Functional Finance, Fiscal Policy in Developing Countries Fiscal Policy for Stabilization: Automatic and Discretionary Stabilizers, Built-in Flexibility, Interdependence of Fiscal and Monetary Policies, Balanced Budget Multiplier, Anti-Inflationary Policy	15
II	Indian Fiscal Structure – Taxation and Expenditure, Indian Tax System: Salient Features, Major Taxes in India, Main Trends in the Revenue of Central and State Governments, Non-Tax Revenue, Union Budget of India, Major Trends in Public Expenditure in India (Growth and Composition), Problem of Budget Deficit, Fiscal Responsibility and Budget Management (FRBM) Act.	15
III	Public Enterprises and Public Debt in India Pricing Policy in Public Enterprises, Disinvestment and Privatization of Public Enterprises in India, Internal and External Public Debt of India	15
IV	Fiscal Federalism and Tax Reforms in India Fiscal Federalism: Theory and Problems of Centre-State Financial Relations, Criteria for Resource Transfer from Centre to States, Finance Commission and Devolution of Resources to States, Recent Tax Reforms in India, Recommendations of Raja J. Chelliah Committee and Kelkar Committee, Direct Tax Code, Goods and Services Tax (GST).	15
	Total no. of Lectures	60

Text books	1 l . R.A. Musgrave and P.B. Musgrave: Public Finance in Theory and practice, New York: McGraw-Hill. 2. R.A. Musgrave: Theory of Public Finance, McGraw-Hill, 3. S. G. Ganguli: Public Finance, The World Press Private Limited.
Reference books	1. . Harvey Rosen, Public Finance, McGraw Hill Publications. 2. David N. Hyman, Public Finance — A Contemporary Applications of Theory to Policy, Thomson South Western.

Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks	Continuous Internal Assessment (CIA): 30 Marks	End Semester Exam (ESE) : 70 Marks
Continuous Internal Assessment (CIA)	Internal Test/Quiz- (2): 20 & 20 Assignment / Seminar: 10 Total Marks: 30	Better marks out of the two Test / Quiz + obtained marks is Assignment shall be considered against **30** Marks
End Semester Exam (ESE)	**Three Section - A, B & C** Section A: Q1. Objective- 10 x 1 = 10 Mark; Section B: Long Answer type questions 1 out of 2 from each unit- 4 x 5 = 20 Marks; Section C: Descriptive answer type questions 1 out of 2 from each unit- 4 x 10 = 40 Marks;	

Program Code and Name	**DPMA05, M.A. (ECONOMICS)**			Semester	**IV**
Exam Code and Name	**M.A. ECONOMICS FORTH SEMESTER**			Paper	**II**
Course Code	**MECT402**			Course Type	**T**
Course Title	**ECONOMICS OF DEVELOPMENT AND GROWTH - II**				
Total Credit	**4/3/2/1**				
Total Marks	CIA: 30/15	ESE: 70/35	Max Marks: 100/50	Min. Pass. Marks: 40/20	
Prerequisites (if any)					
Course Outcomes	CO1: To Analyze role of capital formation, technology, human capital, and institutions in the development process CO2: To understand policy measures and strategies related to poverty alleviation, income distribution, and sustainable development. CO3: To learn the classical, neoclassical, and modern theories of economic growth and development. CO4: To evaluate indicators of economic growth and development.				

Contents of Course

Unit	Contents	No. of Period
I	Economic Growth and Structural Change Economic Growth and Structural Change, Structural Changes in the Composition of Gross Domestic Product (GDP), Occupational Structure, Structure of Capital Accumulation and Accumulation of Human Capital, Exploring the Relationship between Economic Development and Income Distribution, Kuznets' Inverted U-Shaped Curve, Augmented Kuznets's Curve, Empirical Studies: Denison & Chenery, Living in a Heterogeneous World, Global Inequality: "World-Islands of Prosperity" and "How the Other Three Quarters Live"	15
II	Classical and Neo-Classical Growth Theories Theories of Growth – Classical Approach: Adam Smith, Karl Marx, Joseph Schumpeter, Neo-Classical Approach: Joan Robinson, Robert Solow, Nicholas Kaldor, Harrod-Domar Model, Cambridge Criticism of Neo-Classical Growth Theory, The Capital Controversy	15
III	Technological Progress and Advanced Growth Models Technological Progress: Embodied and Disembodied Technical Progress, Hicks and Harrod, Learning by Doing, Production Function Approach to Economic Growth, Growth Models of Kaldor and Pasinetti, Optimal Savings and Ramsey's Rule of Accumulation, Romer's Model of Technological Change.	15
IV	Endogenous Growth and Economic Integration Endogenous Growth Theory, Intellectual Capital, AK Model, Uzawa-Lucas Model, Cross-Country Differentials in Economic Growth, Economic Isolation and Integration with Global Markets, Role of Market and State in Economic Functions, Efficiency of the Competitive Market, Market Failure and Government Failure, Choosing an Economic System, Market Failure in a Dynamic Economy.	15
	Total no. of Lectures	60

Text books	1. Chenery, Hollis and Moises Syrquin: Patterns of Development: 1950-70, Oxford University Press. 2. Kuznets, S.: Modern Economic Growth, Rate Structure and Spread, Vakils, Feffer and Simons Private Limited, Bombay.
Reference books	1. Robert J.Barrow and Xavier Sala-I-Martin: Economic Growth, Prentice- Hall of India, Pvt. Lid., New Delhi. 2. The r1wa11, A. P: Growth and Development, Eighth Edition, Palgrave Macmillan, New York. 3. Thorvald Gylfason : Principles of Economic Growth, Oxford University Press.

Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks	Continuous Internal Assessment (CIA): 30 Marks	End Semester Exam (ESE) : 70 Marks
Continuous Internal Assessment (CIA)	Internal Test/Quiz- (2): 20 & 20 Assignment / Seminar: 10 Total Marks: 30	Better marks out of the two Test / Quiz + obtained marks is Assignment shall be considered against **30** Marks
End Semester Exam (ESE)	**Three Section - A, B & C** Section A: Q1. Objective- 10 x 1 = 10 Mark; Section B: Long Answer type questions 1 out of 2 from each unit- 4 x 5 = 20 Marks; Section C: Descriptive answer type questions 1 out of 2 from each unit- 4 x 10 = 40 Marks;	

Program Code and Name	**DPMA05, M.A. (ECONOMICS)**			Semester	**IV**
Exam Code and Name	**M.A. ECONOMICS FORTH SEMESTER**			Paper	**III**
Course Code	**MECT403**			Course Type	**T**
Course Title	**ECONOMICS OF SOCIAL SECTOR**				
Total Credit	**4/3/2/1**				
Total Marks	CIA: 30/15	ESE: 70/35	Max Marks: 100/50	Min. Pass. Marks: 40/20	
Prerequisites (if any)					
Course Outcomes	CO1: To Analyze he role of people's participation in managing common and forest lands, and evaluate policies related to social forestry and energy efficiency. CO2: To understand the concept of human capital and evaluate public expenditure on education, its productivity, and its role in economic development. CO3: To learn various types of pollution and analyze pollution control strategies using cost-benefit analysis frameworks. CO4: To evaluate the economic implications of air and water pollution and evaluate environmental protection policies and laws.				

Contents of Course

Unit	Contents	No. of Period
I	Pollution- Classification of pollution, Control-of pollution, Air pollution control; water pollution control, pollution control strategies - cost benefits analysis of pollution environment and pollution.	15
II	Resources - Classification of Resource, Renewable Resource, Nonrenewable, optimum use of resource, land resource forest resource social forestry, people's participation in the management of common and forest land energy efficiency and, environment energy taxation, atomic and Solar Energy.	15
III	Education- Economics of education, Expenditure on education, Productive expenditure on education. Productivity of education , the return education ; Human capital Vs. physical capital, Educational ; reforms and Right the Education Act.	15
IV	Environmental protection, Environmental laws, Protection, Environment and development, sustainable development; population growth and environmental issues-global warming, climate change, greenhouse effect.	15
	Total no. of Lectures	60

Text books	1. Chenery, Hollis and Moises Syrquin: Patterns of Development: 1950-70, Oxford University Press. 2. Kuznets, S.: Modern Economic Growth, Rate Structure and Spread, Vakils, Feffer and Simons Private Limited, Bombay.
Reference books	1.Hanley, N., Shogren, J.F., & White, B. Environmental Economics: In Theory and Practice (Macmillan Education) – Covers pollution classification, control strategies, cost-benefit analysis, and sustainable development. 2. Tietenberg, T. & Lewis, L. Environmental and Natural Resource Economics (Pearson Education) – Includes air and water pollution control, resource classification, and environmental policy tools like energy taxation.

Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks	Continuous Internal Assessment (CIA): 30 Marks	End Semester Exam (ESE) : 70 Marks
Continuous Internal Assessment (CIA)	Internal Test/Quiz- (2): 20 & 20 Assignment / Seminar: 10 Total Marks: 30	Better marks out of the two Test / Quiz + obtained marks is Assignment shall be considered against **30** Marks
End Semester Exam (ESE)	**Three Section - A, B & C** Section A: Q1. Objective- 10 x 1 = 10 Mark; Section B: Long Answer type questions 1 out of 2 from each unit- 4 x 5 = 20 Marks; Section C: Descriptive answer type questions 1 out of 2 from each unit- 4 x 10 = 40 Marks;	

Program Code and Name	**DPMA05, M.A. (ECONOMICS)**		Semester	**IV**
Exam Code and Name	**M.A. ECONOMICS FORTH SEMESTER**		Paper	**IV**
Course Code	**MECT404**		Course Type	**T**
Course Title	**ECONOMETRICS**			
Total Credit	**4/3/2/1**			
Total Marks	CIA: 30/15	ESE: 70/35	Max Marks: 100/50	Min. Pass. Marks: 40/20
Prerequisites (if any)				
Course Outcomes	CO1: To Analyze simple and multiple linear regression models and interpret the estimated coefficients. CO2: To understand the basic concepts, assumptions, and objectives of econometric models and techniques. CO3: To learn econometric problems such as multicollinearity, heteroscedasticity, and autocorrelation. CO4: To Estimate and test hypotheses using real-world economic data through statistical software tools.			

Contents of Course

Unit	Contents	No. of Period
I	Basic Econometrics: Nature, meaning and scope of econometrics; Simple and General linear Regression Model — Assumptions, Estimation (OLS approach) and Properties of Estimators; Derivation of Least Square Parameters; Goodness of Fit and Econometric Inference. Functional Forints of Regression Models: Log low, Semi-log, Reciprocal Transformation.	15
II	Violation of Assumptions: Heteroscedasticity; Multicollinearity and Auto- correlation; Specification Problems. Regressions with Qualitative Independent Variables: Dummy Variable Technique; Regression with Binary Dependent Variables: Logit, Probit and Tobit models.	15
III	Dynamic Econometric Model: Auto-regressive and Distributed Lag Models — Koyck Model, Partial Adjustment Model, Adaptive Expectations; Almon Approach to Distributed Lag models. Method of Instrument Variables.	15
IV	Simultaneous Equation Models: The Simultaneous Equation bias and Inconsistency of OLS estimators; The Identification Problem; Rules of identification — order and rank conditions; Methods of estimating simultaneous equation system; Recursive methods and OLS; Indirect least squares (ILS); 2SLS, K class estimators, 3SLS and ML methods — application.	15
	Total no. of Lectures	60

Text books	l. 2.
Reference books	1. Amemiya, T. (1985), Advanced Econometrics, Harvard University Press, Cambridge, Mass. 2. Baltagi, B.H. (1988), Econometrics, Springer, New York. 3. Goldberger, A.S. (1998), Introductory Econometrics, Oxford University Press, New York. 4. Gujarati, D.N. (1995), Basic Econometrics (2nd Edition) MC Graw Hill New Delhi. Intrilligator, M.D. (1978), Econometric Methods, Techniques and Applications, Prentice Hall Englewood Cliffs, New Jersey.

Assessment and Evaluation

Suggested Continuous Evaluation Methods: Use of non-programmable calculator is permitted

Maximum Marks: 100 Marks	Continuous Internal Assessment (CIA): 30 Marks	End Semester Exam (ESE) : 70 Marks
Continuous Internal Assessment (CIA)	Internal Test/Quiz- (2): 20 & 20 Assignment / Seminar: 10 Total Marks: 30	Better marks out of the two Test / Quiz + obtained marks is Assignment shall be considered against **30** Marks
End Semester Exam (ESE)	**Three Section - A, B & C** Section A: Q1. Objective- 10 x 1 = 10 Mark; Section B: Long Answer type questions 1 out of 2 from each unit- 4 x 5 = 20 Marks; Section C: Descriptive answer type questions 1 out of 2 from each unit- 4 x 10 = 40 Marks;	

Program Code and Name	**DPMA05, M.A. (ECONOMICS)**			Semester	**IV**
Exam Code and Name	**M.A. ECONOMICS FORTH SEMESTER**			Paper	**V**
Course Code	**MECT405**			Course Type	**T**
Course Title	**DEMOGRAPHY**				
Total Credit	**4/3/2/1**				
Total Marks	CIA: 30/15	ESE: 70/35	Max Marks: 100/50	Min. Pass. Marks: 40/20	
Prerequisites (if any)					
Course Outcomes	CO1: To Analyze key demographic concepts such as fertility, mortality, migration, population growth, and demographic transition. CO2: To understand theories of population growth and their relevance to developed and developing countries. CO3: To learn the socio-economic implications of population growth, ageing, urbanization, and migration. CO4: To Estimate the relationship between population and economic development, environment, and public policy.				

Contents of Course

Unit	Contents	No. of Period
I	Population and Development: Meaning and scope of demography, components of population growth and their interdependence; Sources of population data; Theories of population – Malthus, Optimum theory of population; Theories of demographic transition; Models of Meadows, Enke, Becker and Easterlin; Population and Development.	15
II	Structure of Population: Population trends since the twentieth century; International aspects of population growth and distribution; Age and Sex structure in more developed and less developed countries; determinants of age and sex structure; Population pyramids-individual aging and population aging; Population projection.	15
III	Fertility: Importance of the study of fertility-Total fertility rate, Gross reproduction rate and Net reproduction rate. Levels and trends in developed and developing countries; Factors affecting fertility. Mortality: Levels and trends in mortality in developed and developing countries; Mortality differences by age & sex, occupation etc. ; Infant mortality; Factors leading to decline in mortality in recent past; Life Tables:- construction and uses.	15
IV	Demographic database in India: Study of Census in India-Methodology and characteristics; Nature of information collected in India with emphasis on 2011 Census ; National Family Health survey 1,2 and 3; Rapid Household Survey; Changing characteristics of population in India; Occupational Structure of Indian Population.	15
	Total no. of Lectures	60

Text books	1. Agarwal S.N. (1972), India's Population Problem, Tata McGraw- Hill Co., Bombay. 2. Bose, A. (1996), India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi.
Reference books	1. Chenery H. and T.N. Srinivasan (Eds.) (1989), Hand Book of Development Economics, Vol. 1 & 2 Elsevier, Amsterdam. 2. Choubey, P.K. (2000), Population Policy in India, Kanishka Publications, New Delhi. 3. Coals, A.J. and E.M. Hoover (1958), Population Growth and Economic Development in Low income Countries: A Case Study of India's Prospectus, Princeton University Press, Princeton

Assessment and Evaluation

Suggested Continuous Evaluation Methods:

Maximum Marks: 100 Marks	Continuous Internal Assessment (CIA): 30 Marks	End Semester Exam (ESE) : 70 Marks
Continuous Internal Assessment (CIA)	Internal Test/Quiz- (2): 20 & 20 Assignment / Seminar: 10 Total Marks: 30	Better marks out of the two Test / Quiz + obtained marks is Assignment shall be considered against **30** Marks
End Semester Exam (ESE)	**Three Section - A, B & C** Section A: Q1. Objective- 10 x 1 = 10 Mark; Section B: Long Answer type questions 1 out of 2 from each unit- 4 x 5 = 20 Marks; Section C: Descriptive answer type questions 1 out of 2 from each unit- 4 x 10 = 40 Marks;	

Program Code and Name	**DPMA05, M.A. (ECONOMICS)**			Semester	**IV**
Exam Code and Name	**M.A. ECONOMICS FORTH SEMESTER**			Paper	**VI**
Course Code	**MECT406**			Course Type	**P**
Course Title	**Dissertation / Project work**				
Total Credit	**4/3/2/1**				
Total Marks	CIA: 30/15	ESE: 70/35	Max Marks: 100/50	Min. Pass. Marks: 40/20	
Prerequisites (if any)					
Course Outcomes	CO1: Develops Ability to identify a research problem. CO2: Develops Ability to review existing literature in the subject domain and write a research proposal. CO3: Develops Ability to select appropriate methodological tools and techniques for research. CO4: Develops Ability to engage with community and carry out field- based research.				

Contents of Course

Unit	Contents	No. of Period
Project work	A student shall be required to do a project work, on a them to be decided in consultation with the competent faculty/HOD and will have to submit a dissertation/ Project Report 02 Weeks before IV semester exam. The Project work will be of 100 marks. A student will not be given any special permission to leave the department for a long time to do the project as he/she will be missing IV semester classes. Preferably organizational surveys in the local areas can be done.	
Dissertation	The dissertation work is distributed into two major parts, Each part of the dissertation carries equal credit for evaluation. Dissertation A. Theoretical discussion, literature review and development of research Proposal. B. Field Work, data analyses and Presentation of the findings (Dissertation)	

Assessment and Evaluation

Suggested Continuous Evaluation Methods:		
Maximum Marks: 100 Marks	Continuous Internal Assessment/ VIVA (CIA): 30 Marks	End Semester Exam (ESE) Project/ Dissertation File : 70 Marks
Continuous Internal Assessment (CIA)	Internal VIVA -: 20 Assignment / Seminar: 10 Total Marks: 30	Internal VIVA + obtained marks is Assignment shall be considered against **30** Marks
End Semester Exam (ESE)	**Project/ Dissertation file:** All the chapters formatted as per the Guidance of the Department Faculty and HOD**.**	