



R.E.Society's

***R.P. Gogate College of Arts & Science
and R.V. Jogalekar College of
Commerce (Autonomous), Ratnagiri***

***Master of Arts (MA Economics)
Programme***

***Two Year Integrated Programme
Four Semesters
Course Structure***

***Under Choice Based Credit System
(CBCS)***

To be implemented from Academic Year- 2024-2025

Head
Dept Of Economics
Gogate- Jogalekar College
Ratnagiri

Name of Programme	Masters of Arts (MA Economics)
Level	PG
No of Semesters	04
Year of Implementation	2024-25
Programme Specific Outcomes (PSO)	<p>At the end of the Programme, Learner will be able to</p> <ol style="list-style-type: none"> 1. Knowledge about economic theory regarding utilization and allocation of resources including labour, natural resources and capital 2. Understand economic vocabulary, methodologies, tools and analysis procedures in which related social. 3. Analyse macroeconomic policies, including especially fiscal and monetary policies of India. 4. Apply theories, models, and tools of Economics to analyze socio-economic issues and formulate viable solutions. 5. Develop macroeconomic models, which can serve as the workhorse for a fast-growing economy. 6. Conduct research projects on various social and economic issues and come out with solutions to perennial problems in this sphere.
Relevance of PSOs to the local, regional, national, and global developmental needs	<p>Master's programme in Economics can give you the skills to help solve global problems and prop up economically under-developed regions to the benefit of the people living there.</p> <ol style="list-style-type: none"> 1. Demonstrate the ability to employ the "economic way of thinking." i.e. the ability to use critical thinking skills within the discipline of economics about economic matters. 2. Give depth knowledge into special fields of choice like agricultural economics, industrial economics, financial market, development economics, and international trade. 3. Apply knowledge of economics for team building and create entrepreneurial initiatives for livelihood and socio-economic development. 4. Analyse macroeconomic policies, including especially fiscal and monetary policies of India. 5. Investigate socio-economic issues, extracting qualitative and quantitative data, critically examining its impacts for resource allocation, distribution, and exchange. 6. Prepare students for pursuing research or careers that provide employment through entrepreneurship and innovative methods. Because today's unemployment problem can also be solved by developing the micro and small entrepreneurship. 7. Create awareness to become a rational and an enlightened citizen so that they can take the responsibility to spread the

	<p>governments' initiatives/schemes to the rural areas for the upliftments of the poor or vulnerable section of the society for inclusive growth.</p> <p>8. The learners would have developed clear understanding of important basic concepts and principles of Economics and their relevance in the life; they would have developed independence thinking; they would be exposed to the current trends in research in economics, and would be able to integrate theory with practice. Thus their horizon of their knowledge would be expanded thus they would be employable or take their own vocation and contribute in the development of the state and the nation</p>
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**R. P. Gogate College of Arts & Science and
R. V. Jogalekar College of Commerce
(Autonomous), Ratnagiri**

**Board of Studies in Economics
Academic Year 2024-25
PG Courses Structure**

S.N.	Type of the course	No. of Cr.	Course Code	Nomenclature	S.N.	Type of the course	No. of Cr.	Course Code	Nomenclature
Semester I					Semester II				
1	Major : Mandatory	4	PAECO101	Microeconomics-I	1	Major : Mandatory	4	PAECO 201	Microeconomics-II
2	Major : Mandatory	4	PAECO 102	Macroeconomics-I	2	Major : Mandatory	4	PAECO 202	Macroeconomics-II
3	Major : Mandatory	4	PAECO 103	Economics of Growth and Development	3	Major : Mandatory	4	PAECO 203	Public Economics
4	Major : Mandatory	2	PAECO 104	Economics of Tourism	4	Major : Mandatory	2	PAECO 204	Agri-Tourism
5	Major : Elective (Any One)	4	PAECO 105	Statistical Economics	5	Major : Elective (Any One)	4	PAECO 205	Mathematical Economics
			PAECO 106	OR Economics of Labour Market				PAECO206	OR Industrial Relations in India
			PAECO 107	OR Urban Economics				PAECO207	OR Health Economics
6	RM	4	PAECO 108	Research Methodology	6	On Job Training/ Field Project		PAECO208	On Job Training/ Field Project

S.N	Type of the course	No of Cr	Course Code	Nomenclature	S.N	Type of the course	No of Cr	Course Code	Nomenclature
Semester III					Semester IV				
1	Major : Mandatory	4	PAECO 301	International Economics	1	Major : Mandatory	4	PAECO 401	Money and Banking
2	Major : Mandatory	4	PAECO 302	Economics of Human Development	2	Major : Mandatory	4	PAECO 402	Environmental Economics
3	Major : Mandatory	4	PAECO 303	Economics of Agriculture	3	Major : Mandatory	4	PAECO 403	Economics of Rural Development
4	Major : Mandatory	2	PAECO 304	Computer Application in Economics					
5	Major : Elective (Any One)	4	PAECO 305	Indian Economy	4	Major : Elective (Any One)	4	PAECO 404	Economics of Entrepreneurship
			PAECO 306	OR Econometrics				4	PAECO 405
6	RF	4	PAECO 307	Research Project (RP)	5	RP	6	PAECO 406	Research Project (RP)

**Syllabus for Master of Arts in Economics for the year 2024-25
Semester-I**

Nome of the Course	Microeconomics-I	
Class	M.A.	
Semester	I	
Course Code	PAECO101	
No. of Credits	04	
Nature	Theory	
Type	Major Mandatory I	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1 – Develop a nuanced understanding of consumer and firm behavior along with general equilibrium theory		
CO2 – Provide students with the necessary theoretical and analytical tools to study problems of economic policy		
CO3 –Ability to have necessary theoretical insights to study the modern microeconomic theory		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Consumer Behavior	1.1 Preference ordering 1.2 Consumption decision 1.3 Price and Income effects, Substitution Effects 1.4 Slutsky equation 1.5 Utility maximization problem 1.6 Indirect utility function 1.7 Expenditure function
II	Production, Cost and Supply	2.1 Production function: properties and types 2.2 Returns to scale and varying proportions, 2.3 Cobb-Douglas , 2.4 Variations in scale, 2.5 Variations in input proportions, 2.6 Cost: long run and short run cost curves 2.7 Cost minimization, 2.9 Supply: Long run supply function 2.10 Profit function, 2.11 Relationship between long and short run profit maximization

III	Theory of Competitive Markets	3.1 Market demand curve 3.2 Market supply curve, 3.3 Short run market equilibrium, 3.4 Stability of equilibrium: Walrasian and Marshallian approaches, 3.5 Long run market equilibrium, 3.7 Stability of long run equilibrium
IV	General Equilibrium and Welfare Economics	4.1 Walrasian general equilibrium of a competitive economy 4.2 Edgeworth exchange theory, 4.3 Pareto criterion, 4.5 First and Second theorems of welfare economics 4.6 Externalities and market failure.

Prescribed Text/s (If any):

Other Learning Resources recommended:

1. Das, S.P. (2007): Microeconomics for Business, Sage, New Delhi. Gravelle H. and Rees R. (2004): Microeconomics, 3rd Edition, Pearson Education Ltd, New Delhi.
2. Jehle, G.A. and P.J. Reny (2006): Advanced Microeconomic Theory, 2nd Edition, Pearson Education, New Delhi.
3. Tandon, P. (2015): A Textbook of Microeconomic Theory, Sage, New Delhi.
4. Varian H (2000): Intermediate Microeconomics: A Modern Approach, 8th Edition, And W.W. Norton and Company.
5. Varian, H.B. (1992): Microeconomic Analysis, 3rd Edition, W.W. Norton and Company

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Consumer Behavior	Chalk and Talk, AV resources	15
II	Production, Cost and Supply	Chalk and Talk, AV resources	15
III	Theory of Competitive Markets	Chalk and Talk, AV resources	15
IV	General Equilibrium and Welfare Economics	Chalk and Talk, AV resources	15

None of the Course	Macroeconomics-I
Class	M.A.
Semester	I
Course Code	PAECO102
No. of Credits	04
Nature	Theory
Type	Major - Mandatory II

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1 - Acquire knowledge of concepts of national income and social accounting.

CO2 - Analysis the consumption expenditure and investment.

CO3 - Identify the issues of inflation and trade cycle.

CO4 - Examine the approaches of supply and demand for money.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	National Income and Social Accounting	1.1 National Income Accounting: Various Concepts of National income 1.2 Methods of measuring National Income 1.3 Difficulties in the measurement of National income 1.4 Inflation and price indices. 1.5 Social accounting : Concepts and Importance 1.6 Types of social accounts: National income and Product accounts, Input-output accounting, Flow of funds accounts
II	Consumption Expenditure and Investment Analysis	2.1 Absolute income hypothesis 2.2 Relative income hypothesis 2.3 Permanent income hypothesis 2.4 Life-cycle hypothesis. 2.5 Investment- Types of Investment 2.6 Determinants of Investment -Marginal efficiency of capital (MEC) - Supply price of capital (SP), Prospective yield of capital (PY)
III	Inflation and Trade Cycles	3.1 Theories of Inflation: Demand pull and Cost push 3.2 Keynesian Theory of Inflation 3.3 Inflation and GDP 3.4 Concept of Trade cycles 3.5 Anti-cyclical policy 3.6 Theories of Trade Cycles - Hicks, Schumpeter, Goodwin and Samuelson
IV	Supply and Demand for Money	4.1 Components of money supply 4.2 Measures of money supply: M1, M2, M3 and M4

		4.3 Determinants of Money Supply 4.4 Demand for money: Classical approach, Cambridge approach 4.5 Keynesian approach - Liquidity preference theory 4.6 Portfolio balance Approach: Baumol and Tobin 4.7 Milton Friedman's Approach: demand for money.
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Prescribed Text/s (If any): -

Other Learning Resources recommended:

1. Dornbusch, Fischer, Stratz , Macroeconomics, (Revised Edition). Tata McGraw-Hill. New Delhi
2. Ahuja H. L. Macroeconomics Theory and Policy, S. Chand and Co. Ltd New Delhi.
3. Froyen R. T. Macroeconomics (7th Edition). Pearson Education. New Delhi
4. Mankiw, N. G. Macroeconomics, (Revised Edition), Worth Publications. New York.
5. Carlin, W and S David, Macroeconomics, Oxford University Press.
6. Errol D'Souza Macroeconomics, Pearson Education India-2009
7. Ahuja H.L (2009), 'Macro Economics Theory and Policy', S.Chand & Company Pvt. Ltd.
New Delhi
8. Satyanarayana T. (1990), 'A textbook of Macro Economics', Himalaya Publishing House, Bombay

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	National Income and Social Accounting	Chalk and Talk, AV resources	15
II	Consumption Expenditure and Investment Analysis	Chalk and Talk, AV resources	15
III	Inflation and Trade Cycles	Chalk and Talk, AV resources	15
IV	Supply and Demand for Money	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Growth and Development	
Class	M.A.	
Semester	I	
Course Code	PAECO103	
No. of Credits	04	
Nature	Theory	
Type	Major- Mandatory III	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1 – Familiarize learners with the developmental aspects of nations.		
CO2 - Analysis concept of Poverty and Inequality.		
CO3 – Assess the different theories on growth and development		
CO4 –Examine population growth developmental challenges.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Approaches to Development	1.1 Capital formation and Economic Development, 1.2 Role of agriculture and industry in economic Development, 1.3 Human Capital formation and economic Development, 1.4 Institutional Structure and economic Development 1.5 Monetary Policy in Economic Development 1.6 Fiscal Policy in Economic Development 1.7 Deficit Finance and Economic Development
II	Poverty and Inequality	2.1 Poverty and income distribution 2.2 Poverty and problems of measurement 2.3 concept of Income inequality and measurements of inequality 2.4 Understanding inequality in the developed and underdeveloped worlds. 2.6 Impact of inequality on the process of development. 2.7 Economic Growth and Income Distribution : The Kuznets Hypothesis
III	Theories of Economic Growth and Development	3.1 The Harrod- Domar growth model 3.2 Surplus labour (Lewis) 3.3 Big push (Rosenstein-Rodan) 3.4 Balanced growth (Nurkse) 3.5 Unbalanced growth (Hirshman) 3.6 Solow’s model of economic growth 3.7 The process of cumulative causation (Myrdal)
IV	Population Growth and Developmental Challenges	4.1 Population Growth and Economic Development 4.2 The theory of demographic transition 4.3 Migration 4.4 The Harris - Todaro Model 4.5 Problems of urbanization 4.7 Employment markets: Formal sector and informal sector employments and wage

Prescribed Text/s (If any):**Other Learning Resources recommended:**

1. Meier G. and J. Rauch, Leading Issues in Development Economics, Oxford University Press, 2018.
2. Thirlwall A.P (2018) Growth and Development (8th Edition), 2018
3. Basu, K., Analytical Development Economics: The Less Developed Economy Revisited, The MIT press, 2008.
4. Ray, Debraj, Development Economics, OUP, New Delhi, 2007.
5. Behrman, JR and TN Srinivasan, Handbook of Development Economics, Elsevier, 1995
6. Hayami, Yujiro, Development Economics: From the Poverty to the Wealth of Nations, OUP, Great Britain, 2001
7. Jhingan M.L. (2012), 'The Economics of Development and Planning', (40th Edition), Vrinda Publications (P) LTD. Delhi-110091 ISBN 978-81-8281-385-4

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Approaches to Development	Chalk and Talk, AV resources	15
II	Poverty and Inequality	Chalk and Talk, AV resources	15
III	Theories of Economic Growth and Development	Chalk and Talk, AV resources	15
IV	Population Growth and Developmental Challenges	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Tourism
Class	M.A.
Semester	I
Course Code	PAECO104
No. of Credits	02
Nature	Theory
Type	Major - Mandatory IV

Course Outcomes:

At the end of the Course, the Learner will be able to

- CO1 - Understand the concept of tourism, including the scope of tourism.
- CO2 - Apply of microeconomic concepts like demand, supply for tourism.
- CO3 - Analysis the impact of agri Tourism and Tourism Organizations in India.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Tourism	1.1 Tourism concept- Meaning, Nature and Scope of Tourism 1.2 Tourism as an Economic Activity 1.3 Tourism as an Service Industry 1.4 Recently development new types of Tourism: Rural and Agri Tourism, Wellness and Medical Tourism, Heritage and Eco-tourism 1.5 Tourism and ‘ Five Year Plans’ in India
II	Demand and supply of tourism	2.1 Concept and Characteristics of Tourism Demand 2.2 The Nature of The Market Demand for Tourism 2.3 Measuring of demand for Tourism 2.4 Tourism Demand Forecasting 2.5 Concept and Characteristics of Tourism Supply 2.6 Indicators of Tourism Demand And Supply
III	Impact of Tourism and Tourism Organizations	3.1 Economic impact of Tourism 3.2 Environmental impact of Tourism 3.3The Concept of Tourism Multiplier 3.4 Measurement of economic impact : Multiplier Effects of Tourism 3.5 Tourism Organizations: : ITDC, MTDC

Prescribed Text/s (If any): -

Other Learning Resources recommended:

1. Lundburg Donald E., Krishnamoorthy M., Stavenga Mink H. (1995), ‘Tourism Economics’, John Wiley & Sons, New York
2. Bull, Adrian (2000), ‘The Economics of Travel **of Tourism**’, Longman, Cheshire, Melbourne.
3. Cooper, Chris, Fletcher, John, Gilbert, David and Wanhil Stephen (2001), ‘Tourism Principles and practice’, Pitman Publishing, London.
4. Bhatia A.K, ‘Tourism Development’ (2014 Ed. 3rd), Sterling Publishers Pvt. Ltd, New Delhi

5. Peter Mason, 'Tourism Impacts, Planning and Management (2003)', Butterworth Heinemann An imprint of Elsevier Linacre House, Jordan Hill, Oxford OX2 8DP 200 Wheeler Road, Burlington, MA 01803 ISBN 0 7506 5970X
6. 'International Handbook on the Economics of Tourism'(2006), Edited by Larry Dwyer and Peter Forsyth, Published byEdward Elgar Publishing LimitedGlensandaHouseMontpellier ParadeCheltenham Glos GL50 1UA UK ISBN-13: 978 1 84376 104 4
7. M.Thea Sinclair and Mike Stabler (1997) 'The Economics of Tourism' First published 1997 by Routledge 11 New Fetter Lane, London EC4P 4EE This edition published in the Taylor & Francis e-Library, 2002.

Website:

- <https://tourism.gov.in>
- <https://itdc.co.in>
- <https://www.maharashtratourism.gov.in>
- https://www.academia.edu/7786318/Tourism_Development_in_India_under_Government_Five_Year_Plans
- https://tourism.gov.in/sites/default/files/2019_10/020220120146055.pdf

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Tourism	Chalk and Talk, AV resources	10
II	Demand and supply of tourism	Chalk and Talk, AV resources	10
III	Impact of Tourism and Tourism Organizations	Chalk and Talk, AV resources	10

Nome of the Course	Statistical Economics	
Class	M.A.	
Semester	I	
Course Code	PAECO105	
No. of Credits	04	
Nature	Practical	
Type	Major : Elective-I	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1 –The basic knowledge required for elementary econometrics		
CO2 – Analyze primary and secondary data and draw Inferences from the datasets		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Statistical Economics	.1 Random variables’ mean and variance of a random variable 1.2 Basic laws of probability 1.3 Discreet random variables (Geometric, Binomial and Poisson), 1.4 Continuous distributions (The Normal Distribution), 1.5 Covariance and Correlation (Pearson’s and Spearman’s coefficients) 1.6 The Law of Large numbers (without proof)
II	Tests of Hypothesis	2.1 Tests of hypothesis 2.2 Null and Alternative hypothesis 2.3 One tailed and Two tailed tests 2.4 The standard normal distribution and its applications 2.5 The Chi-square distribution and its applications 2.6 The t distribution and its application 2.7 The F distribution and its application, 2.8 The Central Limit Theorem (without proof)
III	Regression – I	3.1 Simple linear regression: Estimation and hypothesis testing 3.2 Properties of estimators R square and adjusted R square 3.3 The F test in regression,
IV	Regression – II	4.1 Interpreting regression coefficients. 4.2 Problems in simple Linear Regression model 4.3 Heteroskedasticity and its consequences
Prescribed Text/s (If any):		

Other Learning Resources recommended:

1. Hatakarn Neeraj R: Principles of Econometrics : an Introduction Using R, SAGE publications, 2010
2. Kennedy P.: A Guide to Econometrics, sixth edition, Wiley Blackwell edition, 2008
3. Gujarati D: Econometrics: by Examples, Palgrave Macmillan, 2011.
4. Santhakumaran A., Fundamentals of Testing Statistical Hypotheses, Atlantic, 2001.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Statistical Economics	Chalk and Talk, AV resources	15
II	Tests of Hypothesis	Chalk and Talk, AV resources	15
III	Regression – I	Chalk and Talk, AV resources	15
IV	Regression – II	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Labour Market	
Class	M.A.	
Semester	I	
Course Code	PAECO106	
No. of Credits	04	
Nature	Theory	
Type	Major: Elective II	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1 – Know about the functioning of labour market.		
CO2 – Evaluate different approaches pertaining to labour market.		
CO3 – Knowledge on wage related and other functional aspects with regard to labour markets.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Nature of the Labour Market	1.1 Concept and Characteristics of labour market 1.2 Characteristics of Indian Labour Market 1.3 Types of labour market 1.4 Basic Search Theory in labour markets 1.5 The theory of Human Capital, 1.6 Investment in Human Capital 1.7 Costs and life-time benefits to education
II	Micro and Macro Approaches in Labour Markets	2.1 The theory of labour demand 2.2 Industry demand for labour 2.3 Determinants of labour demand 2.4 The theory of supply: Work-leisure choice in Indifference curves, Budget constraint Utility maximization, 2.5 backward-bending supply curve and its applications.
III	Wage Issues in Labour Markets	3.1 Theories of Wages 3.2 Wage structure and components of wages 3.3 Inequality of Wage income 3.4 Wage differentials - Male-Female wage differentials 3.5 Concept of Contract labour and Properties of contractual wages 3.6 Minimum wages 3.7 Wage code bill - 2020.
IV	Case Studies on Labour Market in India	4.1 Employee Turnover 4.2 Migrant Labour 4.3 Impact of Trade Unions on Productivity and Wages 4.4 Social Security 4.5 Occupational Safety and Security 4.6 Sectoral Labour Market- Formal and informal 4.7 Wages and incomes policy in India 4.8 Impact of liberalization and Globalization on labour market
Prescribed Text/s (If any):		

Other Learning Resources recommended:

1. Bhagoliwal TN, Economics of Labour and Industrial Relations, Sahitya Bhavan, Agra, 1996.
2. Cahuc Pierre and Andre Zylberberg, Labor Economics, Massachusetts Institute of Technology, 2004
3. Harris Barbara and Sinha White, Trade Liberalization and India's Informal Economy, Oxford University Press, New Delhi, 2007.
4. Sapsford David and ZafirisTzannatos, The Economics of the Labour Market, Macmillan, London, 1993.
5. Singh Jwitesh Kumar, Labour Economics, Deep and Deep Publishers, Delhi, 1998.
6. UchikawaShuji (eds.) Labour Market and Institution in India 1990s and Beyond, Manohar Publishers, New Delhi, 2003.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Nature of the Labour Market	Chalk and Talk, AV resources	15
II	Micro and Macro Approaches in Labour Markets	Chalk and Talk, AV resources	15
III	Wage Issues in Labour Markets	Chalk and Talk, AV resources	15
IV	Case Studies on Labour Market in India	Chalk and Talk, AV resources	15

Nome of the Course	Urban Economics
Class	M.A.
Semester	I
Course Code	PAECO107
No. of Credits	04
Nature	Theory
Type	Major Elective-III

Course Outcomes:

At the end of the Course, the Learner will be able to
 C0 -Familiarize the theoretical tools (concepts and theories) that are relevant to urban spaces.
 C02 -Understand the importance and nuances of urban spaces, especially in India.
 C03 -Application of theoretical precepts to issues in urbanization.
 C04 - Understanding of urbanization process/ dynamics in India.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Urban Forms	1.1 Historical evolution of urban forms–definition, rationale and modern related types (UA). 1.2. Agglomeration – productivity increases, models of optimal city size and regional dispersal. City functions and size class
II	Within the City	1.1 Location of Economic Activities, 1.2 Land use patterns – classical models and modern reality, regulation land ceiling and rent control. Labour Markets– nature, information. 2.3 Migration, Urbanpoverty, Environment
III	Local Public Goods and Infrastructure	3.1 Nature of Local Public Goods and Utility Pricing 3.2 water/sanitation, health and education. Power, 3.4 Housing and Transportation infrastructure 3.5 Slums and rehabilitation 3.6 Urban infrastructure needs and finance
IV	Governance:	4.1 Municipal governments – sources of revenues (local taxes) and expenditure. Functions and budgets in a decentralized set up. 4.2 Governance Issues – capacity building and the role of civil society

Prescribed Text/s (If any): -

Other Learning Resources recommended:

1. O’Sullivan, A., Urban Economics, McGraw-Hill Irwin, 2002 (BASIC TEXT All Modules)
2. Shukla, V., Urbanization and Economic Growth, Himalaya Publishers Pvt. Ltd., Mumbai, 1996 (Modules 1, 2)

3. Bahl, R and J. Linn, Urban Public Finance in Developing Countries, OUP (WB), 1992 (Modules 3, 4)
4. Ramachandran, R., Urban Economics and Urban Systems in India, OUP, 1989 (Module 1)

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Urban Forms	Chalk and Talk, AV resources	15
II	Within the City	Chalk and Talk, AV resources	15
III	Local Public Goods and Infrastructure	Chalk and Talk, AV resources	15
IV	Governance	Chalk and Talk, AV resources	15

Nome of the Course	Research Methodology	
Class	M.A.	
Semester	I	
Course Code	PAECO108	
No. of Credits	04	
Nature	Theory	
Type	Major Mandatory - Research Methodology	
Course Outcomes:		
<p>At the end of the Course, the Learner will be able to</p> <p>CO1- Understand and inculcate research in Economics</p> <p>CO2- Understand data collection and presentation for quality research in social sciences</p> <p>CO3- Help in formulation of hypotheses and its testing in social science research.</p> <p>CO4- Understand the writing of social science research reports with its various types, organization and styles</p>		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Social Science Research	<p>1.1 Social Science Research : Concept of Research - Types of Research</p> <p>1.2 Importance of Research</p> <p>1.3 Research Design and Research Problem</p> <p>1.4 Types of Data and Collection of Data</p> <p>1.5 Sampling Methods.</p>
II	Statistical Methods and Sampling Techniques	<p>2.1 Classification and Tabulation of Data - Graphic representation of Data Interpretation of Results.</p> <p>2.2 Measures of central tendency</p> <p>2.3 Index</p>
III	Hypothesis Testing and Methods	<p>3.1 Hypothesis and Hypothesis Testing</p> <p>3.2 Correlation analysis (Pearson's and Spearman's Rank Correlation)</p> <p>3.3 Regression Tests</p> <p>3.4 Analysis of Variance</p>
IV	Research Report Writing and Research Report other factors	<p>4.1 Research Report Writing : types, importance, objective</p> <p>4.2 Format of a research report writing</p> <p>4.3 Principles of the research report writing</p> <p>4.4 Research Report other factors</p>
Prescribed Text/s (If any)—		

Other Learning Resources recommended:

1. Allen, T. Harrell (1978), New methods in social science research, Praeges Publishes, New York
2. Gupta S. P, (1987), Statistical methods, Sultan Chand and Sons, New Delhi
3. Cochran William G.: Sampling Techniques, John Wiley, 2007.
4. Kothari R.C. (2008), Research methodology, methods and techniques, New Age International Publishers, 2nd revised edition, New Delhi.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Social Science Research	Chalk and Talk, AV resources	15
II	Statistical Methods and Sampling Techniques	Chalk and Talk, AV resources	15
III	Hypothesis Testing and Methods	Chalk and Talk, AV resources	15
IV	Research Report Writing and Research Report other factors	Chalk and Talk, AV resources	15

Syllabus for Master of Arts in Economics for the year 2024-25
Semester- II

Nomenclature of the Course	Microeconomics-II	
Class	M.A.	
Semester	II	
Course Code	PAECO201	
No. of Credits	4	
Nature	Theory	
Type	Major: Mandatory - I	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1- Create an understanding of strategic behavior under oligopoly		
CO2- Provide knowledge with the necessary theoretical and conceptual underpinnings to real world concepts and issues using illustrations and case studies.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Game Theory	1.1 Introduction to Game Theory 1.2 Normal Form and Extensive Form of a game 1.3 Dominant Strategy Equilibrium 1.4 Nash Equilibrium in Pure and Mixed strategies 1.5 Prisoner's Dilemma 1.6 Dynamic Games 1.7 Sub game Perfection
II	Oligopoly	1.1 Oligopoly and its features 1.2 The Cournot model 1.3 The Bertrand Model 1.4 The Stackelberg model 1.5 Oligopoly in repeated games and tacit collusion 1.6 Comparison with monopoly Limit pricing and Entry deterrence in monopoly.
III	Economics of Information	3.1 Principal-Agent models 3.2 Moral Hazard and Adverse Selection 3.3 The market for lemons 3.4 optimal contracts under asymmetric information 3.5 Signaling and Screening.
IV	Case Studies and Application	4.1 Case studies and Applications: Price competition for homogenous and differentiated products

		4.2 Quantity/Production capacity competition 4.3 Leadership and Cartels 4.5 Insurance and Debt contracts 4.6 Advertising and Brand reputation.
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Prescribed Text/s (If any): -

Other Learning Resources recommended:

1. Das, Satya P. (2007): Microeconomics for Business, Sage Publications India Pvt Ltd., New Delhi.
2. Gibbons R.A. (1992): A Primer in Game Theory, Harvester-Wheatsheaf.
3. Gravelle, H. and Rees, R. (2004): Microeconomics, 3rd Edition, Pearson Edition Limited, New Delhi.
4. Jehle, G.A. and P.J. Reny (2006): Advanced Microeconomic Theory, 2nd Edition, Pearson Education, New Delhi.
5. Png, Ivan (2012): Managerial Economics, 4th Edition, Routledge, New York.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Game Theory	Chalk and Talk, AV resources	15
II	Oligopoly	Chalk and Talk, AV resources	15
III	Economics of Information	Chalk and Talk, AV resources	15
IV	Case Studies and Application	Chalk and Talk, AV resources	15

Nomenclature of the Course	Macroeconomics-II	
Class	MA-I	
Semester	II	
Course Code	PAECO 202	
No. of Credits	4	
Nature	Theory	
Type	Major: Mandatory -II	
Course Outcomes:		
At the end of the Course, the Learner will be able to CO1-Acquire knowledge about pricing under Imperfect Competition. CO2 - Analyse the Real Business Cycles Theory. CO3- Evaluate different approaches New Keynesian Economics. CO4 - Identify the Issues of Macroeconomics Policy.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Prices under imperfect competition	1.1 Imperfectly Flexible Prices 1.2 Price-setting under imperfect competition 1.3 Menu costs 1.4 real rigidity and neutrality 1.5 Quadratic price adjustments
II	Theories of Business Cycles	2.1 Real Business-Cycle Theory 2.2 Introduction: Some Facts about Economic Fluctuations 2.3 An Overview of Business-Cycle Research 2.4 A Baseline Real-Business-Cycle Model Household Behavior 2.5 Empirical Application: Money and Output 2.6 Assessing the Baseline Real-Business-Cycle Model Problems
III	New Keynesian Economics	3.1 New Keynesian Economics 3.2 Disequilibrium 3.3 Multiple equilibria 3.4 Hysteresis 3.5 Reconstructing the Keynesian multiplier 3.6 The New Keynesian model of inflation
IV	Macroeconomics Policy Issues	4.1 Macroeconomic Policy 4.2 Rules versus Discretion 4.3 Credibility & Reputation 4.4 Dynamic Inconsistency Banks 4.5 Financial Intermediaries and Unconventional Monetary Policy 4.6 Inflation Targeting and Exchange Rates.
Prescribed Text/s (If any): -		

Other Learning Resources recommended:

1. Dornbusch, Fischer and Startz, 2012, Macroeconomics, 10th Editions, McGraw Hill Education Pvt. Ltd. New Delhi.
2. Heijdra, Ben J. and Frederick Van Der Ploeg. 2002, Foundations of Modern Macroeconomics. Oxford University Press, Oxford.
3. Romer, David, 2012, Advanced Macroeconomics, McGraw-Hill. Fourth Edition.
4. Wickens, Michael, 2011, Macroeconomic Theory and the Dynamic General Equilibrium Approach. Princeton University Press.
5. Wendy Carlin & David Soskice, 2006, Macroeconomics- Imperfections, Institutions & Policies- Oxford University Press (2006).
6. Olivier Blanchard – Macroeconomics, Pearson, Seventh Edition (2017)

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Prices under imperfect competition	Chalk and Talk, AV resources	15
II	Theories of Business Cycles	Chalk and Talk, AV resources	15
III	New Keynesian Economics	Chalk and Talk, AV resources	15
IV	Macroeconomics Policy Issues	Chalk and Talk, AV resources	15

Nomenclature of the Course	Public Economics	
Class	M A - I	
Semester	II	
Course Code	PAECO203	
No. of Credits	4	
Nature	Theory	
Type	Major: Mandatory -III	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1 –Acquire knowledge about the introduction to public economics.		
CO2- Examine the Principles of Taxation and public Expenditure.		
CO3 – Assess the Government budgeting.		
CO4 -Analyse the Indian Federal Finance System.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Public Economics	1.1.Economic role of Government in a mixed economy 1.2. Market failure and Government intervention 1.3. Major Fiscal function of government 1.4.The concept of private and public wants (goods) 1.5. Merit wants and merit goods 1.6.Club Goods Public choice theory- Arrow impossibility theorem, Medium voter theorem
II	Principles of Taxation and Expenditure	2.1 Principles of Taxation 2.2 Taxable capacity – concept , Colin Clark and Musgrave’s view of taxable capacity 2.3 Ability to pay theory 2.4 Benefit principle 2.5 Lindahl’s voluntary exchange approach 2.6 Rise in public expenditure 2.7Wagner hypothesis 2.8 Wiseman- peacock hypothesis 2.9 Samuelson’s pure theory of public expenditure 2.10 Evaluation of Government Expenditure: Social Cost-Benefit Analysis
III	Government budgeting (With special reference to India)	3.1 Concept and Types of Public budget 3.2 Budgetary theory 3.3 Classification of budgets: Functional, organizational, economic and object 3.4 Structure of Public Budget 3.5 Zero base budgeting

		3.6 Impact of budgetary changes: Increase in government expenditure (deficit spending), increase in taxation (surplus without spending), balanced budget (spending without deficit) 3.7 Budget of the Government of India (Previous two years budget analysis)
IV	Fiscal Federalism	4.1 The concept of fiscal federalism 4.2 Division of power and functions 4.3 Division of resources 4.4 Working of Indian fiscal federalism

Prescribed Text/s (If any): ---

Other Learning Resources recommended:

1. James Buchanan, the Economics of Public Finance, 1964.
2. R.A. Musgrave, Public Finance in a Democratic Society, 1986.
3. Raja Chelliah, Fiscal Policy in Underdeveloped Countries, 1976
4. Wayland D. Gardner, Government Finance: National, State, Local, 1978
5. Indian Finance Commission Reports.
6. Bimal Jalan, Indian Economy: Problems and Prospects, 1992

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	General Equilibrium and Welfare Economics	Chalk and Talk, AV resources	15
II	Market Structure: Monopoly and Monopolistic Competition	Chalk and Talk, AV resources	15
III	Oligopoly	Chalk and Talk, AV resources	15
IV	Information Economics	Chalk and Talk, AV resources	15

Nomenclature of the Course	Agri-Tourism	
Class	M.A.	
Semester	II	
Course Code	ECOM204	
No. of Credits	02	
Nature	Theory	
Type	Major: Mandatory -IV	
Course Outcomes:		
At the end of the Course, the Learner will be able to CO1 – Know the introduction to agri- tourism. CO2 - Analysis th agri tourist and identifying agri –tourism. CO3- Examine the marketing and promotion of agri tourism.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Agri- Tourism	1.1 Agri Tourism: Definition and Scope 1.2 Special Features of Agri-Tourism 1.3 Merits and demerits of Agro- Tourism 1.4 Agri Tourism as an agri business Impact of Agri Tourism in Sustainable Rural Development
II	Agri Tourist and Identifying Agri -Tourism	2.1 Definition and Characteristics of an agri tourist 2.2 Types of agri tourists 2.3 Identifying Agri Tourism 2.4 Formation of Agri-tourism Center
III	Marketing and Promotion of Agri Tourism	3.1 Marketing and Promotion of Agri Tourism 3.2 Expectations of tourists regarding the quality of agri-tourism services 3.3 Agri Tourism Policy 2020 of Govt. of Maharashtra 3.4 Cases in Agri -Tourism: a) Baramati Agri Tourism Centre b) Agri -Tourism center in Konkan regain - Special reference to Ratnagiri district
Prescribed Text/s (If any): -		
Other Learning Resources recommended:		
1) Mahaliyanaarachchi Rohana P (2017)‘Agri Tourism Segment of Rural Tourism’Published by Department of Agribusiness Management, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri LankaBelihuloya. 70140Sri Lanka ISBN: 978-955-644-054-6		
2) Sarath S. & Dr. B.Venkata Rao (2023), ‘Agri-tourism: The Stakeholders-Focused Journey in Maharashtra’, Published by National Institute of Agricultural Extension		

Management (MANAGE) (An organisation of Ministry of Agriculture and Farmers' Welfare, Govt. of India) Rajendranagar, Hyderabad – 500 030, Telangana State, India.

3) Kumbhar Vijay M.(2017), '**Tourist Expectation and Brand Creation in Agri - Tourism: A Critical Study**' See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/235939083>

4) Chawla Romila(2008), 'Agri- tourism', Sonali Publications, Delhi,

5) हाडवळे मनोज (2018), 'कृषी पर्यटन – एक शेतीपूरक व्यवसाय' सकाळी मिडिया प्रा. लि. पुणे

ISSN No: 978-93-87408-24-1

Website:

- <https://tourism.gov.in>
- <https://itdc.co.in>
- <https://www.maharashtratourism.gov.in>
- <https://www.agrowon.com>
- <http://agritourism.in>
- https://www.academia.edu/10780554/Agri-Tourism_Development_Initiative_by_Shri.Pandurang_Taware_through_Co-operative_Movement_in_the_State_of_Maharashtra
- https://www.in.gov/isda/files/Planning_for_Agritourism.pdf

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Agri-Tourism	Chalk and Talk, AV resources	10
II	Agri Tourist and Identifying Agri -Tourism	Chalk and Talk, AV resources	10
III	Marketing and Promotion of Agri Tourism	Chalk and Talk, AV resources	10

Nomenclature of the Course	Mathematics for Economics
Class	M.A.
Semester	II
Course Code	PAECO205
No. of Credits	04
Nature	Theory
Type	Major : Elective -I

Course Outcomes:

At the end of the Course, the Learner will be able to
CO1: Demonstrate knowledge and understanding of Mathematical techniques like calculus, matrix algebra and integration to apply to economic theories
CO2: Use a mathematical approach in microeconomics, macroeconomics, and all other applied courses.
CO3: Model economic questions as mathematical problems.
CO4: Use creativity and innovation in problem-solving.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Background I	1.1 Elements of set theory: R and R^n 1.2 sequences & limits 1.3 open & closed sets compact sets 1.4 Functions: continuity; linear functions; concave and quasi concave functions Vectors and matrices: the determinant; quadratic forms
II	Background II	2.1 The derivative: partial derivatives 2.2 implicit differentiation; total derivatives 2.3 Unconstrained and 2.4 constrained optimization; concave programming 2.5 Differential Equations: stability
III	Static Optimization	3.1 Integration: definite and indefinite integrals 3.2 integration by parts 3.3 The Kuhn-Tucker theorem
IV	Information Economics	4.1 Calculus of Variations 4.2 The Maximum Principle 4.3 Dynamic Programming

Prescribed Text/s (If any):

Other Learning Resources recommended:

1. Chiang, A.C., Fundamental Methods of Mathematical Economics, McGraw-Hill, 2005
2. , Elements of Dynamic Optimization, McGraw-Hill, 1992
3. Simon, C.P. and B. Lawrence, Mathematics for Economists, Viva Books Pvt Ltd, 1994
4. Sydsaeter, K., P. Hammond, and S. Arne, Essential Mathematics for Economic Analysis,

Pearson, 2012

Additional Readings

- 1 Binmore, K., Foundations of Analysis, Books 1 & 2, Cambridge University Press, 1980
- 2 Dixit, A., Optimization in Economic Theory, Oxford University Press, 1990

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Background I	Chalk and Talk, AV resources	15
II	Background II	Chalk and Talk, AV resources	15
III	Static Optimization	Chalk and Talk, AV resources	15
IV	Information Economics	Chalk and Talk, AV resources	15

Nomenclature of the Course	Industrial Relations In India	
Class	M.A.	
Semester	II	
Course Code	PAECO206	
No. of Credits	4	
Nature	Theory	
Type	Major : Elective -II	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1 – Develop a nuanced understanding of consumer and firm behavior along with general equilibrium theory		
CO2 – Provide students with the necessary theoretical and analytical tools to study problems of economic policy.		
CO3 – Ability to have necessary theoretical insights to study the modern. microeconomic theory.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Industrial Relations	1.1 Industrial Relations: Meaning, scope, nature. 1.2 Macro Approaches-System Approach and Class Conflict Approach Micro Approaches-Taylorism, Fordism and Post-Fordism Neo-Fordism, Pluralism.
II	Political Economy of Trade Unions	2.1 Evolution and Role of Trade Unions 2.2 Approaches to the Origin of Trade Unions. Bargaining Theory of Wages 2.3 Impact of unions on productivity and wages 2.4 Employment Security and Efficiency
III	Industrial Relations in India	3.1 History, growth and structure of trade unions 3.2 Independent and white collar unions in India 3.3 Trade Unions and Contract Worker 3.4 Employer’s Organizations: Role of managerial class in industrial relations. 3.5 Industrial conflict: Forms of conflict, strikes, lockouts, absenteeism 3.6 Employee turnover 3.7 Causes and consequences and trends in industrial disputes 3.8 Industrial Relation in Gig economy
IV	Role of the State in	4.1 Impact of Globalization 4.2 Tripartism 4.3 Labour Legislation affecting industrial relations: Statutory and Non-Statutory measures to settle industrial disputes

	Industrial Relations in India	4.4 Workers Participation in Management 4.5 Voluntary Retirement Scheme and other retrenchment measures
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Prescribed Text/s (If any): -

Other Learning Resources recommended:

1. Amin, Ash (Ed.), Post-Fordism-A Reader, Blackwell, Oxford, 1994.
2. Government of India, Ministry of Human Resource Development, Report of Second National Commission on Labour, 2002.
3. Hicks J.R., The Theory of Wages, Clarendon Press, Oxford, 1932.
4. Monappa, Arun, Industrial Relations, Tata McGraw Hill, New Delhi, 2005.
5. Pencavel, John, Labour Markets under Trade Unionism: Employment, Wages and Hours, Basil Blackwell, Cambridge, Massachusetts, 1991
6. Roy, J. Adams (eds.), Comparative Industrial Relations, Harper Collins Academic, London, 1999

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Industrial Relations	Chalk and Talk, AV resources	15
II	Political Economy of Trade Unions	Chalk and Talk, AV resources	15
III	Industrial Relations in India	Chalk and Talk, AV resources	15
IV	Role of the State in Industrial Relations in India	Chalk and Talk, AV resources	15

Nomenclature of the Course	Health Economics	
Class	PAECO207	
Semester	M.A.	
Course Code	II	
No. of Credits	4	
Nature	Theory	
Type	Major : Elective-III	
Course Outcomes:		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Economics of Health	1.1 The distinction between health and health care 1.2 Determinants of health – 1.3 Health Accounts: sources of health expenditure 1.4 providers of health care and health expenditure by functions 1.5 Health care and its linkages with poverty, nutrition; morbidity and mortality 1.6 Demand and Supply of healthcare 1.7 Opportunity costs and problems of rationing- health care 1.8 Costs and efficiency- Types of equity. Markets vs. State.
II	Financing Health Care and Delivery of Health Care	1.3 Economics of financing health care 1.4 Financing options- The rationale of government funding and regulation of health care 1.5 user charges and community financing schemes 1.6 issues of affordability and accessibility-Delivery of health care 1.7 Models of decentralization -private/public mix. Private and Public Health Insurance – Formal and informal sectors
III	Evaluation of Health Care	Conceptual Foundations for health utility measurement - Preference based measures of health- 3.2 Contingent valuation in health Discrete choice experiments in health economics- stages and Validity of discrete choice variables. 3.3 Economic evaluation in health care-Cost-effectiveness analysis 3.4 Decision rules in economic evaluation.
IV	Health Approaches in India	Economic dimensions of the health system in India 4.2 Health Indicators and outcomes – Nutritional concerns 4.3 Role of government in health care 4.5 Equity issues in health and health care systems 4.6 Social and gender inequalities 4.7 Social security measures-Health care in India 4.8 Health and population policies- Health sector reforms in India

Prescribed Text/s (If any): --

Other Learning Resources recommended:

1. Jones, A.M. (ed.), The Elgar Companion to Health Economics, Edward Elgar, USA, 2006 (Modules 3 and 4)
2. Glied S. and P.C. Smith (ed.) The Oxford Handbook of Health Economics, New York, 2011 (Modules 3 and 4)
3. Henderson, J.W., Health Economics and Policy, South –Western, Thomson Learning, 2001. Chapters: 2 and 3 (Module 2)
4. Mcpake, B., L. Kumanayake and C. Normand, Health Economics: An International Perspective, Routledge, 2002 (Module1)
5. Musgrove, P., Health Economics in Development, 2004 The World bank. Chapters: 2,3,4,9 and 10 (Modules 1 and 2)
6. Pancharukhi, P. R., Economics of Health: An Introductory Review, ICSSR, 2002 (Modules 1 and 2)
7. World Health Organization A System of Health Accounts, 2011
8. National Health Accounts-India: 2004-05, http://www.whoindia.org/LinkFiles/Health_Finance_National_Health_Accounts_2004-05.pdf

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Economics of Health	Chalk and Talk, AV resources	15
II	Financing Health Care and Delivery of Health Care	Chalk and Talk, AV resources	15
III	Evaluation of Health Care	Chalk and Talk, AV resources	15
IV	Health Approaches in India	Chalk and Talk, AV resources	15

Nomenclature of the Course	Job Training/ Field Project
Class	PAECO208
Semester	MA
Course Code	II
No. of Credits	4
Nature	Practical
Type	Job Training/ Field Project

Guidelines and Evaluation pattern for On Job Training/ Field Project (04 Credit)

Introduction:

Inclusion of On Job Training/ Field Project in the course curriculum of the M.A Programme is one of the ambitious aspect in the programme structure. The main objective of inclusion of On Job Training/ Field Project is to inculcate ability to interpret particular aspect of the study in his/ her own words.

Guidelines for on Job Training

On-the-Job Training/Field Project: Students will be required to undertake a designated project or tasks in an organization or industry relevant to their field of study. The course aims to provide students with practical exposure and hands-on experience in a professional work environment related to their field of study.

Course Objectives:

By the end of the course, students should be able to:

1. Gain exposure to real-world insights and apply theoretical knowledge to practical situations
2. Enhance his skills regarding problem-solving, decision-making, and communication skills.
3. Understand organizational dynamics and work culture.
4. Build industry connections and networking opportunities

Course Duration:

Minimum 20 days / 100 hours of On Job Training with an Organization/ NGO/ Industry/bank/private firm.

- The theme of the internship should be based on any study area of the Major course
- Project Report should be of minimum 50 pages
- Experience Certificate is Mandatory

Report Structure:

The students will be required to submit a comprehensive report at the end of the On-the-Job Training/Field Project. A project report has to be brief in content and must include the following aspects:

- Title Page:
- Certificate of Completion:
- Declaration:
- Acknowledgments:
- Table of Contents:
- Executive Summary:
- Conclusion:
A brief overview of your experience and suggestions to bridge the gap between theory and practice.

Course Outcomes:

1. Apply theoretical knowledge and concepts acquired during the academic program to real-world work scenarios.
2. Develop practical skills and competencies necessary for successful professional engagement.
3. Demonstrate effective problem-solving, decision-making, and critical thinking abilities in a work environment.
4. Adapt to and navigate organizational dynamics and work culture in the chosen industry.
5. Prepare a comprehensive report documenting the training/project experience, findings, and recommendations.

Guidelines for Field Project – 04 Credit

The Field Project for Master of Arts (MA Economics) is designed to provide students with hands-on learning experiences in understanding different socio-economic contexts. The project aims to expose students to development-related issues in both rural and urban settings. It offers opportunities for students to observe and study actual field situations related to socio-economic development, policies, regulations, organizational structures, and programmes that guide the development process. Additionally, students will explore innovative practices to address complex socio-economic problems in the community.

Course Objectives:

By the end of the course, students should be able to:

1. Gain exposure to development-related issues in rural and urban contexts.
2. Analyze and observe actual field situations related to socio-economic development.
3. Understand policies, regulations, organizational structures, and programmes guiding the development process.
4. Identify complex socio-economic problems in the community and propose innovative solutions.

Course Duration: One Semester Minimum 20 days / 100 hours of field project work.

Course Outline:

- Introduction to Field Project (2 weeks)
- Field Visits and Observations (6 weeks)
- Research and Data Collection (4 weeks)
- Understanding Policies and Programmes (3 weeks)
- Identifying Innovative Solutions (4 weeks)

Conclusion:

The Field Project for Master of Arts (MA Economics) provides students with invaluable experiences in understanding socio-economic contexts and development-related issues. Through field visits, research, and innovative thinking, students gain practical insights into addressing complex challenges and contributing to the socio-economic development of communities. The rubrics for evaluation ensure a comprehensive assessment of students' learning and contributions during the project.

- Title Page:
- Certificate of Completion:
- Declaration:
- Acknowledgments:
- Table of Contents:
- Executive Summary:
- Introduction
- Literature Review:

- Methodology:
- Field Visits and Observations:
- **Data Analysis:**
- Understanding Policies and Programmes:
- Identified Socio-Economic Problems:
- Innovative Solutions:
- Conclusion & Recommendations:
- References & Appendices:

The project report based on ‘On Job Training/ Field Project’ shall be prepared as per the broad guidelines given below:

- Font type: Times New Roman
- Font size: 12-For content, 14-for Title
- Line Space: 1.5-for content and 1-for in table work
- Paper Size: A4
- Margin: in Left-1.5, Up-Down-Right-1
- The Project Report shall be bounded.

Format of Research Project

1st Page (Main Page)

Title of the problem of the Project

A Project Submitted

To

R. P. Gogate college of Arts & Science and

R.V. Jogalekar College of Commerce (Autonomous), Ratnagiri

Under

University of Mumbai

For partial completion of the degree

of

Master in Arts

In the subject of Economics

Under the Faculty of Arts

By

Name of Student

Under the Guidance of

Name of the Guiding Teacher

**R. P. Gogate College of Arts & Science and R.V. Jogalekar College of Commerce
(Autonomous), Near District Court, Ratnagiri.**

Academic Year -

On separate page

Declaration by learner

I the undersigned Miss/Mr. _____
[Name of the learner] here by, declare that work embodied in this project work titled _____ forms my own contribution to the research work carried out under the guidance of [Name of the guiding teacher] _____ is a result of my own research work and has not been previously submitted to any other University for any other Degree/ Diploma to this or any other University.

Wherever reference has been made to previous works of others, it has been clearly indicated as such and included in the bibliography.

I, here by further declare that all information of this document has been obtained and presented in accordance with academic rules and ethical conduct.

Name and Signature of the learner

Certified by
Name and signature of the Guiding Teacher

On separate page

Acknowledgment

(Model structure of the acknowledgement)

To list who all have helped me is difficult because they are so numerous and the depth is so enormous.

I would like to acknowledge the following as being idealistic channels and fresh dimensions in the completion of this project.

I take this opportunity to thank the University of Mumbai for giving me chance to do this project.

I would like to thank my Principal, _____for providing the necessary facilities required for completion of this project.

I take this opportunity to thank our Coordinator_____, for his moral support and guidance.

I would also like to express my sincere gratitude towards my project guide _____ whose guidance and care made the project successful.

I would like to thank my College Library, for having provided various reference books and magazines related to my project.

Lastly, I would like to thank each and every person who directly or indirectly helped me in the completion of the project especially my Parents and Peers who supported me throughout my project.

**Feld Project Evaluation Pattern –
Max. Marks - 100**

Project Evaluation :	60 Marks
Project Viva – voce :	40 Marks

Evaluation Pattern - (04 Credit Course) Sem- I & II

A) Continuous Internal Evaluation: Maximum Marks: 40

Method	Marks
Class Test	20
Home assignment, seminar, viva voce, report submission	10
Active class participation and attendance	10
Total	40

B) Semester End Examination: Maximum Marks: 60

Duration: 2 Hours

Marks: 60

Question No. and Sub questions (If any) (E.g. Q. 1 a) ...	Unit and sub unit (with number and title)	Type of Question (Essay / short note / Objective / Diagram, etc.)	Marks
Q.3 Attempt any two of the following. a,b,c	Unit-I	Essay,	15
Q.2 Attempt any two of the following. a, b,c	Unit-II	Essay	15
Q.3 Attempt any two of the following. a, b,c	Unit- III	Essay	15
Q.4 Attempt any two of the following. a, b,c	Unit- III	Essay	15

Evaluation Pattern - (Economics of Tourism - 02 Credit)**A) Continuous Internal Evaluation: Maximum Marks: 20**

Method	Marks
Field Work and report writing : (Any One) a) Visit to MTDC Office (Ratnagiri District) and write a report b) Visit any regional tourism place and write a report.	20
Total	20

B) Semester End Examination: Maximum Marks: 30**Duration: 1 Hour****Marks: 30**

Question No. and Sub questions (If any) (E.g. Q. 1 a) ...	Unit and sub unit (with number and title)	Type of Question (Essay / short note / Objective / Diagram, etc.)	Marks
Q.3 Attempt any one of the following. a, b,c	Unit-I	Essay	10
Q.2 Attempt any one of the following. a, b,c	Unit-II	Essay	10
Q.3 Attempt any one of the following. a,b,c	Unit- III	Essay	10

Evaluation Pattern - (Agri- Tourism - 02 Credit)

A) Continuous Internal Evaluation: Maximum Marks: 20

Method	Marks
Field Work and report writing - Visit any regional agri-tourism center and write a report.	20
Total	20

B) Semester End Examination: Maximum Marks: 30

Duration: 1 Hour

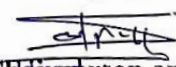
Marks: 30

Question No. and Sub questions (If any) (E.g. Q. 1 a) ...	Unit and sub unit (with number and title)	Type of Question (Essay / short note / Objective / Diagram, etc.)	Marks
Q.3 Attempt any one of the following. a or b	Unit-I	Essay	10
Q.2 Attempt any one of the following. a and b	Unit-II	Essay	10
Q.3 Attempt any one of the following. a and b	Unit- III	Essay	10

Date: 30/4/2024

Place: Ratnagiri

Signature


Chairman and HoD
Dept Of Economics
Gogate- Jogalekar College
Ratnagiri

**R. P. Gogate College of Arts & Science and
R. V. Jogalekar College of Commerce (Autonomous), Ratnagiri
Board of Studies in Economics
Academic Year 2024-25**

PG Courses:

S N	Type of the course	No of Cr	Course Code	Nomenclature	S. N	Type of the course	No of Cr	Course Code	Nomenclature
Semester III					Semester IV				
1	Major : Mandatory	4	PAECO 301	International Economics	1	Major : Mandatory	4	PAECO 401	Money and Banking
2	Major : Mandatory	4	PAECO 302	Economics of Human Development	2	Major : Mandatory	4	PAECO 402	Environmental Economics
3	Major : Mandatory	4	PAECO 303	Economics of Agriculture	3	Major : Mandatory	4	PAECO 403	Economics of Rural Development
4	Major : Mandatory	2	PAECO 304	Computer Application in Economics		Major : Mandatory			
5	Major : Elective (Any One)	4	PAECO 305	Indian Economy	5	Major : Elective (Any One)	4	PAECO 404	Economics of Entrepreneurship
			PAECO 306	OR Econometrics			4	PAECO 405	OR Quantitative Economics
6	RF	4	PAECO 307	Research Project (RP)	6	RP	6	PAECO 406	Research Project (RP)

**Syllabus for Master of Arts in Economics for the year 2024-25
Semester- III**

Nome of the Course	International Economics	
Class	MA	
Semester	III	
Course Code	PAECO301	
No. of Credits	04	
Nature	Theory	
Type	Major (Mandatory / Elective)	
Course Outcomes:		
At the end of the Course, the Learner will be able to CO1- Understand the flow of international trade. CO2- Awareness on varied trade policies.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Classical and Neoclassical Theories of Trade	1.1 Brief review of absolute and comparative advantage of trade 1.2 real and opportunity cost approaches 1.3 terms of trade, reciprocal demand and offer curves 1.4 The Heckscher – Ohlin (H-O) Theory 1.5 Factor Price Equalization Theorem 1.6 Leontief’s paradox, 1.7 Rybczynski Theorem Product cycle theory and technological gap theory
II	Modern Trade Theory	2.1 Concept of intra industry trade 2.2 Imperfect competition and trade 2.3 The Neo Heckscher – Ohlin models: Favley model 2.4 Neo Chamberlinians model: Krugman model 2.5 Oligopolistic models: Brander– Krugman model, reciprocal dumping model, 2.6 Iceberg model 2.7 Gravity equation.
III	Trade Policy	3.1 Instruments of trade policy: Tariffs and welfare 3.2 Optimum tariff 3.3 Tariff and real rewards to factors of production 3.4 The Stopler–Samuelson Theorem 3.5 Metzler’s paradox 3.6 Theory of Customs union 3.7 Quotas and export subsidies 3.8 Gains from trade 3.9 Trade and growth
IV	Contemporary	4.1 Regionalism and Multilateralism in the context of WTO 4.2 Critical Evaluation of the Role played by WTO

	Regional Trading and WTO	4.3 Overview of regional trading arrangement: SAARC, SAFTA, ASEAN, European Union, NAFTA.	
Prescribed Text/s (If any):			
Other Learning Resources recommended:			
<ol style="list-style-type: none"> 1. Grimwade Nigel, International Trade (Second Ed), Routledge, London 2001 2. Grubel H.G. and P.J. Lloyd, Intra-Industry Trade, Macmillan, London, 1975 3. Haberler G. A Survey of International Trade Theory, International Finance Section, Department of economics, Princeton University, 1961 4. Krugman P.R. and –M. Obstfeld, International Economics Theory and Policy, Addison- Wesley, Delhi, 2000 5. Salvatore D., International Economics, John Wiley and Sons, Singapore 2002 6. Sodersten Bo and R. Geoffrey, International Economics, Macmillan, London, 1994 			
Teaching Plan:			
Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Classical and Neoclassical Theories of Trade	Chalk and Talk, AV resources	15
II	Modern Trade Theory	Chalk and Talk, AV resources	15
III	Trade Policy	Chalk and Talk, AV resources	15
IV	Contemporary Regional Trading and WTO	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Human Development	
Class	M.A.	
Semester	III	
Course Code	PAECO302	
No. of Credits	04	
Nature	Theory/ Practical/ Project/ other (please specify)	
Type	Choose from these types Major (Mandatory / Elective) Core (Non NEP), Major (Mandatory / Elective) / Minor SEC / VSC / OE / AEC / VEC / RM	
Course Outcomes:		
At the end of the Course, the Learner will be able to CO1- Awareness on the concepts and dimensions of Human Development. CO2- Enable to understand the relevance of Human Development Indices.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Concepts of Human Development	1.1 Comparison of growth & development 1.2 Perspectives on development 1.3 Human development basic needs v/s quality of life approach 1.4 Capability approach 1.1 Millennium Development Goals v/s Sustainable Development Goals.
II	Dimensions of Human Development	2.1 Empowerment, equity, sustainability, security 2.2 Productivity and participation: role of freedom in promoting human development. 2.3 Multi- dimensionality of poverty: concept of inclusive growth and obstacles to achieve it 2.4 Government policy to promote human development with respect 1.1 to education and health care.
III	Human Development Indices	3.1 Need for Indices, GDP, and Physical quality of life index (PQLI) 3.2 Disability Adjusted Life Years (DALY) 3.3 Social Capability Index 3.4 Human Development Index, 3.5 Human Poverty Index 3.6 Gender Related Development Index (GDI) 3.7 Gender Empowerment Measure comparative analysis for the past three years.
IV	Aspects of Human Development	4.1 Livelihood, Inequality, Gender 4.2 Child Labour 4.3 Aging Population, 4.4 Poverty Alleviation 4.5 Food Security, Environment 4.5 Displacement and Migration

		4.6 Education and Health 4.7 Workers in informal Sector 4.8 Need for Social Security- Role Conflict between ILO and WTO 4.9 Concept of Human Security.
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Prescribed Text/s (If any):

Other Learning Resources recommended:

1. Chelliah Raja J. and R. Sudarshan (ed), Income Poverty and Beyond: Human Development in India, UNDP, Social Science Press, New Delhi 1999.
2. Comim F.M. Qizilbash and S. Alkire (eds), The Capability Approach: Concepts, Measures and Applications, Cambridge Uni. Press, Cambridge, 2007.
3. Dev S. Mahendra, P. Antony, V. Gayathri and R.P. Mamgain, Social Economic Security in India, Institute for Human Development, New Delhi 2001
4. International Labour Organization, A Fair Globalization: Creating Opportunities for All, World Commission on the Social Dimension of Globalization, Geneva, 2004.
5. United Nations Development Programme (UNDP) : Human Development Reports
6. UNDP – India, State Human Development Reports

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Concepts of Human Development	Chalk and Talk, AV resources	15
II	Dimensions of Human Development	Chalk and Talk, AV resources	15
III	Human Development Indices	Chalk and Talk, AV resources	15
IV	Aspects of Human Development	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Agriculture
Class	M.A.
Semester	III
Course Code	PAECO303
No. of Credits	04
Nature	Theory
Type	Major (Mandatory / Elective)

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Enhances Knowledge on the process of development of agriculture in an emerging economy.

CO2- It throws light on the role and the policies as well as the competitiveness of the agricultural sector.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction: Nature and Scope of Agriculture	1.1 Nature and Scope of Agriculture Economics 1.2 Role of Agriculture in Economic Development 1.3 Crop Pattern in India 1.4 Agricultural Productivity 1.5 Causes for Low Agricultural Productivity -Remedial Measures 1.2 1.6 Risk and Uncertainty in Agriculture
II	Changing Perspective in Agriculture	2.1 Changing Perspective in Indian Agriculture 2.2 Management of Integrated Farming 2.3 Organic Farming- Contract Farming 2.4 Argo Process Industries: Scope, Problems and Measures 2.5 Water Management: Efficiency and Irrigation Tools 2.6 Water Sources for Irrigation and Challenges
III	Agriculture Extension and Developments	3.1 Mission on Agricultural Extension (SMAE) 3.2 Support to State Extension Programmes for Extension Reforms Scheme(ATMA Scheme) 3.3 Use of ICT, Mass Media Support to Agricultural Extension 3.4 Natural Resource Management 3.5 Agricultural Innovations and Mechanization 3.6 New Methods of Cultivation 3.7 Agro Tourism and Policy Measures.
IV	Agriculture Trade Policy, Promotion and Logistics Development	4.1 India's Agriculture foreign Trade 4.2 Foreign Direct Investment (FDI) Policy in the Agriculture Sector 4.3 Export Promotion Forum (EPF) 4.4 Food & Agriculture Organization (FAO) 4.5 International Fund for Agricultural Development (IFAD)

		4.6 Agriculture infrastructural development program and its evaluation 4.7 Agri-logistics in India: Challenges and Emerging Solutions
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Prescribed Text/s (If any):

Other Learning Resources recommended:

1. B. D. Dhawan, Indian Water Resource Development for Irrigation: Issues, Critics, Reviews.
2. Ashok K. Mitra, Irrigation Reforms EPW Vol. XXXII No. 13, March 29, 1997.
3. Mellor John W., the Economics of Agricultural Development, Cornell University Press, New York.
4. M. L. Dantwala et al, Indian Agricultural Development since Independence: A Collection of Essays, Oxford and IBH Publishing Company, New Delhi.
5. S. Narayan, Organic Farming in India: Relevance, Problems and Constraints, NABARD Occasional Paper 38.
6. Annual Report 2020-21, Department of Agriculture, Cooperation & Farmers' Welfare Ministry of Agriculture & Farmers' Welfare Government of India Krishi Bhawan, New Delhi-110 001

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction: Nature and Scope of Agriculture	Chalk and Talk, AV resources	15
II	Changing Perspective in Agriculture	Chalk and Talk, AV resources	15
III	Agriculture Extension and Developments	Chalk and Talk, AV resources	15
IV	Agriculture Trade Policy, Promotion and Logistics Development	Chalk and Talk, AV resources	15

Nome of the Course	Computer Application in Economics
Class	M.A.
Semester	III
Course Code	PAECO304
No. of Credits	02
Nature	Theory/Practical
Type	Major (Mandatory / Elective)

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Acquire the basic knowledge of Computer and Data Information.

CO2-Enable the learners to acquaint the soft wares like Excel and SPSS which are essential for research.

CO3-Make the learners more able to handle real data with confidence by applying Econometric methods of analysis to new circumstances.

CO4- develop the skills of using more scientific tools based on computers for economic analysis, research and forecasting.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Text Processing,	1.1 Introduction to Text Processing- 1.2 Word Processor: Meaning, Uses and Advantages; 1.3 Popular Word Processing Packages; 1.4 Features of MS-Word: Getting Started, Creating and Saving a document, Editing, Page Setting and Formatting the text and Printing the Document.
	Spreadsheet Software and Internet	2.1 Spreadsheet Software: Meaning, Advantages and application areas; 2.2 Features of MS-Excel: Entering Information; saving workbooks, Commands like creating deleting and copying rows and columns, Create store 2.3 SPSS: Data Entry, Define variable, Frequency Distribution, Cross tabulation
II	Descriptive Statistics	3.1 Central Tendency: Meaning, concept and objectives 3.2 Measures of Central Tendency: Arithmetic Mean, Median, Mode, Geometric Mean and Harmonic Mean 3.3 Growth Rates: Simple Growth Rate and Compound Growth Rate 3.4 Diagrammatic Presentation of Data: Line Graph, Bar Diagram, Frequency and Polygon, Histogram, Pie Chart, and Ogive Curve

Prescribed Text/s (If any):**Other Learning Resources recommended:**

1. Dhanasekaran. K (2013) Computer applications in Economics, Vrinda Publications Pvt. Ltd.
2. Elhance, D. N. (1962), Fundamentals of Statistics, KitabMahal, Allahabad.
3. Gupta, S. C. (1981), Fundamentals of Statistics, Himalaya Publishing House, Bombay.
4. N. M. Downie and R. W. Heath (1970), Basic Statistical Methods, Harper and Row, New York.
5. Rajaram,V, (1996), Fundamentals of Computers, Prentice Hall of India, New Delhi.
6. Sanders, D. H. (1988), Computer Today, McGraw Hill, New York.
7. Sinha, P. K. (1992), Computer Fundamentals, BPB Publications, New Delhi.
8. Yamane, Taro (1973), Statistics, An Introductory Analysis, Harper and Row (India) and John Weatherhill Inc., Tokyo

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures / Practical
I	Text Processing,	Talk, chalk and Practical	Lectures -5 Practical -5
II	Spreadsheet Software and Internet	Talk, chalk and Practical	Lectures -5 Practical -5
III	Descriptive Statistics	Talk, chalk and Practical	Lectures -5 Practical -5
Total			30

Nome of the Course	Indian Economy
Class	M.A.
Semester	III
Course Code	PAECO305
No. of Credits	04
Nature	Theory
Type	Major (Mandatory / Elective)

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Know the introductory part of Indian Economy.

CO2- Assess the infrastructure and Human Development of India.

CO3 –Analyse the industry and FDI in India

CO4- Examine the agricultural sector in India.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction of Indian Economy	1.1 Features and Characteristics of the Indian Economy 1.2 Trends and Structure 1.3 Demographic features 1.4 National income trend since in 1991 1.5 d Structural Change in the Indian Economy 1.6 Poverty, inequality and policy implications.
II	Infrastructure and Human Development	2.1 Energy; Conventional and Non-Conventional energy development in India 2.2 Energy policy 2.3 Social infrastructural developments- Education and Health 2.4 Recent debates on Human Development in India; Concept and Measurement.
III	Industry and FDI	3.1 Industrial Profile of India - Private Sector, Large, Medium and Small Scale Industries, Village Industries, 3.2 Role and Problems of Public Sector Industries 3.3 Small-scale and cottage industries in India 3.4 SMEs in India. 3.5 Recent trends in Industrial growth. 3.5 Industrial sickness, Exit policy 3.6 Role of BIFR 3.7 Impact of Globalization: Trends and pattern of FDI in India 3.8 Export and import component of Indian industrial sector 3.11 Industrial Combinations; Causes, Mergers & Amalgamations.
IV	Agricultural Sector	4.1 Agricultural Production and Productivity issues 4.2 land reforms in India 4.3 technological change in agriculture 4.5 agricultural Price policy 4.6 Terms of trade between agriculture and industry

		4.7 Agricultural finance policy 4.8 Agricultural Marketing and Warehousing 4.9 Issues in food security 4.10 Policies for sustainable agriculture.
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Prescribed Text/s (If any):

Other Learning Resources recommended:

- 1 Agarawal A.N. (2006): Indian Economy: Problems of Development and Planning, A Division of New Age International (P): Limited, New Delhi.
- 2 Bawa, R.S. and P.S. Raikhy (Ed.) (1997), Structural Changes in Indian Economy, Guru Nanak Dev. University Press, Amritsar.
- 3 Brahmananda, PR. And V.R. Panchmukhi (Eds.) (2001), Development Experience in the Indian Economy: Inter-state Perspectives, Book well, Delhi.
- 4 Dutt R and KPM Sundharam (2002): Indian Economy: S. Chand New Delhi.
- 5 Misra S.K. and V.K. Puri, (2020): Indian Economy, Himalaya, Publishing house, Mumbai.
- 6 Uma Kapila (2019): Indian Economy-Since Independence-17th Edition, Academic Foundation.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Characteristics of Indian Economy	Chalk and Talk, AV resources	15
II	Infrastructure and Human Development	Chalk and Talk, AV resources	15
III	Industry and FDI	Chalk and Talk, AV resources	15
IV	The Agricultural Sector	Chalk and Talk, AV resources	15

Syllabus for Master of Arts in Economics for the year 2024-25

Semester- IV

Nome of the Course	Money and Banking	
Class	M.A.	
Semester	IV	
Course Code	PAECO401	
No. of Credits	04	
Nature	Theory	
Type	Major (Mandatory / Elective)	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1-Understand the role and functions of money in the economy.		
CO2- Analyze the structure and operations of banking systems, including both traditional banks and non-bank financial institutions.		
CO-3 Evaluate the historical evolution and functions of commercial banks, as well as the role of central banking systems.		
CO-4 Assess the significance of development banking and reforms in shaping the modern banking sector.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Money	1.1 Introduction, Definition, function and Evolution of Money 1.2 Nature and Significance of Money 1.3 Kinds of Money 1.4 Monetary Standards 1.5 The 'H' Theory of Money Supply. Crypto currency: Mining and Futures
II	Banking System and Theory of Banks and Non-Banks	2.1 Group Banking and Chain Banking, Unit Banking, Mixed Banking and Correspondent Banking - Advantages and Disadvantages. 2.2 Banking in United Kingdom: Origin, Banking System and Structure, Bank of England and Evolution of Central Banking, Structure, Management and Functions of Bank of England. 2.3 Banking in United States of America: Introduction, Commercial Banking in USA, Federal Reserve System, Other Financial institutions , Credit Control Devices, 2.4 E.S.Shaw, Gurley - Shaw Thesis of Non-Bank Financial Institutions (NBFIs).
III	Development of Commercial Banks and the Central Banking	3.1 Introduction of Commercial Banks 3.2 Evolution of Modern Banking System 3.3 Structure of Commercial Banking System, Importance, Functions, Process of Credit Creation.

	System	3.4 Central Banking System: Definition, Changing Concepts of Central Banking, 3.5 Objectives and Measures of Central Banks , Functions of Central Bank 3.6 Role of Central Banks in Developing Countries: Regulatory and Promotional Role 3.7 State Ownership of Central Bank
IV	Development Banking and Banking Sector Reforms	4.1 Structure of Banking System in India 4.2 Introduction of Development Banking - Development Finance Institutions 4.3 Non-Bank Financial Institutions (NBFIs) 4.4 Banking Sector Reforms 4.5 Brief review of Banking Legislation 4.6 Narasimham Committee Reports 4.7 Post Reform Scenario-Basel norms I, II and III

Prescribed Text/s (If any):

Other Learning Resources recommended:

1. Basu A.K, (1967), Fundamentals of Banking Theory and Practice, Fourth Edition, Mukerji, Calcutta.
2. Bedi H.L and Hardikar, (2001) Practical Banking Advances, UBS Publishers, 10th edn. New Delhi.
3. Desai Vasant (2017), Development Banking and Financial Intermediaries, Himalaya Publishing House, Mumbai
4. M. Y. Khan (2011), Indian Financial System, Tata McGraw Hill, 7th edition, New Delhi.
5. Mithani and Gordon, (2016), Banking Theory and Practice, Himalaya Publishing House, Mumbai.
6. Srivastava P K. (2020), Banking Theory and Practice, Himalaya Publishing House, Mumbai.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Money	Chalk and Talk, AV resources	15
II	Banking System and Theory of Banks and Non-Banks	Chalk and Talk, AV resources	15
III	Development of Commercial Banks and the Central Banking System	Chalk and Talk, AV resources	15
IV	Development Banking and Banking Sector Reforms	Chalk and Talk, AV resources	15

Nome of the Course	Environmental Economics	
Class	M.A.	
Semester	IV	
Course Code	PAECO402	
No. of Credits	04	
Nature	Theory	
Type	Major (Mandatory / Elective)	
Course Outcomes:		
At the end of the Course, the Learner will be able to CO1- understand the conceptual framework of environmental economics. CO2- It equips students to solve issues related to the environmental field. CO3- It empower students to handle Environmental sustainability projects.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Environmental Economics	1.1 Types of goods and services- public, private and common pool resources 1.2 externalities and market failure 1.3 Pollution as a Public Bad 1.4 The equi-marginal principle 1.5 Economic efficiency versus equity 1.6 Damage functions and abatement costs Coase Theorem
II	Environmental impact assessment	2.1 Valuation of Natural Resources 2.2 Direct and Indirect Methods 2.3 Environmental impact assessment 2.4 Regional, National and Supranational dimensions of environmental degradation 2.5 Global Externalities and Climate Change.
III	Economic Growth and the Environment	3.1 Limits to growth and Sustainable Development 3.2 Economic Growth and environment 3.3 Environmental Kuznets Curve 3.4 Environment as an economic and social good/asset Natural Resource (Exhaustible, renewable, common property resources) 3.5 Green Accounting.
IV	Environmental Policy and Practices	4.1 Approaches to environmental policy- Command and control, Environmental Standards, Technology Mandates, 4.2 Market based instruments - Taxes, subsidies, liability instruments tradable permits; 4.3 Kyoto Protocol 4.5 Rio debate- Relevant Case Studies
Prescribed Text/s (If any):		

Other Learning Resources recommended:

1. Dixon, J. A., and M. M. Hufschmidt, eds. (1986): Economic valuation techniques for the environment: A case study workbook. Baltimore: Johns Hopkin University.
2. Field B.C. (1997): Environmental Economics- An Introduction, McGraw-Hill International Edition, Singapore.
3. Hodge Ian (1995): Environmental Economics, MacMillan Press Ltd., London.
4. Jeroen C.J.M. van den Bergh (2002): Handbook of Environmental and Resource Economics, Edward Elgar Publishing.
5. Jinhua Zhao and Tony Fisher: Notes on Irreversibility, Sustainability and the Limits to Growth, <http://econpapers.repec.org/paper/isugenres/default22.htm>
6. Kolstad Charles (2006): Environmental Economics, Oxford University Press, USA.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Environmental Economics	Chalk and Talk, AV resources	15
II	Environmental impact assessment	Chalk and Talk, AV resources	15
III	Economic Growth and the Environment	Chalk and Talk, AV resources	15
IV	Environmental Policy and Practices	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Rural Development
Class	M.A.
Semester	IV
Course Code	PAECO403
No. of Credits	04
Nature	Theory
Type	Major (Mandatory / Elective)

Course Outcomes:

At the end of the Course, the Learner will be able to

CO1- Acquire knowledge of the introductory aspects of rural development.

CO2- Examine the approaches to rural development.

CO3-Analyse the diversification of rural economy.

CO4 – Assess the rural empowerment programmes have initiated by the government to overcome the problems of rural development.

Syllabus:

Unit No.	Unit Title	Sub titles (Learning Points)
I	Rural Development: Introductory Aspects	1.1 Concept, Nature and Scope of Rural Development 1.2 Charactersties of the Rural Economy 1.3 Objectives and Importance of Rural Development The problems of Rural Development in India
II	Approaches to Rural Development	2.1 Gandhian Approach 2.2 Rural Reconstruction Approach 2.3 Community Development Approach 2.4 Sectoral Approach, Participatory Approach 2.5 Area- Specific and Target Group Oriented Approach 2.6 Integrated Rural Development and Economic Development with Social Justice Approach
III	Diversification of Rural Economy	3.1 Livestock economics 3.2 Dairy Development 3.3 Social Forestry 3.4 Agro-Based Industries: Problems & Remedial Measures 3.5 Role of KVIC in Rural Development 3.6 Recent Development of Science & Technology in Rural Development.
IV	Rural Empowerment Programmes	4.1 An Overview of Rural Development Programmes: Provisions of Urban Amenities in Rural Area (PURA), Rural Employment: Mahatma Gandhi National Rural Employment Guarantee Act-2005 (MGNREGA) 4.2 Rural Livelihoods: Deendayal Antyodaya Yojana - National Rural Livelihoods Mission (DAY-NRLM) 4.3 National Social Assistance Programme (NSAP), Microfinance and Self-help Groups

Prescribed Text/s (If any):

Other Learning Resources recommended:

1. Thomas William and A.J. Christopher (2011), Rural Development: Concept and Recent Approaches, Rawat Publication, Jaipur.
2. Annual Report 2019-20, 2018-19 & State performance report-2018-19 and Action plan 2019-20, Volume-I, Ministry of Rural Development, Department of Animal Husbandary & Dairying, Government of India, New Delhi.
3. Datt & Sundharam (2012), Indian Economy, S. Chand & Company LTD. Mumbai.
4. Desai Vasant (2012), Rural Development in India, Himalaya Publishing House, Mumbai.
5. Dr. I. Satya Sundaram (2002), Rural Development, Himalaya Publishing House, Mumbai. Page No. 3 to 24
6. Eleventh Five Year Plan 2007-12, Planning Commission, Government of India, New Delhi

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Rural Development: Introductory Aspects	Chalk and Talk, AV resources	15
II	Approaches to Rural Development	Chalk and Talk, AV resources	15
III	Diversification of Rural Economy	Chalk and Talk, AV resources	15
IV	Rural Empowerment Programmes	Chalk and Talk, AV resources	15

Nome of the Course	Economics of Entrepreneurship	
Class	M.A.	
Semester	IV	
Course Code	PAECO404	
No. of Credits	04	
Nature	Theory	
Type	Major (Mandatory / Elective)	
Course Outcomes:		
At the end of the Course, the Learner will be able to CO1- Acquire knowledge about entrepreneurship. CO2- Analyse the business plan and project management. CO3- Examine the institutional support to entrepreneurs. CO4- Evaluate the recent trends in entrepreneurship and setting up small enterprises.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Introduction to Entrepreneur	1.1 Definitions and Characteristics of an Entrepreneur 1.2 Nature and Importance of Entrepreneurship 1.3 Functions of an Entrepreneur 1.4 Types of Entrepreneurs 1.5 Entrepreneur and Economic Development Factor influences on Entrepreneurship Development
II	Business Plan and Project Management	2.1 Meaning and concept of business plan 2.2 Key elements of business plan 2.3 Project identification, Sources of Finance for the Project 2.4 Project selection, Formulation of Project Report (specimen) 2.5 Project appraisal.
III	Institutional Support to Entrepreneurs	3.1 Institutional support to Entrepreneurship Role of Directorate of Industries 3.2 District Industries Centers (DICs) 3.3 Industrial Development Corporation (IDC) 3.4 State Financial corporation (SFCs) 3.5 Small Scale Industries Development Corporations (SSIDCs) 3.6 Khadi and village Industries Commission (KVIC) 3.7 National Small Industries Corporation (NSIC) 3.8 Small Industries Development Bank of India (SIDBI)
IV	Recent Trends in Entrepreneurship and Setting up Small Enterprises	4.1 Recent Trends and Concepts in Entrepreneurship: Start up, Stand up, Skill India, Make in India 4.2 Definition, Importance, Problems of MSME and Remedies, Government Policy and Support 4.3 Formation of Small Enterprises- Location, Clearances, Permits required, Formalities, Licensing and Registration Procedure.
Prescribed Text/s (If any):		

Other Learning Resources recommended:

1. Khanka C.S., Entrepreneurial Development, S. Chand and Company
2. Gupta C.B. , Entrepreneurial Development, S. Chand and Company
3. Sarvate Dilip, Entrepreneurial Development, Concepts and Practices, Everest Prakashans.
4. Rathore B.S., Entrepreneurial Opportunities in Modernizing Economy, Abhishek Publications.
5. Desai Vasant, Dynamics of Entrepreneurial Development and Management, Himalaya Publications.
6. Lall Madhumira and SahaiShikha, Entrepreneurship, Excel Books
7. Bhandari Ramesh, Entrepreneurship and Women in Empowerment, Alfa Publications.
8. Seth Amita, Entrepreneurship and E Business Development for Women, ALB Books
9. G.Barani, Performance of Women Entrepreneurs, Serials Publications New Delhi
10. Singh P.N. and Saboo J.C., Entrepreneurship Management, P.N.Singh Centre
11. Tiwari Sanjay and Tiwari Anushija, Entrepreneurship Development in India, Swarup and Sons.

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Introduction to Entrepreneur	Chalk and Talk, AV resources	15
II	Business Plan and Project Management	Chalk and Talk, AV resources	15
III	Institutional Support to Entrepreneurs	Chalk and Talk, AV resources	15
IV	Recent Trends in Entrepreneurship and Setting up Small Enterprises	Chalk and Talk, AV resources	15

Nome of the Course	Quantitative Economics	
Class	M.A.	
Semester	IV	
Course Code	PAECO405	
No. of Credits	04	
Nature	Theory	
Type	Major (Mandatory / Elective)	
Course Outcomes:		
At the end of the Course, the Learner will be able to		
CO1- Apply mathematical techniques to solve complex economic problems.		
CO2- Analysis the differential and integral calculus.		
CO3- Examine the matrices and determinants.		
CO4- Evaluate the difference equations.		
CO5 – Analyse the Linear Programming.		
Syllabus:		
Unit No.	Unit Title	Sub titles (Learning Points)
I	Differential and integral calculus	1.1 Derivative of a function: addition, multiplication and Chain rule 1.2 Second and Higher Order Differentiation 1.3 Concavity and convexity of functions Simple rules of indefinite integration, and definite integration and their applications.
II	Matrices and Determinants	2.1 Matrices: Inverse of a matrix– Solution of simultaneous equations using matrices (Cramer’s Rule) Transpose, Trace, Adjoint and Inverse of Matrix 2.2 Determinants: Types and Properties, 2.3 Rank of a Matrix, Application of Matrices in Economics: Input-Output Analysis 2.4 Hawkins-Simon Conditions
III	Difference Equations	3.1 Solving first-order difference equations – Application of first-order difference equations to financial problems 3.2 The cobweb model 3.3 Second-order difference equations 3.4 economic applications o f second 3.5 order difference equations – Applications of difference equations 3.6 Growth models and lagged market equilibrium mode
IV	Linear Programming	4.1 Basic concept, formulation of a linear programming problem Its structure and variables 4.2 Nature of feasible, basic and optimal solution

		<p>4.3 Solution of linear programming through graphical and simplex method</p> <p>4.4 Statement of basic theorems of linear programming</p> <p>4.5 Formulation of the dual of a programme and its interpretation</p> <p>4.6 Shadow prices and their uses.</p>
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Prescribed Text/s (If any):

Other Learning Resources recommended:

1. Chiang A. C.: Fundamental Methods of Mathematical Economics, 3rd edition, McGraw-Hill, 1984.
2. Dowling Edward T: Introduction to Mathematical Economics, Schaum's Outline Series in Economics, Tata McGraw -Hill, New Delhi, 2004.
3. Lerner Joel J and P. Zima: Theory and Problems of Business Mathematics, McGraw Hill, New York, 1986.
4. Mehta and Madnani: Mathematics for Economists, Sultan Chand & Sons, 2013.
5. Soni R S: Essential Business Mathematics & Business Statistics, Ane Books Pvt. Ltd, 2009.
6. Handry, A.T. (1999), Operations Research, PHI, New Delhi

Teaching Plan:

Unit No.	Unit Title	Teaching Methods	No. of Lectures
I	Differential and integral calculus	Chalk and Talk, AV resources	15
II	Matrices and Determinants	Chalk and Talk, AV resources	15
III	Difference Equations	Chalk and Talk, AV resources	15
IV	Linear Programming	Chalk and Talk, AV resources	15

Nome of the Course	Research Project
Class	M.A.
Semester	IV
Course Code	PAECO406
No. of Credits	06
Nature	Practical
Type	Research Project

Guidelines and Evaluation pattern for Research Project - 4 & 6 Credits

Introduction:

Inclusion of Research Project in the course curriculum of the M.A Programme is one of the ambitious aspect in the programme structure. The main objective of inclusion of Research Project is to inculcate ability to interpret particular aspect of the study in his/ her own words.

Research Project Report Structure:

The students will be required to submit a comprehensive report at the end of the On-the-Job Training/Field Project. A project report has to be brief in content and must include the following aspects:

- Title Page:
- Certificate of Completion:
- Declaration:
- Acknowledgments:
- Table of Contents:
- Executive Summary:
- Conclusion:

A brief overview of your experience and suggestions to bridge the gap between theory and practice.

Course Outcomes:

6. Apply theoretical knowledge and concepts acquired during the academic program to real-world work scenarios.
7. Develop practical skills and competencies necessary for successful professional engagement.
8. Demonstrate effective problem-solving, decision-making, and critical thinking abilities in a work environment.
9. Adapt to and navigate organizational dynamics and work culture in the chosen industry.
10. Prepare a comprehensive report documenting the training/project experience, findings, and recommendations.

Guidelines for Research Project:

The Research Project for Master of Arts (MA Economics) is designed to provide students with hands-on learning experiences in understanding different socio-economic contexts. The project aims to expose students to development-related issues in both rural and urban settings. It offers opportunities for students to observe and study actual field situations related to socio-economic development, policies, regulations, organizational structures, and programmes that guide the development process. Additionally, students will explore innovative practices to address complex socio-economic problems in the community.

Course Objectives:

By the end of the course, students should be able to:

5. Gain exposure to development-related issues in rural and urban contexts.
6. Analyze and observe actual field situations related to socio-economic development.
7. Understand policies, regulations, organizational structures, and programmes guiding the development process.
8. Identify complex socio-economic problems in the community and propose innovative solutions.

Course Duration: One Semester Minimum 20 days / 100 hours of field project work.

Course Outline:

- Introduction to Field Project (2 weeks)
- Field Visits and Observations (6 weeks)
- Research and Data Collection (4 weeks)
- Understanding Policies and Programmes (3 weeks)
- Identifying Innovative Solutions (4 weeks)

Conclusion:

The Research Project for Master of Arts (MA Economics) provides students with invaluable experiences in understanding socio-economic contexts and development-related issues. Through field visits, research, and innovative thinking, students gain practical insights into addressing complex challenges and contributing to the socio-economic development of communities.

- Title Page:
- Certificate of Completion:
- Declaration:
- Acknowledgments:
- Table of Contents:
- Executive Summary:
- Introduction
- Literature Review:
- Methodology:
- Field Visits and Observations:

Data Analysis:

- Understanding Policies and Programmes:
- Identified Socio-Economic Problems:
- Innovative Solutions:

- Conclusion & Recommendations:
- References & Appendices:

The project report based on ‘**Research Project Report**’ shall be prepared as per the broad guidelines given below:

- Font type: Times New Roman
- Font size: 12-For content, 14-for Title
- Line Space: 1.5-for content and 1-for in table work
- Paper Size: A4
- Margin: in Left-1.5, Up-Down-Right-1
- The Project Report shall be bounded.

Research Project Evaluation Pattern – (4 & 6 Credit)

Max. Marks - 100

Project Evaluation :	Project Guide	60 Marks
Project Viva – voce :	External Referee	40 Marks

Format of Research Project

1st Page (Main Page)

Title of the problem of the Project

A Project Submitted

To

R. P. Gogate college of Arts & Science and

R.V. Jogalekar College of Commerce (Autonomous), Ratnagiri

Under

University of Mumbai

For partial completion of the degree

of

Master in Arts

In the subject of Economics

Under the Faculty of Arts

By

Name of Student

Under the Guidance of

Name of the Guiding Teacher

**R. P. Gogate College of Arts & Science and R.V. Jogalekar College of Commerce
(Autonomous),**

Near District Court, Ratnagiri.

Academic Year -

On separate page

Declaration by learner

I the undersigned Miss/Mr. _____
[Name of the learner] here by, declare that work embodied in this project work titled _____ forms my own contribution to the research work carried out under the guidance of [Name of the guiding teacher] _____ is a result of my own research work and has not been previously submitted to any other University for any other Degree/ Diploma to this or any other University.

Wherever reference has been made to previous works of others, it has been clearly indicated as such and included in the bibliography.

I, here by further declare that all information of this document has been obtained and presented in accordance with academic rules and ethical conduct.

Name and Signature of the learner

Certified by
Name and signature of the Guiding Teacher

On separate page

Acknowledgment

(Model structure of the acknowledgement)

To list who all have helped me is difficult because they are so numerous and the depth is so enormous.

I would like to acknowledge the following as being idealistic channels and fresh dimensions in the completion of this project.

I take this opportunity to thank the University of Mumbai for giving me chance to do this project.

I would like to thank my Principal, _____for providing the necessary facilities required for completion of this project.

I take this opportunity to thank our Coordinator_____, for his moral support and guidance.

I would also like to express my sincere gratitude towards my project guide _____ whose guidance and care made the project successful.

I would like to thank my College Library, for having provided various reference books and magazines related to my project.

Lastly, I would like to thank each and every person who directly or indirectly helped me in the completion of the project especially my Parents and Peers who supported me throughout my project.

Evaluation Pattern - (04 Credit Course) - Sem- III & IV

A) Continuous Internal Evaluation: Maximum Marks: 40

Method	Marks
Class Test	20
Home assignment, seminar, viva voce, report submission	10
Active class participation and attendance	10
Total	40

B) Semester End Examination: Maximum Marks: 60

Duration: 2 Hours

Marks: 60

Question No. and Sub questions (If any) (E.g. Q. 1 a) ...	Unit and sub unit (with number and title)	Type of Question (Essay / short note / Objective / Diagram, etc.)	Marks
Q.3 Attempt any two of the following. a,b,c	Unit-I	Essay,	15
Q.2 Attempt any two of the following. a, b,c	Unit-II	Essay	15
Q.3 Attempt any two of the following. a, b,c	Unit- III	Essay	15
Q.4 Attempt any two of the following. a, b,c	Unit- III	Essay	15

Evaluation Pattern – (2 Credit -Computer Application in Economics)

A) Continuous Internal Evaluation: Maximum Marks: 20

Method	Marks
Practical Work and journal submission	20
Total	20

B) Semester End Examination: Maximum Marks: 30

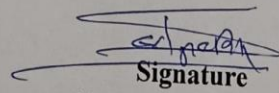
Duration: 1 Hour

Marks: 30

Question No. and Sub questions (If any) (E.g. Q. 1 a) ...	Unit and sub unit (with number and title)	Type of Question (Essay / short note / Objective / Diagram, etc.)	Marks
Q.3 Attempt any one of the following. a or b	Unit-I	Essay	10
Q.2 Attempt any one of the following. a or b	Unit-II	Essay	10
Q.3 Attempt any one of the following. a or b	Unit- III	Essay	10

Date: 30/4/2024

Place: Ratnagiri


Signature

Head
Chairperson and HoD
Dept Of Economics
Gogate- Jogalekar College
Ratnagiri