



R.E.Society's

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

***Syllabus for First Year Master of Arts
Programme***

***Program: M.A.
Course: Economics
Semester I & II***

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

***To be implemented from Academic Year-
2023-2024***

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	2023-24
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.

	<ol style="list-style-type: none">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 governments' initiatives/schemes to the rural areas for the upliftments of the poor or vulnerable section of the society for inclusive growth.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
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Pattern of Assessment

The performance of the learners shall be evaluated into two parts. The learner's performance shall be assessed by Internal Assessment with 40% marks in the first part and by conducting the Semester End Examinations with 60% marks in the second part. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below-

A) Internal Assessment: 40 %

Sr. No	Evaluation Method	Description	Marks
1	Class Test	MCQs Test/ Open Book Exam/ Short Answer Question/ Long Answer Questions	20
2	Written Submission	Home Assignment/ Field Report/ Project Report/Article or Research Paper/ Book Review	10
3	Presentation	Viva - Voce / Interview/ Seminar/ Poster Presentation / Presentation (Individual ,Group) Debates/ Group Discussion	05
4	Classroom performance	Attendance, Active Participation in various departmental activity	05
Total Marks:			40

B) Semester End Examination: 60%

Question Paper Pattern

Duration: 2 hours'

Marks: 60

1. All questions shall be compulsory with internal options.
2. There shall be four questions each of 15 marks.

Unit No.	Question No	Particular	Marks
Unit I	Que.1	Attempt Any two of the following. a) b) c)	15 Marks
Unit II	Que.2	Attempt Any two of the following. a) b) c)	15 Marks
Unit III	Que.3	Attempt Any two of the following. a) b) c)	15 Marks
Unit IV	Que.4	Attempt Any two of the following. a) b) c)	15 Marks

Standard of Passing

The learner to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment & Semester End Examination. The learner shall obtain minimum of 40% marks (i.e. 16 out of 40) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 24 out of 60) separately, to pass the course and minimum of Letter Grade “P” in the project component, wherever applicable to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment & Semester End Examination together.

Performance Grading:

Letter Grades and Grade Points

Semester GPA/ Program CGPA Semester/Program	% of Marks	Alpha-Sign / Letter Grade Result
9.00-10.00	90.0 -100	0 (Outstanding)
$8.00 \leq 9.00$	$80.0 \leq 90.0$	A+ (Excellent)
$7.00 \leq 8.00$	$70.0 \leq 80.0$	A (Very Good)
$6.00 \leq 7.00$	$60.0 \leq 70.0$	B+ (Good)
$5.50 \leq 6.00$	$55.0 \leq 60.0$	B (Above Average)
$5.00 \leq 5.50$	$50.0 \leq 55.0$	C (Average)
$4.00 \leq 5.00$	$40.0 \leq 50.0$	P (Pass)
Below 4.00	Below 40	F (Fail)
Ab (Absent)	-	Absent

Master of Arts (M.A. Economics) Programme
Under Choice Based Credit System (CBCS)
Course Structure

M.A. I

(To be implemented from Academic Year- 2023-24)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
	Major : Mandatory			Major : Mandatory	
23_PAECO101	Microeconomics-I	4	23_PAECO201	Microeconomics-II	4
23_PAECO102	Macroeconomics-I	4	23_PAECO202	Macroeconomics-II	4
23_PAECO103	Economics of Growth and Development	4	23_PAECO203	Public Economics	4
23_PAECO104	Economics of Tourism	2	23_PAECO204	Agri-Tourism	2
	Major : Elective (Any One)			Major : Elective (Any One)	
23_PAECO105	Statistical Economics	4	23_PAECO205	Mathematical Economics	4
23_PAECO106	Economics of Labour Market		23_PAECO206	Industrial Relations in India	
23_PAECO107	Urban Economics		23_PAECO207	Health Economics	
23_PAECO108	Research Methodology	4	23_PAECO208	On Job Training (OJT)	4
Total Credits		22	Total Credits		22

SMART Criteria for Course Outcomes:

Specific: Each course outcome is specific, outlining the knowledge and skills students are expected to acquire in relation to the specific topics covered.

Measurable: Each outcome can be measured through assessments, tests, or projects to determine the level of understanding and proficiency achieved by the students.

Achievable: The outcomes are achievable within the duration of the course, considering the number of lectures allocated to each topic.

Relevant: The outcomes are relevant to the subject of financial services and capital market, addressing important concepts, types, and mechanisms involved.

Time-bound: The outcomes are expected to be achieved by the end of the course, providing a clear timeline for assessment and evaluation.

No. of Courses	Semester - I	Credits
	Major : Mandatory	
23_ PAECO101	Microeconomics-I	4
23_ PAECO 102	Macroeconomics-I	4
23_ PAECO 103	Economics of Growth and Development	4
23_ PAECO 104	Economics of Tourism	2
	Major : Elective (Any One)	
23_ PAECO 105	Statistical Economics	4
23_ PAECO 106	Economics of Labour Market	4
23_ PAECO 107	Urban Economics	4
23_ PAECO 108	Research Methodology	4
Total Credits		22

***Revised Syllabus of Courses of Master of Arts
(M.A.Economics) Programme at Semester- I
With Effect from the Academic Year 2023-2024***

Name of the Course	Microeconomics-I
Course Code	23_ PAECO101
Class	M.A.
Semester	I
No of Credits	4
Nature	Theory
Type	Major: Mandatory - 1
Employability/ Entrepreneurship/ Skill Development	The objective of this paper is to develop an understanding of the basic microeconomic theory that has applications in other areas of Economics. At the end of this course students are expected to be familiar with basic microeconomic theory and acquire analytical skills to analyse problems of economic policy. Examples and exercises would be for strengthening the understanding.

***Microeconomics-I
Modules at a Glance***

Sr. No.	Modules	No. of Lectures
1	Consumer Behavior	15
2	Production, Cost and Supply	15
3	Theory of Competitive Markets	15
4	General Equilibrium and Welfare Economics	15
Total		60

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

Curriculum:

Sr. No.	Modules / Units
1	Consumer Behavior (15 Lectures)
	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
2	Production, Cost and Supply (15 Lectures)
	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
3	Theory of Competitive Markets(15 Lectures)
	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
4	General Equilibrium and Welfare Economics (15 Lectures)
	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.

Learning Resources recommended:

1. Das, S.P. (2007): Microeconomics for Business, Sage, New Delhi. Gravelle H. and Rees R. (2004): Microeconomics, 3rd Edition, Pearson Edition 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. Nortonand Company.
5. Varian, H.B. (1992): Microeconomic Analysis, 3rd Edition, W.W. Norton and Company

***Revised Syllabus of Courses of Master of Arts
(M.A.Economics) Programme at Semester- I
With Effect from the Academic Year 2023-2024***

Name of the Course	Macroeconomics-I
Course Code	23_ PAECO102
Class	M.A.
Semester	I
No of Credits	4
Nature	Theory
Type	Major: Mandatory II
Relevance with Employability/ Entrepreneurship/ Skill development	This course is designed to provide in-depth knowledge on varied concepts of Macroeconomics. The course equips the learners at the postgraduate level to understand systemic facts and latest theoretical developments for empirical analysis. The contents of the course throws light on a range of issues like national income, social accounting, consumption expenditure, investment analysis, inflation, trade cycle as well as money supply and demand for money.

**Macroeconomics-I
Modules at a Glance**

Sr. No.	Modules	No. of Lectures
1	National Income and Social Accounting	15
2	Consumption Expenditure and Investment Analysis	15
3	Inflation and Trade Cycles	15
4	Supply and Demand for Money	15
Total		60

Course Outcomes:

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

CO1 – Understanding on the concepts like national income and social accounting,

CO2 – Analysis the consumption expenditure and investment function

CO3 – Acquire knowledge on issues like inflation, trade cycle as well as money supply and demand for money.

CO4 – Critically assess the theories of inflation and trade cycles.

Curriculum:

Sr. No.	Modules / Units
1	National Income and Social Accounting (15 Lectures)
	1.1 National Income Accounting: Concepts of National income, Methods of measuring National Income, Difficulties in the measurement of National income 1.2 Inflation and price indices. 1.3 Social accounting : Concepts and Importance 1.4 Types of social accounts: National income and Product accounts, Input-output accounting, Flow of funds accounts
2	Consumption Expenditure and Investment Analysis (15 Lectures)
	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)
3	Inflation and Trade Cycles(15 Lectures)
	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
4	Supply and Demand for Money (15 Lectures)
	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.

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

***Revised Syllabus of Courses of Master of Commerce
(M.A.Economics) Programme at Semester I
with Effect from the Academic Year 2023-2024***

Name of the Course	Economics of Growth and Development
Course Code	23_ PAECO103
Class	M.A.
Semester	I
No of Credits	4
Nature	Theory
Type	Major: Mandatory III
Relevance with Employability/ Entrepreneurship/ Skill development	The objective of this paper is to integrate the developmental perspectives and theories to enable the students to understand the complexity of developing economies and the related economic challenges. The students get to critically reflect on the major economic ideas in development parlance.

Economics of Growth and Development

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.	Approaches to Development	15
2.	Poverty and Inequality	15
3.	Theories of Economic Growth and Development	15
4.	Population Growth and Developmental Challenges	15
Total		60

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 – Critically examine population growth developmental challenges.

Curriculum:

Sr. No.	Modules / Units
1	Approaches to Development (15 Lectures)
	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
2	Poverty and Inequality (15 Lectures)
	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. 2.5 Impact of inequality on the process of development. 2.6 Economic Growth and Income Distribution : The Kuznets Hypothesis
3	Theories of Economic Growth and Development (15 Lectures)
	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)
4	Population Growth and Developmental Challenges (15 Lectures)
	4.1 Population Growth and Economic Development 4.2 The theory of demographic transition 4.3 Age structures of population and Population Pyramids 4.4 Migration 4.5 The Harris - Todaro Model 4.6 Problems of urbanization 4.7 Employment markets: Formal sector and informal sector employments and wage

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

**Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester I
With Effect from the Academic Year 2023-2024**

Name of the Course	Economics of Tourism
Course Code	23_ PAECO104
Class	M.A.
Semester	I
No of Credits	2
Nature	Theory
Type	Major: Mandatory IV
Relevance with Employability/ Entrepreneurship/ Skill development	Tourism is one of the world's most rapidly growing sector and it leads to a lot of economic effects. Both developed and developing countries try to increase their income via tourism for their economic growth. Tourism is It is an effective instrument for earning revenue and foreign exchange, enhancing environment, preserving culture and tradition thereby facilitating overall development. One of the most important of them is closely related to the concept of entrepreneurship. Tourism entrepreneurship refers to individuals or businesses developing numerous business activities, from activities and entertainment to accommodation and transport. Tourism has great capacity to create large scale employment of diverse kind - from the most specialized to the unskilled and all of us know that generation of massive productive employment opportunities.

Economics of Tourism
Modules at a Glance

Sr. No.	Module	No. of Lectures
1.	Introduction to Tourism	10
2.	Demand and supply of tourism	10
3.	Impact of Tourism and Tourism Organizations	10
Total		30

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
- CO4 - Identify the multiplier effects of tourism
- CO5 - Acquire the basic knowledge of Tourism Organizations in India.

Curriculum:

Sr. No.	Modules / Units
1	Introduction to Tourism (10 Lectures)
	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
2	Tourism demand and supply (10 Lectures)
	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
3	Impact of Tourism and Tourism Organizations (10 Lectures)
	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

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) ,SterlingPublishers 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 by Edward Elgar Publishing LimitedGlensanda HouseMontpellier Parade Cheltenham 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

Evaluation Pattern (Economics of Tourism – 2 Credit Course)

A) Internal Assessment: 40 % (40 Marks)

Sr.No	Internal Evaluation Pattern	(40 Marks)
1	A) Field Work (Any One) Visit to MTDC (Ratnagiri Office) and write a comprehensive report about its functioning, administration finance and activities.	20
2	B) Class Test	10
3	C) Class Conduct	10

B) Semester End Examination: 60% (60 Marks)

Question Paper Pattern

Duration: 2 hours'

Marks: 60

1. All questions shall be compulsory with internal options.
2. There shall be three questions each of 20 marks.

Unit No.	Question No	Particular	Marks
Unit I	Que.1	Attempt Any two of the following. a) b) c)	20 Marks
Unit II	Que.2	Attempt Any two of the following. a) b) c)	20 Marks
Unit III	Que.3	Attempt Any two of the following. a) b) c)	20 Marks

**Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester I**

Name of the Course	Statistical Economics
Course Code	23_ PAECO105
Class	MA
Semester	I
No of Credits	4
Nature	Practical
Type	Major: Elective -I
Relevance with Employability/ Entrepreneurship/ Skill development	Statistics plays a major role in economics. Statistics helps in the study of market structure and understand the different economic problems. After a better understanding of the economic problems, statistics also help in solving those issues by formulating appropriate economic policies.

With Effect from the Academic Year 2023-2024

Statistical Economics

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Statistical Economics	15
2	Tests of Hypothesis	15
3	Regression - I	15
4	Regression – II	15
Total		60

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

Curriculum:

Sr. No.	Modules / Units
1	Introduction to Statistical Economics(15 Lectures)
	1.1 Random variables' mean and variance of a random variable 1.2 Basic laws of probability 1.3 Discrete 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)
2	Tests of Hypothesis (15 Lectures)
	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)
3	Regression – I (15 Lectures)
	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,
4	Regression – II (15 Lectures)
	4.1 Interpreting regression coefficients. 4.2 Problems in simple Linear Regression model 4.3 Heteroskedasticity and its consequences

Learning Resources recommended:

1. HatakharNeeraj R: Principles of Econometrics : an Introduction Uning 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.

**Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester I
With Effect from the Academic Year 2023-2024**

Name of the Course	Economics of Labour Market
Course Code	23_ PAECO106
Class	M.A.
Semester	I
No of Credits	4
Nature	Theory
Type	Major: Elective -II
Relevance with Employability/ Entrepreneurship/ Skill development	The objective of this course is to introduce the student to labour economics with an emphasis on microeconomic theory and empirics. Through the course, the student will learn basic economic forces behind employment and wages, sources of labour market imperfections, driving forces for education and skill up gradation, discrimination among the workers and public policies for labour welfare

Financial Instruments

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.	Nature of the Labour Market	15
2.	Micro and Macro Approaches in Labour Markets	15
3.	Wage Issues in Labour Markets	15
4.	Case Studies on Labour Market in India	15
Total		60

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.

Curriculum:

Sr. No.	Modules / Units
1	Nature of the Labour Market (15 Lectures)
	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
2	Micro and Macro Approaches in Labour Markets (15 Lectures)
	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.
3	Wage Issues in Labour Markets (15 Lectures)
	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.
4	Case Studies on Labour Market in India (15 Lectures)
	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

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 Zafiris Tzannatos, The Economics of the Labour Market, Macmillan, London, 1993.
5. Singh Jwitesh Kumar, Labour Economics, Deep and Deep Publishers, Delhi, 1998.
6. Uchikawa Shuji (eds.) Labour Market and Institution in India 1990s and Beyond, Manohar Publishers, New Delhi, 2003.

**Revised Syllabus of Courses of Master of Arts
(M.A.Economics) Programme at Semester I
With Effect from the Academic Year 2023-2024**

Name of the Course	Urban Economics
Course Code	23_ PAECO107
Class	M.A.
Semester	I
No of Credits	4
Nature	Theory
Type	Elective-III
Relevance with Employability/ Entrepreneurship/ Skill development	This course is designed as a preliminary level course. The learning objective here is to acquaint the underlying theories, propositions and issues that usually arise in studying an urban situation. The course will equip the student with the basic theoretical premises and analytical tools (borrowed from the standard Micro and Macroeconomics) that are used by an urban economist. The course, therefore, is not necessarily grounded in any particular reality (except where explicitly mentioned). However, for pedagogical purposes, explanations and illustrations will naturally come from the Indian situation. It is recommended (although not strictly mandatory) that this course be taken as a pre-requisite for any of the other electives being offered in the area of Urban Economics

**Urban Economics
Modules at a Glance**

Sr. No.	Modules	No. of Lectures
1	Urban Forms	15
2	Within the City	15
3	Local Public Goods and Infrastructure	15
4	Governance:	15
Total		60

Course Outcomes:

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

C01: 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.

Curriculum:

Sr. No.	Modules / Units
1	Urban Forms (15 Lectures)
	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
2	Within the City (15 Lectures)
	4.1 Location of Economic Activities, 4.2 Land use patterns – classical models and modern reality, regulation land ceiling and rent control. Labour Markets– nature, information. 4.3 Migration, Urban poverty, Environment
3	Local Public Goods and Infrastructure (15 Lectures)
	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
4	Governance: (15 Lectures)
	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

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)

**Revised Syllabus of Courses of Master of Arts
(M.A.Economics) Programme at Semester I
With Effect from the Academic Year 2023-2024**

Name of the Course	Research Methodology
Course Code	23_ PAECO108
Class	M.A.
Semester	I
No of Credits	4
Nature	Theory
Type	Research Methodology
Relevance with Employability/ Entrepreneurship/ Skill development	Learner will gain the knowledge of Research Methodology in Business application. Further, the learner will be benefited in the form of increase in his research aptitude, analytical and decision-making skills. Acquisition of the knowledge in the field of research will increase the chances of employability and will offer better prospects in the Economic and corporate sector.

***Research Methodology
Modules at a Glance***

Sr. No.	Modules	No. of Lectures
1	Introduction to Social Science Research	15
2	Statistical Methods and Sampling Techniques	15
3	Hypothesis Testing and Methods	15
4	Research Report Writing and Research Report other factors	15
Total		60

Course Outcomes:

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

- CO1- Understand and inculcate research in Economics
- CO2- Understand data collection and presentation for quality research in social sciences
- CO3- Help in formulation of hypotheses and its testing in social science research.
- CO4- Understand the writing of social science research reports with its various types, organization and styles

Curriculum:

Sr. No.	Modules / Units
1	Introduction to Social Science Research (15 Lectures)
	1.1 Social Science Research : Concept of Research - Types of Research 1.2 Importance of Research 1.3 Research Design and Research Problem 1.4 Types of Data and Collection of Data 1.5 Sampling Methods.
2	Statistical Methods and Sampling Techniques (15 Lectures)
	2.1 Classification and Tabulation of Data - Graphic representation of Data Interpretation of Results. 2.2 Measures of central tendency 2.3 Index
3	Hypothesis Testing and Methods (15 Lectures)
	3.1 Hypothesis and Hypothesis Testing 3.2 Correlation analysis (Pearson's and Spearman's Rank Correlation) 3.3 Regression Tests 3.4 Analysis of Variance
4	Research Report Writing and Research Report other factors (15 Lectures)
	4.1 Research Report Writing : types, importance, objective 4.2 Format of a research report writing 4.3 Principles of the research report writing 4.4 Research Report other factors

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.

***Revised Syllabus of Courses of Master of Arts
(M.A.Economics) Programme at Semester II
With effect from the Academic Year 2023-2024***

No. of Courses	Semester II	Credits
	Major: Mandatory	
23_ PAECO 201	Microeconomics-II	4
23_ PAECO 202	Macroeconomics-II	4
23_ PAECO 203	Public Economics	4
23_ PAECO 204	Agri -Tourism	2
	Major: Elective (Any One)	
23_ PAECO 205	Mathematical Economics	4
23_ PAECO 206	Industrial Relations in India	4
23_ PAECO 207	Health Economics	4
23_ PAECO 208	On Job Training (OJT)	4
Total Credits		22

***Revised Syllabus of Courses of Master of Commerce (M.A.
Economics) Programme at Semester II
With Effect from the Academic Year 2023-2024***

Name of the Course	Microeconomics-II
Course Code	23_ PAECO201
Class	MA
Semester	II
No of Credits	4
Nature	Practical
Type	Major: Mandatory - I
Relevance with Employability/ Entrepreneurship/ Skill development	The objective of this course is to acquaint students with different approaches to analyzing strategic behavior of individuals under asymmetric and incomplete information. Case studies and applications would be used to expound strategic behavior.

Microeconomics-II
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Game Theory	15
2	Oligopoly	15
3	Economics of Information	15
4	Case Studies and Applications	15
Total		60

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.

Curriculum:

Sr. No.	Modules / Units
1	Introduction to Game Theory (15 Lectures)
	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
2	Oligopoly (15 Lectures)
	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 1.7 Limit pricing and Entry deterrence in monopoly.
3	Economics of Information (15 Lectures)
	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.
4	Case Studies and Applications (15 Lectures)
	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.

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.
6. Varian H. (2000): Intermediate Microeconomics: A Modern Approach, 8th Edition, W.W. Norton and Company.

***Revised Syllabus of Courses of Master of Arts
(M.A.Economics) Programme at Semester II
With effect from the Academic Year 2023-2024***

Name of the Course	Macroeconomics-II
Course Code	23_ PAECO202
Class	M.A.
Semester	II
No of Credits	4
Nature	Theory
Type	Major: Mandatory- II
Relevance with Employability/ Entrepreneurship/ Skill development	This course provides deep understanding on macroeconomic concepts. The paper highlights pricing mechanism under imperfect market structures, rigidities and real business cycle theory. Considering the latest developments in the literature of macroeconomics, Keynesian Macroeconomics is introduced so that students can understand the rules, discretion and inconsistencies in policy decisions as well as traditional and non-conventional policy making.

Macroeconomics-II

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Prices under imperfect competition	15
2	Theories of Business Cycles	15
3	New Keynesian Economics	15
4	Macroeconomics Policy Issues	15
Total		60

Course Outcomes:

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

CO1- To acquaint students with latest developments in macroeconomics

CO2- Analyse the real business cycles theory.

CO3- Understanding of students regarding the practical approach of policy making.

CO4 - Establish link between macroeconomic theories and international Open Economy

Curriculum:

Sr. No.	Modules / Units
1	Prices under imperfect competition(15 Lectures)
	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.
2	Theories of Business Cycles (15 Lectures)
	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.
3	New Keynesian Economics (15 Lectures)
	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.
4	Macroeconomics Policy Issues(15 Lectures)
	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.

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)

***Revised Syllabus of Courses of Master of Arts (M.A.
Economics) Programme at Semester II
With Effect from the Academic Year 2023-2024***

Name of the Course	Public Economics
Course Code	23_ PAECO203
Class	M.A
Semester	II
No of Credits	4
Nature	Theory
Type	Major: Mandatory - III
Relevance with Employability/ Entrepreneurship/ Skill development	Role and functions of the Government in an economy have been changing with the passage of time. This course is to provide advanced theoretical knowledge of theory of Public economics. In addition, the learners would find it interesting to analyze Indian government budgets and Indian fiscal federalism. The course analyzes the impact of public policy on the allocation of resources and the distribution of income in the economy. Government affects almost everything that we do in our daily lives, sometimes for the better, sometimes for the worse. In this course, learner will learn how to use the tools of microeconomics and empirical analysis to study the taxing and the spending activities of the government. This course combines a thorough understanding of fiscal institutions with a careful practical analysis of the issues which underline budgetary policies.

Public Economics
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Introduction to Public Economics	15
2	Principles of Taxation and Expenditure	15
3	Government budgeting (With special reference to India)	15
4	Fiscal Federalism	15
Total		60

Course Outcomes:

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

CO1 - Understand the concepts of public, merit and club goods.

CO 2 - Examine the role government in a Mixed Economy.

CO3- Analyse the Principles of Taxation and public budget of Govt of India

CO4- Evaluate role of Finance commission of India

CO5 -Analyse the concepts Indian federal finance system.

Curriculum:

Sr. No.	Modules / Units
1	Introduction to Public Economics (15 Lectures)
	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 1.7.Public choice theory- Arrow impossibility theorem, Medium voter theorem
2	Principles of Taxation and Expenditure (15 Lectures)
	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 2.7 Wagner 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
3	Government budgeting (With special reference to India) (15 Lectures)
	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)

4	Fiscal Federalism	(15 Lectures)
	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 4.5 Vertical and horizontal imbalance 4.6 Finance commissions of India and Resource transfer from Union to States 4.7 Recommendations of Fourteen and Fifteen Finance Commissions of India	

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

Revised Syllabus of Courses of Master of Arts (M.A.)

Programme at Semester II

With Effect from the Academic Year 2023-2024

Name of the Course	Agri-Tourism
Course Code	23_PAECO204
Class	M.A.
Semester	II
No of Credits	2
Nature	Theory
Type	Major: Mandatory - IV
Relevance with Employability/ Entrepreneurship/ Skill development	Agri-tourism has the prospect of social and economic development, for example, employment generation, poverty reduction, improvements in nutrition, health and overall food security in the national economy especially in rural areas. Farm-based recreation or agri-tourism is increasingly seen as a diversification strategy to promote a more diverse and sustainable rural economy and to protect farming incomes against market fluctuation. Thus, farmers are increasingly being recognised as entrepreneurial, needing to develop new skills and capabilities to remain competitive.

Agri-Tourism *Modules at a Glance*

Sr. No.	Modules	No. of Lectures
1	Introduction to Agri- Tourism	10
2	Agri Tourist and Identifying Agri -Tourism	10
3	Marketing and Promotion of Agri Tourism	10
Total		30

Course Outcomes:

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

CO1 -Understand the concept of agri- tourism, including the scope of agri tourism.

CO2 - Analyse the Impact of agri tourism.

CO3 - Apply the knowledge to establish an agri tourism center.

CO4 - Analyses the marketing and promotion of agri tourism.

CO5 - Acquire the basic about Maharashtra's Govt policy for agri tourism.

Curriculum:

Sr. No.	Modules / Units
1	Introduction to Agri- Tourism (10 Lectures)
	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 1.5 Impact of Agri Tourism in Sustainable Rural Development
2	Agri Tourist and Identifying Agri Tourism (10 Lectures)
	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
3	Marketing and Promotion of Agri Tourism (10 Lectures)
	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

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 Lanka Belihuloya. 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_Intiative_by_Shri.Pandurang_Taware_through_Co-operative_Movement_in_the_State_of_Maharashtra
- https://www.in.gov/isda/files/Planning_for_Agritourism.pdf

Evaluation Pattern (Agri-Tourism - 02 Credit Paper)

A) Internal Assessment: 40 % (40 Marks)

Sr.no	Evaluation Pattern	Marks
1.	A) Field Work : Any one Agro Tourism Centre and write a comprehensive report about its functioning, administration finance and activities.	20
2.	B) Class Test	10
3.	C) Class Conduct	10

B) Semester End Examination: 60% (60 Marks)

Question Paper Pattern

Duration: 2 hours'

Marks: 60

1. All questions shall be compulsory with internal options.
2. There shall be four questions each of 20 marks

Unit No.	Question No	Particular	Marks
Unit I	Que.1	Attempt Any two of the following. a) b) c)	20 Marks
Unit II	Que.2	Attempt Any two of the following. a) b) c)	20 Marks
Unit III	Que.3	Attempt Any two of the following. a) b) c)	20 Marks

**Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester II
With Effect from the Academic Year 2023-2024**

Name of the Course	Mathematics for Economics
Course Code	23_PAECO205
Class	M.A
Semester	II
No of Credits	4
Nature	Theory
Type	Major : Elective-I
Relevance with Employability/ Entrepreneurship/ Skill development	The orientation follows Avinash Dixit's classic on the subject. Thus, working backwards from the requirements of dynamic optimization, static optimization is covered and, over the first two modules, the mathematical background is required to appreciate the last two modules. The course illustrative and any proper subset may be used. The expectation is that the instructor will sketch/prove theorems depending on the level of the class and focus on problems drawn from the microeconomics and macroeconomics courses.

**Mathematics for Economics
*Modules at a Glance***

Sr. No.	Modules	No. of Lectures
1.	Background I	15
2.	Background II	15
3.	Static Optimization	15
4.	Dynamic Optimization	15
Total		60

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.

Curriculum:

Sr. No.	Modules / Units
1	Background I (15 Lectures)
	b. Elements of set theory: \mathbb{R} and \mathbb{R}^n c. sequences & limits d. open & closed sets compact sets e. Functions: continuity; linear functions; concave and quasi concave functions f. Vectors and matrices: the determinant; quadratic forms
2	Background II (15 Lectures)
	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
3	Static Optimization (15 Lectures)
	3.1 Integration: definite and indefinite integrals 3.2 integration by parts 3.3 The Kuhn-Tucker theorem
4	Dynamic Optimization (15 Lectures)
	4.1 Calculus of Variations 4.2 The Maximum Principle 4.3 Dynamic Programming

Learning Resources Recommended:

Essential Readings

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

***Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester II
With Effect from the Academic Year 2023-2024***

Name of the Course	Industrial Relations In India
Course Code	23_ PAECO206
Class	MA
Semester	II
No of Credits	4
Nature	Theory
Type	Major: Elective-II
Relevance with Employability/ Entrepreneurship/ Skill development	This course aims to provide a basic conceptual understanding of the economics of trade unions and industrial relations in India. Empirical relevance of theories with suitable examples from a practical industrial relations viewpoint will strengthen a student's understanding of the topic along with their limitations. This course attempts to provide a basic conceptual understanding of the economics of trade unions and industrial relations in India. The syllabus also includes the empirical relevance of theories with suitable examples from a practical industrial relations viewpoint

Industrial Relations in India

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Industrial Relations	15
2	Political Economy of Trade Unions	15
3	Industrial Relations in India	15
4	Role of the State in Industrial Relations in India	15
Total		60

Course Outcomes:

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

1. Understanding on approaches to Industrial Relations
2. Provision of Knowledge on Trade Unions.
3. Identify the operational functioning of trade unions and its impact on industrial relations with specific reference to the Indian subcontinent

Curriculum:

Sr. No.	Modules / Units
1	Industrial Relations (15 Lectures)
	1.1 Industrial Relations: Meaning, scope, nature. 1.2 Macro Approaches-System Approach and Class Conflict Approach 1.3 Micro Approaches-Taylorism, Fordism and Post-Fordism Neo-Fordism, Pluralism.
2	Political Economy of Trade Unions (15 Lectures)
	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
3	Industrial Relations in India (15 Lectures)
	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
4	Role of the State in Industrial Relations in India (15 Lectures)
	4.1 Impact of Globalization 4.2 Tripartism 4.3 Labour Legislation affecting industrial relations: Statutory and Non-Statutory measures to settle industrial disputes 4.4 Workers Participation in Management 4.5 Voluntary Retirement Scheme and other retrenchment measures

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, 199

***Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester II with Effect from the Academic
Year 2023-2024***

Name of the Course	Health Economics
Course Code	23_ PAECO207
Class	M.A.
Semester	II
No of Credits	4
Nature	Theory
Type	Major : Elective-III
Relevance with Employability/ Entrepreneurship/ Skill development	This course provides the theoretical foundations and economic evaluation of Health Economics. The main focus is understanding health issues and policies from a developmental perspective relating specifically to the financing, delivery, and efficiency of health systems. The course also attempts to evaluate policies in the context of the market versus State provision of health care.

Health Economics
Modules at a Glance

Sr. No.	Modules	No. of Lectures
1.	Economics of Health	15
2.	Financing Health Care and Delivery of Health Care	15
3.	Evaluation of Health Care	15
4.	Health Approaches in India	15
Total		60

Course Outcomes:

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

CO1: Apply theories, concepts and techniques of economics to the health sector

CO2: Understand Conceptual Foundations for health utility measurement-Preference based measures of health

CO3: Understand the economic dimensions of the health system in India

CO4: Analyze Health Indicators and outcomes and draw inferences for policy changes

Curriculum:

Sr. No.	Modules / Units
1	Economics of Health (15 Lectures)
	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. 1.9 Markets vs. State.
2	Financing Health Care and Delivery of Health Care (15 Lectures)
	1.4 Economics of financing health care 1.5 Financing options- The rationale of government funding and regulation of health care 1.6 user charges and community financing schemes 1.7 issues of affordability and accessibility-Delivery of health care 1.8 Models of decentralization -private/public mix. 1.9 Private and Public Health Insurance – Formal and informal sectors
3	Evaluation of Health Care (15 Lectures)
	3.1 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.
4	Health Approaches in India (15 Lectures)
	4.1 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

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. Panchamukhi, 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

***Revised Syllabus of Courses of Master of Arts (M.A.)
Programme at Semester II with Effect from the Academic
Year 2023-2024***

Name of the Course	On Job Training
Course Code	24_PAOJTECO208
Class	MA
Semester	II
No of Credits	4
Nature	Practical
Type	On Job Training
Relevance with Employability/ Entrepreneurship/ Skill development	On the job training provides learner with the opportunity to acquire hands on experience and practical skills required for specific job roles. It bridges the gap between theoretical knowledge and the practical requirements of the job. Learner can gain valuable insights into the industry practice, company culture, this experience makes them confident and competent candidate when applying for the position increasing the employability prospects. OJT is instrumental in skill development as it focuses on practical job specific competencies like technical skills, soft skills. Overall OJT enhances employability, foster entrepreneurship by providing valuable exposure in various field.

**Guidelines and Evaluation pattern for On Job Training
(100 Marks)**

Introduction:

Inclusion of On Job Training in the course curriculum of the PG and UG programme is one of the ambitious aspects in the programme structure. The main objective of inclusion of On Job Training is to inculcate ability to interpret particular aspect of the study in his/ her own words.

Guidelines for On Job Training:

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 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 **120 hours** of On Job Training with an Organization /Private firm.

- The theme of the OJT should be based on any study area of the Major course.
- Project Report should be of minimum 30 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. A project report has to be brief in content and must include the following aspects:

a) Title Page:

Mentioning the title of the report, name of the student, program, institution, and the period of training.

b) Certificate of Completion:

A certificate issued by the organization or supervisor confirming the successful completion of the training.

c) Declaration:

A statement by the student declaring that the report is their original work and acknowledging any assistance or references used.

d) Acknowledgments:

Recognizing individuals or organizations that provided support, guidance, or resources during the training.

e) Table of Contents:

Providing a clear outline of the report's sections and page numbers.

f) Executive Summary:

A bird's eye view of your entire presentation has to be precisely offered under this category.

g) Introduction on the Company:

A concise representation of company/ organization defining its scope, products/ services and its SWOT analysis.

h) Your Role in the Organization during the On Job Training:

The key aspects handled, the department under which you were deployed and brief Summary report duly acknowledged by the reporting head.

i) Challenges and overcoming of challenges:

The challenges confronted while churning out theoretical knowledge into practical world.

j) Conclusion:

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

k) Appendix:

- 1.1 Appendix I: OJT Undertaking
- 1.2 Appendix II: Draft Resume Template
- 1.3 Appendix III: Organization Outreach Letter
- 1.4 Appendix IV(A/B): A) Relieving Letter of Student (for fulltime OJT) B)Relieving Letter of Student (for parttime OJT)
- 1.5 Appendix V: Relieving Letter of Student from organization
- 1.6 Appendix VI: Student Diary (Log) Recording Format
- 1.7 Appendix VII: Attendance Sheet
- 1.8 Appendix VIII: Supervisor Evaluation of Intern
- 1.9 Appendix IX: Student Feedback of OJT
- 1.10 Appendix X: Performance for Evaluation of OJT by Institute

Broad guidelines for project report:

The project report based on On Job Training shall be prepared as per the broad guidelines given below:

- Font type: Times New Roman / for Marathi kokil (Font size :16)/ mangal (Font size :12)
- 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.

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.

Rubric for Evaluation of 'On the Job Training' Project

Criteria	Marks	Description
Project Report (60 Marks)		
a) Title Page	02	Properly formatted with title, student name, program, institution, and training period.
b) Certificate of Completion	05	Inclusion of a valid certificate from the organization/supervisor.
c) Declaration	01	A clear statement of originality and acknowledgment of assistance.
d) Acknowledgments	02	Proper recognition of support and guidance received.
e) Table of Contents	05	Clear and accurate outline of the report's sections with page numbers.
f) Executive Summary	05	Concise overview of the entire presentation.
g) Introduction on the Company	05	Detailed representation of the company/organization including its scope, products, and services.
h) Role in the Organization	10	Comprehensive description of key aspects handled, department deployment, and summary report acknowledged by the reporting head.
i) Challenges and Overcoming Challenges	05	Insightful analysis of challenges faced and methods used to overcome them.
j) conclusion	05	Brief overview of the experience with suggestions to bridge the gap between theory and practice.
Appendix:		
Appendix I: OJT Undertaking	15	Mandatory inclusion
Appendix II: Draft Resume Template		Mandatory inclusion
Appendix III: Organization Outreach Letter		Mandatory inclusion
Appendix IV: Relieving Letter of Student		Mandatory inclusion
Appendix V: Student Diary (Log) Recording Format		Mandatory inclusion
Appendix VI: Attendance Sheet		Mandatory inclusion
Appendix VII: Supervisor Evaluation of Intern		Mandatory inclusion
Appendix VIII: Student Feedback of OJT		Mandatory inclusion

Appendix IX: Performance for Evaluation of OJT by Institute		Mandatory inclusion
Documentation and Presentation (40 Marks)		
Quality and effectiveness of presentation	10	Assesses the clarity, engagement, and overall impact of the presentation in conveying the report objectives and outcomes.
Depth of knowledge and demonstrated skills	10	Evaluates the understanding and practical application of key concepts, techniques, and skills relevant to the report.
Relevance of learning experience	05	Measures how well the training experience aligns with the trainee's career goals and the industry's practical requirements.
Practical applications	10	Assesses the trainee's ability to effectively apply learned skills and knowledge to real tasks and challenges during the training project.
Understanding of Organizational Dynamics	05	Insight into organizational structure, culture, and dynamics.
Total Marks	100	

Appendices

Appendix I: OJT Undertaking

1. Student Name:	
2. Class	
3. Roll No	
4. UID	
5. ABC ID	
6. Current Address	
7. Residence Address	
8. Email id	
9. Mobile Nos.	
10. Aadhar Number	
11. Mode of OJT	Online /Offline
I confirm that I agree with the terms, conditions, and requirements of the OJT Policy	
Student Signature:	
Date:	
I confirm that the student has attended the OJT orientation and has met all paperwork and process requirements to participate in the OJT program, and has received approval from his/her mentor.	
Sign of Department Faculty Coordinator	
Date:	

Appendix II: Draft Resume Template

Name:

Contact Number and Email ID:

Education:

(HEI / COLLEGE) Name:

Year:

Degree:

Specialization:

SGPA:(PG SEMESTER I)

College Name: <bachelor's degree>

Year:

Degree:

Specialization:

CGPA:

OJT / Work Experience – Yes / No

If YES

Organization:

Year:

Project:

Brief:

Academic Experience:

Other Achievements and Personal Interests

- List other achievements also in reverse chronological order
- Leadership positions held outside of your formal work environment
- Personal interests and accomplishments that will distinguish you from other applicants
- Volunteer service/Social Work

Appendix III: Organization Outreach Letter

< (HEI) /College Name Letter Head>

To,

The (Manager, HR)

.....

Subject: Request for 120 hours_OJT of Students pursuing < >

Dear Sir,

The college (HEI) name established in <year>, < (HEI /college name) >, Maharashtra reflects the vision of leading industrialists and educationalists. Institute is accredited with '<>' grade by NAAC in [Month year]. The HEI /college name has been recognized about it's over all academic excellence and infrastructure.

In view of the above, I request your good self to allow our following (no. of students) students for practical raining in your esteemed organization. Kindly accord your permission and give at least one-week time for students to join training after confirmation.

Sr. No.	Name	Roll no.	Year	Department

The resumes of these students are attached with this letter. If vacancies exist, kindly do plan for Interviews for the students in above branches.

A line of confirmation will be highly appreciated.

Yours sincerely,

Nodal Officer/TPO

< HEI /college name and Date>

Appendix IV: A) Relieving Letter of Student (for fulltime OJT)

< HEI /college name Letter Head>

To,

The General Manager (HR)

.....

Subject: Relieving letter of student

Dear Sir,

Kindly refer your letter/e-mail dated -----on the above cited subject. As permitted by your good self the following students will undergo Industrial OJT in your esteemed organization under your sole guidance and direction.

Sr. No.	Name	Roll no.	Year	Department

This training being an essential part of the curriculum, the following guidelines have been prescribed in the curriculum for the training. You are therefore, requested to please issue following guidelines to the concerned student mentor.

- OJT schedule may be prepared and a copy of the same may be sent to us.
- Each student is required to prepare OJT diary and report.
- Kindly check the OJT diary of the student daily.
- Issue instruction regarding working hours during training and maintenance of the attendance record

You are requested to evaluate the student's performance on the basis of grading i.e. Excellent, Very Good, Satisfactory and Non-Satisfactory on the below mentioned factors:

- Attendance and general behavior
- Relation with workers and supervisors
- Initiative and efforts in learning
- Knowledge and skills improvement
- Contribution to the organization

The performance report may please be forwarded to the undersigned on completion of training in sealed envelope.

Your efforts in this regard will positively enhance knowledge and practical skills of the students, your cooperation will be highly appreciated, and we shall feel obliged.

The students will abide by the rules and regulation of the organization and will maintain a proper discipline with keen interest during their OJT. The students will report to you on dated _____ along with a copy of this letter.

Yours sincerely,

Nodal Officer/TPO

< HEI /college name and Date>

Appendix IV: B) Relieving Letter of Student (for part time OJT)

< HEI /college name Letter Head>

To,

The General Manager (HR)

.....

Subject: Relieving letter of student

Dear Sir,

Kindly refer your letter/e-mail dated -----on the above cited subject. As permitted by your good self the following students will undergo Industrial OJT in your esteemed organization under your sole guidance and direction. The students will attend their OJT after completing their daily college work as part of their academic curriculum.

Sr. No.	Name	Roll no.	Year	Department

This training being an essential part of the curriculum, the following guidelines have been prescribed in the curriculum for the training. You are therefore, requested to please issue following guidelines to the concerned student mentor.

- OJT schedule may be prepared and a copy of the same may be sent to us.
- Each student is required to prepare OJT diary and report.
- Kindly check the OJT diary of the student daily.
- Issue instruction regarding working hours during training and maintenance of the attendance record

You are requested to evaluate the student's performance on the basis of grading i.e. Excellent, Very Good, Satisfactory and Non-Satisfactory on the below mentioned factors:

- Attendance and general behavior
- Relation with workers and supervisors
- Initiative and efforts in learning
- Knowledge and skills improvement
- Contribution to the organization

The performance report may please be forwarded to the undersigned on completion of training in sealed envelope.

Your efforts in this regard will positively enhance knowledge and practical skills of the students, your cooperation will be highly appreciated, and we shall feel obliged.

The students will abide by the rules and regulation of the organization and will maintain a proper discipline with keen interest during their OJT. The students will report to you on dated _____ along with a copy of this letter.

Yours sincerely,

Nodal Officer/TPO

< HEI /college name and Date>

Appendix V: Relieving Letter of Student from organization

<Organization Letter Head>

To,
The Principal
[College Name]
[College Address]

Subject: Relieving Letter for Student

Dear Sir,

This is to certify that the following students from your esteemed institution have successfully completed their Industrial OJT in our organization as per the guidelines provided:

Sr. No.	Name	Roll no.	Year	Department

The students were under the supervision and guidance of our mentors and were engaged in various projects/tasks as part of their training. They have followed the rules and regulations of our organization and maintained a proper discipline throughout the OJT period.

Performance Evaluation:

The performance of the students has been evaluated based on the following criteria:

- Attendance and General Behavior
- Relation with Workers and Supervisors
- Initiative and Efforts in Learning
- Knowledge and Skills Improvement
- Contribution to the Organization

We have provided each student with feedback on their performance, which we hope will assist in their continued academic and professional growth. The detailed performance reports are enclosed in sealed envelopes for your reference.

We appreciate the opportunity to collaborate with your institution in providing practical exposure to the students and look forward to future engagements.

Yours sincerely,
[Signature]
[Name]
General Manager (HR)
[Company Name]
[Date]

Appendix VII: Attendance Sheet

<Organization Letter Head>

Name & Address of Organization

Name of the Student	
Roll Number	
Name of Course	
Date of Commencement of Training	
Date of Completion of Training	

Month and Year:

Week	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

- Attendance Sheet should remain affixed in Daily Training Diary. Do not remove or tear it off.
- Holidays should be marked in Red Ink in attendance column. Absent should be marked as 'A' in Red Ink.

Name and Signature with date of OJT Supervisor _____

Appendix VIII: Supervisor Evaluation of Intern

<Organization Letter Head>

Student Name: _____ Date: _____

Work Supervisor: _____ Title: _____

Organization: _____

OJT Address: _____ Dates
of OJT: From _____ To _____

Please evaluate intern by indicating the frequency with which you observed the following behaviours:

Parameters	Needs Improvement	Satisfactory	Good	Excellent
1. Behaviours				
2. Performs in a dependable manner				
3. Cooperates with co-workers and supervisors				
4. Shows interest in work				
5. Learns quickly				
6. Shows initiative				
7. Produces high quality work				
8. Accepts responsibility				
9. Accepts criticism				
10. Demonstrates organizational skills				
11. Uses technical knowledge and expertise				
12. Shows good judgment				
13. Demonstrates creativity/originality				
14. Analyzes problems effectively				
15. Is self-reliant				
16. Communicates well				
17. Writes effectively				
18. Has a professional attitude				
19. Gives a professional appearance				
20. Is punctual				
21. Uses time effectively				

Overall performance of student intern (circle one):

(Needs improvement / Satisfactory / Good / Excellent)

Additional comments, if any: _____

Signature of Industry supervisor: _____

Manager: _____

Appendix IX: Student Feedback of OJT

(To be filled by Students after OJT completion)

Student Name: _____ Date: _____
 Industrial Supervisor: _____ Title: _____
 Supervisor Email: _____ OJT is: ___Paid ___Unpaid___
 Organization: _____
 OJT Address: _____
 Faculty Coordinator: _____ Department: _____
 Dates of OJT: From _____ To _____

Give a brief description of your OJT work (title and tasks for which you were responsible): Was your OJT experience related to your major area of study?

- Yes, to a large degree
- Yes, to a slight degree
- No, not related at all

Indicate the degree to which you agree or disagree with the following statements.

This experience has:	Strongly Agree	Agree	No opinion	Disagree	Strongly Disagree
1. Given me the opportunity to explore a career field					
2. Allowed me to apply classroom theory to practice					
3. Helped me develop my decision-making and problem-solving skills					
4. Expanded my knowledge about the work world prior to permanent employment					
5. Helped me develop my written and oral communication skills					
6. Provided a chance to use leadership skills (influence others, develop ideas with others, stimulate decision-making and action)					
7. Expanded my sensitivity to the ethical implications of the work involved					
8. Made it possible for me to be more confident in new situations					
9. Given me a chance to improve my interpersonal skills					
10. Helped me learn to handle responsibility and use my time wisely					
11. Helped me discover new aspects of myself that I didn't know existed before					
12. Helped me develop new interests and abilities					
13. Helped me clarify my career goals					

14. Provided me with contacts which may lead to future employment					
15. Allowed me to acquire information and/ or use equipment not available at my Institute					

- In the Institute OJT program, faculty members are expected to be mentors for students. Do you feel that your faculty coordinator served such a function? Why or why not?
- How well were you able to accomplish the initial goals, tasks and new skills that were set down in your learning contract? In what ways were you able to take a new direction or expand beyond your contract? Why were some goals not accomplished adequately?
- In what areas did you most develop and improve?
- What has been the most significant accomplishment or satisfying moment of your OJT?
- What did you dislike about the OJT?
- Considering your overall experience, how would you rate this OJT? (Circle one).
- -Satisfactory/ Good/ Excellent
- Give suggestions as to how your OJT experience could have been improved. (Could you have handled added responsibility? Would you have liked more discussions with your professor concerning your OJT? Was closer supervision needed? Was more of an orientation required?)

<Signature of Student>

<Name, Roll number, Date>

Appendix X: Performa for Evaluation of OJT by Institute

< HEI /college name Letter Head>

1. Name of Student: _____
2. Mob. No.: _____
3. Roll No.: _____
4. Branch/Semester: _____
5. Period of Training: _____
6. Home Address with contact No. _____
7. Address of Training Site: _____
8. Address of Training Providing Agency: _____
9. Name/Designation of Training In- charge: _____
10. Type of Work: _____
11. Date of Evaluation: _____
12. Please rate the following: _____

Sr.no.	Particular	Marks
1	Project Report	60 Marks
2	Documentation and Presentation	40 Marks

Overall Marks: _____.

Additional Remarks:_____.

Signature of Faculty Mentor: _____.

Format

1 st page (Main Page)

Title of the Report

a Project Submitted

To

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

Under

University of Mumbai

For partial completion of the degree

of

Master of Arts

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, Ratnagiri (Autonomous)**

Near District Court

Month and Year

On separate page

Index

Chapter No	Title of the Chapter	Page No.
01		
02		
03		
04		
05		

[Company/Institution Logo]

CERTIFICATE OF COMPLETION

This is to certify that [Student's Full Name] [Student's Roll Number], has successfully completed the Academic On-the-Job Training Programme at [Company/Institution Name]

This training covered a period of 120 hours, during which [he/she] actively participated and demonstrated excellent dedication and commitment to learning.

The following work was performed by [him/her]:

- [Brief description of the work performed during the training period]

This training has provided [him/her] with valuable insights and practical experience in [relevant field/industry]. [He/She] has exhibited commendable skills, enthusiasm, and a keen interest in learning.

Certifying Authority:

[Name and

Designation]

[Company/Institution

Name] [Contact

Information] [Date]

[Seal/Signature]

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 project work carried out under the guidance
of [Name of the guiding teacher]

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 thank the R. P. Gogate college of Arts & Science and R.V. Jogalekar College of Commerce, Ratnagiri (Autonomous) for giving me opportunity to do this project.

I would like to thank my Principal, Prof. Dr M.R. Sakhalkar Sir for providing the necessary facilities required for completion of this project.

I take this opportunity to thank our Coordinator (Name of VP or HOD) for his/her 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.

Date: 8/04/2025
Place: Ratnagiri


Signature
Chairperson & HoD
Dept Of Economics
Gogate- Jogalekar College
Ratnagiri

Dept. of Economics, R. P. Gogate College of Arts & Science and R. V. Jogalekar
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