CENTRE FOR DISTANCE AND ONLINE EDUCATION

SHIVAJI UNIVERSITY, KOLHAPUR

NAAC "A++" Grade with CGP 3.52

PROGRAMME PROJECT REPORT (PPR)

of

Master of Arts (Economics)

In accordance with NEP 2020

(2024-25 onwards)

A. Programme's Mission and Objectives:

Programme Objectives:

1) Critically understand the economic system, ideologies, methodologies, and Policies of economic development, along with values, ethical principles, and normative aspects of economic theory and the development practices.

2) To strengthen the theoretical understanding with contemporary contribution so as to expand the knowledge-base that will enhance the overall understanding and employability under the competitive nature of resource market.

3) Enabling the stakeholders to apply a sophisticated mathematical, econometric and computer tools in learning a traditional economic theory so as to enhancing its applicability to the practical social problems and research.

4) Understanding the development theory in the context of an equitable and Balanced economic development from the view point of rural and urban, Agriculture, environment, gender, social etc. in the local, national and International perspective.

5) Acquiring the skills required for the applicability of education in launching, maintaining and strengthening the base of economic sectors such as the primary, Secondary and tertiary, that are instrumental in the national and international Growth perspective.

B. Relevance of The Programme with CDOE's Mission and Goals:

Vision:

To be a centre of excellence in higher education with an innovative focus on
Economics teaching, learning, research, and extension activities so as to help
Build a creative, enlightened and productive civil society.

Mission-

The centre for distance and online education centre of Shivaji University shall always strive to undertake education and research in economics the singular purpose of contributing its might to enhance economic betterment and social welfare

POs (Programme Outcomes)-

On successful completion of the Master of Arts (Economics) programme,
The student will be able to:

1) Get insights into the socio-economic issues at local to global.
2) Equip with the necessary skills to make socio-economic diagnosis, write a
   Project proposal, apply statistical tools to monitor and evaluate policy projects
3) Applying their knowledge to analyse and assess issues in fields of
   Agriculture, industry, banking and finance, environmental, ecological,
   Societal issues to provide pragmatic solutions.
4) Capable for addressing complex social and environmental issues from a
   Problem-oriented, interdisciplinary perspective and also assess its impact on
   Environment and society.
5) Formulate and execution of project work, field study, industrial visit to get
   Practical exposure to current issues.
6) To equip the students with problem solving, leadership and teamwork skills
   and to inculcate in them a sense of commitment to quality, ethical behaviour
   and respect for others.
7) To provide a platform for free flow of ideas and to create a climate this
   Fosters discovery, creativity and professional development

PSOs (Programme Specific Outcomes)-

1. It will help the students to understand the economic theory
2. Students will get information about country planning as well as finance supply
3. Understanding the difference between financial literacy and digital literacy will be useful in daily life

4. According to the students will understand the financial problems of daily life, they can be applied

5. In the modern world, financial literacy can be achieved.**6.** The planning can be estimated from the reality of the Indian economy and the government scheme Economics subject will be useful for personal and socio-economic development.

C. Instructional Design:

    1. Title of the Programme   **:**   M.A.ECONOMICS

    2. Duration of the Programme   **:**   **02** YEARS

    3. Medium of Instruction   **:**   MARATHI /ENGLISH

    4. Credit System Implementation:

M. A. Economics is a two year course with a total of 4 semesters with 88 credits. M. A. The Economics course carries a total of 22 credits for each semester. Each semester consists of 4 main papers and 1 optional paper and one SEC. Paper Students must select 01 paper from optional 02 paper. Examination of these courses will be conducted at the end of each semester. Each paper carries a total of 100 marks. Out of which 80 marks will be for written test and 20 marks will be for practical. A student needs 40 marks out of 100 marks to pass. In which minimum 32 for written exam and minimum 08 for practical exam total 40 marks are required.

   5. PROGRAMME STRUCTURE: There are total four sessions for this course and the pattern of examination will be 80:20.

एम.ए.अर्थशास्त्र भाग 1 सत्र 1	एम.ए.अर्थशास्त्र भाग 1 सत्र 2	एम.ए.अर्थशास्त्र भाग 2 सत्र 3	एम.ए.अर्थशास्त्र भाग 2 सत्र 4
आवश्यक पेपर 05	आवश्यक पेपर 05	आवश्यक पेपर 05	आवश्यक पेपर 04
ऐच्छिक पेपर 01	ऐच्छिक पेपर 01	ऐच्छिक पेपर 01	ऐच्छिक पेपर 01
चार क्रेडिटसचे 05 पेपर असून प्रत्येक पेपर 100 गुणांसाठी असेल	चार क्रेडिटसचे 05 पेपर असून प्रत्येक पेपर 100 गुणांसाठी असेल	चार क्रेडिटसचे 05 पेपर असून प्रत्येक पेपर 100 गुणांसाठी असेल	1.चार क्रेडिटसचे 04 पेपर असून प्रत्येक पेपर 100 गुणांसाठी असेल 2.06 क्रेडिटस 01 पेपर असून प्रत्येक पेपर 150 गुणांसाठी असेल
Research Methodology	**OJT** On Job Training / **FP-** Field Project	Research Project I	Research Project - II – (06 **Credits**)
SEC-I-Indian Capital Market (50 Marks)	SEC-II-Contribution of Nobel Laureates to Economics (50 Marks)	SEC-III-Demography (50 Marks)	-----------------------
एकूण अभ्यासक्रम 2200 गुणांचा व 88 क्रेडिटचा आहे			

M.A. (Economics) Part – I

Semester I

Paper No	Course Code	Subject	Internal Marks	University Exam	Total
1	MM-1	**Micro Economic Analysis**	20	80	100
2	MM-2	**Monetary Economics**	20	80	100
3	MM-3	Agricultural Economics	20	80	100
4	ME-3	Principles and Practice of Cooperation	20	80	100
5	RM	Research Methodology	20	80	100
6	MM-4	SEC- I Indian Capital Market	10	40	50

Semester II

Paper No	Course Code	Subject	Internal Marks	University Exam	Total
1	MM -1	**Public Economics**	20	80	100
2	MM -2	**Ecological and Resource Economics**	20	80	100
3	MM -3	Agricultural Development in India	20	80	100
4	ME -5	Financial Markets and Institutions	20	80	100
5	OJT/FB	OJT/FB	20	80	100
6	MM-4	SEC- II -Contribution of Nobel Laureates to Economics	-	50	50

1.SCHEME OF TEACHING AND EXAMINATION:

M. A. Programme (Economics) Structure for Semester I and II

Semester - I											
Teaching Scheme					**Examination Scheme**						
Sr. No.	Theory (TH)			Practical (PR)	Semester - end Examination (SEE)			Internal Assessment (IA)			
	Course Type	No. of Lectures per week	Hours	Credits		Paper Hours	Max	Min	Internal	Max	Min
1	MM 1	4	4	4		3	80	32	--	20	08
2	MM 2	4	4	4		3	80	32	--	20	08
3	MM 3	4	4	4		3	80	32	--	20	08
4	MM 4	2	2	2		2	40	16	--	10	04
5	ME 1*	4	4	4		3	80	32	--	20	08
6	RM	4	4	4		3	80	32	--	20	08
									--	110	
Total		22	22	22			440		SEE + IA: 440 + 110 = 550		

Semester - II													
Teaching Scheme							**Examination Scheme**						
Sr. No.	Theory (TH)			Practical (PR)		Semester - end Examination (SEE)			Internal Assessment (IA)				
	Course Type	No. of Lectures	Hours	Credits	Hrs	Credits	Paper Hours	Max	Min	Internal	Max	Min	
1	MM 5	4	4	4			3	80	32	--	20	08	
2	MM 6	4	4	4			3	80	32	--	20	08	
3	MM 7	4	4	4	--	--	3	80	32	--	20	08	
4	MM 8	2	2	2			2	40	16	--	10	04	
5	ME 2*	4	4	4			3	80	32	--	20	08	
6	OJT / FP	-	-	-	4	4	Certified Submission of Dissertation/OJT Report/ Project Report	80	32	Viva-Voce/ Presentation	20	08	
											110		
Total		18	18	18	4	4		440		SEE + IA: 440 + 110 = 550			
Semester I and II		40	40	40	4	4		880	-	SEE + IA: 880 + 220 = 1100			
Total credits required for completing. M.A. I: 44 credits													

MM: Major Mandatory **-** There will be FOUR mandatory courses for each semester.

ME: Major Elective **(**Student should opt for ANY ONE course from the group of elective courses / basket).

RM: Research Methodology **-** It is a mandatory course.

	OJT/FP: On Job Training - Internship / Apprenticeship or Field Project: It is a mandatory course. It should be completed during the period from the end of first semester to the end of second semester.

NOTE: Separate passing is mandatory for both, Semester End Examination and Internal Evaluation/Assessment.

2. EQUIVALENCE OF THE PAPERS:

M. A. I Sem - I

Sem No.	Paper Code	Title of Old Paper	Credit	Sem No.	Course Code	Title of New Course	Credit
I	DSC- 1	Micro Economic Analysis	4	I	MAU0325MML515G1	Micro Economic Analysis	4
I	DSC- 2	Monetary Economics	4	I	MAU0325MML515G2	Monetary Economics	4
I	DSE- 1	Economics of Environment	4	I	MAU0325MEL515G1	Economics of Environment	4
I	DSE- 2	Agricultural Economics	4	I	MAU0325MML515G3	Agricultural Economics	4
I	DSE- 3	Economics of Insurance	4	I	MAU0325MEL515G2	Economics of Insurance	4
I	DSE- 4	Principles and Practice of Co-operation	4	I	MAU0325MEL515G3	Principles and Practice of Co-operation	4
I	DSE- 5	Economics of Education	4	I	MAU0325MEL515G4	Economics of Education	4
I	DSE- 6	Human Resource Development	4	I	MAU0325MEL515G5	Human Resource Development	4
I	DSE- 7	Economics of Gender and Development	4	I	MAU0325MEL515G6	Economics of Gender and Development	4
I	DSE- 8	Indian Capital Market	4	I	MAU0325MEL515H5	Financial Markets and Institutions	4
I	DSE- 9	Economics of Livestock	4	I	MAU0325MEL515G7	Economics of Livestock	4
I	DSE- 10	Economy of Maharashtra	4	I	MAU0325MEL515G8	Economy of Maharashtra	4

M. A. I Sem - II

Sem No.	Paper Code	Title of Old Paper	Credit	Sem No.	Course Code	Title of New Course	Credit
II	DSC - 3	Public Economics	4	II	MAU0325MML515H1	Public Economics	4
II	DSC- 4	Ecological and Resource Economics	4	II	MAU0325MML515H2	Ecological and Resource Economics	4
II	DSE- 11	Agricultural Development in India	4	II	MAU0325MML515H3	Agricultural Development in India	4
II	DSE- 12	Industrial Economics	4	II	MAU0325MEL515H1	Industrial Economics	4
II	DSE- 13	Rural Development	4	II	MAU0325MEL515H2	Rural Development	4
II	DSE- 14	Managerial and Business Economics	4	II	MAU0325MEL515H3	Managerial and Business Economics	4
II	DSE- 15	Financial Markets and Institutions	4	II	MAU0325MEL515H5	Financial Markets and Institutions	4
II	DSE- 16	Regional Economics	4	II	MAU0325MEL515H4	Regional Economics	4
II	DSE- 17	Contribution of Nobel Laureates to Economics	4	II	MAU0325MEL515H6	Economic Thoughts of Dr. B.R.Ambedkar	4
II	DSE- 18	Economic Thoughts of Dr. B.R.Ambedkar	4	II	MAU0325MEL515H6	Economic Thoughts of Dr. B.R.Ambedkar	4
II	DSE- 19	Economics of Infrastructure	4	II	MAU0325MEL515H7	Economics of Infrastructure	4
II	DSE- 20	Mathematical Economics-I	4	II	MAU0325MEL515H8	Mathematical Economics-I	4

M. A. ECONOMICS Syllabus:

M. A. I SEM I

Course Name **: Micro Economic**
Analysis **Type** **:** Major Mandatory

Course Number : MM 1
Course Code **:** MAU0325MML515G1   Course Credits **4**

Marks: Semester End: 80 Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:

- Understand the methods of elasticity of demand & demand forecasting.
- Explain production and cost theory.
- Classify actual market structure
- Illustrate the value and use of managerial theories of firm.

Module 1: Basic Concepts and Demand Analysis   (Teaching Hours- 15, Credit-01)

  1.1   Concept of demand and demand function
  1.2   Theories of consumer behavior: utility analysis, Indifference curve - income, price
         and substitution effects, Hicks and Slutsky Approach - Compensated
         demand curve and their applications
  1.3   Revealed preference theory
  1.4   Revision of demand theory by Hicks

Module 2: Theory of Production and Costs   (Teaching Hours- 15, Credit- 01)

  2.1   Least cost combination of inputs, multi-product firm,
         elasticity of substitution Euler's theorem
  2.2   Cobb-Douglas, CES, VES
  2.3   Translog production functions and their properties
  2.4   Traditional and modern approaches to cost curves

Module 3: Market Structure: Price and Output Determination
(Teaching Hours- 15, Credit- 01)

3.1   Monopolistic competition – general and Chamberlin approaches to equilibrium, equilibrium of the firm and the group

3.2   Oligopoly – Non-collusive: Cournot, Bertrand, Edgeworth, Chamberlin, Kinked demand curve and Stackelberg's solution - Collusive: Cartels and mergers, price leadership and basingpoint price system models

3.3   Price and output determination under monopsony

3.4   Price and output determination under bilateral monopoly

Module 4: Alternative Theories of Firm and Distribution
(Teaching Hours- 15, Credit- 01)

4.1   Critical evaluation of marginal analysis; Baumol's sales revenue maximization model; Williamson's model of managerial discretion

4.2   Marris model of managerial enterprise; Full cost pricing rule; Bain's limit pricing theory

4.3   Neo-classical approach – Marginal productivity theory; Product exhaustion theorem

4.4   Elasticity of technical substitution, technical progress and factor shares

M. A. I SEM I

Course Name   : Monetary Economics

Type: Major Mandatory   Course Number : MM 2

Course Code: MAU0325MML515G2   **Course Credits**   4

Marks: Semester End: 80 Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:
- Understand the significant role of money in the economy.
- Examine the theoretical aspects of money.
- Aware regarding the role of monetary and fiscal policy
- Demonstrate money multiplier

Module 1: Evolution and Flow of Money   (Teaching Hours- 15, Credit- 01)

1.1   Evolution of Money- money and near Money - stock & flow concept of money
1.2   Functions of money– significance of money in economy
1.3   Circular flow of money; importance of circular flow of money
1.4   Velocity of circulation of money, concept of value of money

Module 2: Money Supply and Money Multiplier(Teaching Hours- 15, Credit- 01)

2.1   Money supply- determinants of money supply – money supply function-Approaches to money supply – money supply & liquidity
2.2   H theory of money supply – factors affecting H – Adjusted H Is H autonomous policy variable?
2.3   Money multiplier process: determinants
2.4   Derivation of money multiplier, deposit multiplier

Module 3: Demand for Money and Interest Rate(Teaching Hours- 15, Credit- 01)

3.1   Classical & Neo-classical views on holding money – Keynesian theory of demand for money– Post Keynesian (Baumol-Tobin approach) - Friedman"sQuantity Theory of Money
3.2   Money & Prices: Fisher"s Cash Transaction Approach – Cambridge Cash Balances Approach - Phillips Curve Hypothesis – Rational Expectations theory
3.3   Theories of Interest Rates: Classical Theory – Loanable Fund Theory
3.4   Liquidity Preference Theory- Hicks - Hansen Theory

Module 4: Monetary and Fiscal Policies: Income and Interest Rate Determination
(Teaching Hours- 15, Credit- 01)

4.1   Factors determining the Term Structure of Interest Rates-
Theories of Term Structure of Interest Rates (Expectation
Theory, Segmented Market Theory, RiskPremium Theory
andPreferred Habitat Theory).

4.2   Real balance effect – Patinkin‟s General Equilibrium Model

4.1   Transmission mechanism in monetary theory, Relative
effectiveness ofmonetary and fiscal policy

4.2   Monetary Theories of Business Cycles (Hawtrey,
Hayek), Easy & Dearmonetary policy

Course Name : Agricultural Economics

Type: Major Mandatory **Course Number**   : MM 3

Course Code: MAU0325MML515G3   Course Credits 4

Marks: Semester   End: 80   Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able
to:

- Learn about the structure and characteristics of the agricultural sector.
- Understand the various constraints specific to less developed agriculture.
- Understand theories regarding the operation of various institutions within the
agricultural sector ofless developed countries like India.
- Analyze agricultural problems and develop policies to overcome them.

Module 1: Agricultural Economics and Theories of Agricultural Development
(Teaching Hours- 15, Credit- 01)

1.1   Introduction to Agricultural Economics: Nature & scope
of agriculturaleconomics - utility of agricultural
economics

1.2   Role of agriculture in economic development

1.3   Demand and supply behaviour in Agriculture: Elasticity of
Demand – Approachesto study supply response- factors affecting
supply response

1.4   Theories of agricultural development: (Schultz, Mellor, Hayami and Ruttan)

Module 2: Economics of Agricultural Production(Teaching Hours- 15, Credit- 01)

2.1 Basic concepts in agricultural Production: Agricultural production vis-à-vis industrial production – Features of modern agricultural production

2.2 Factor- Product Relationship: Meaning & uses of agricultural production function- Agro-technology & production function- production function with one variable factor (traditional & modern approach)

2.3 Factor-Factor Relationship: Optimum factor combination- Effects of changes in factor price on factor usage

2.4 Product-Product Relationship: Optimum Product Combination – Types of Enterprises Combinations

Module 3: Economics of Farm Management (Teaching Hours- 15, Credit- 01)

3.1 Farm management: Scope- Objectives- Farm management decisions-Types of Farming- Farm Size and Productivity – Farm Efficiency Measures

3.2 Principles of farm management: Principles of Factor Substitution- Principles of Equi-Marginal Returns – Opportunity Cost Principle

3.3 Minimum Loss Principle – Principle of Comparative Advantage – Time Comparison Principle

3.4 Management of farm Resources: Land, Labour and Capital

Module 4: Economics of Agricultural Risk Management (Teaching Hours- 15, Credit- 01)

4.1 Nature of Uncertainty in Agriculture: Price, Yield and Technological

4.2 Risks in Agriculture: Types of Risks: Climate, Drought, Production, Price, Financial, Market & Management Strategy

4.3 Risk Management Strategies: National Agricultural Insurance Scheme (NAIS), Crop Insurance as Risk Mitigation Tool

4.4 Crop Insurance, Weather Insurance, Farm Income Insurance, Livestock Insurance and Package Insurance

Course Name : Indian Capital
MarketType   : Major Mandatory
Course Number : MM 4 SEC

Course Code   : MAU0325MML515G4   Course Credits 2

Marks: Semester End: 40   Internal Assessment: 10   Total Marks: 50

Course Outcomes: After successful completion of this course, the students will be able to:
- Examine Indian capital markets.
- Understand the capital market and various instruments, organization of securities markets.

Module 1: Capital Market   (Teaching Hours- 15, Credit- 01)

    1.1   Capital Market: Meaning and Structure
    1.2   Primary Market: Concept- New Issue Market-Instruments in Security Market
    1.3   Listing of Securities: Meaning- Objectives- Classification- Advantages andDisadvantages
    1.4   SEBI Guidelines Regarding Primary Market

Module 2: Secondary Market   (Teaching Hours- 15, Credit- 01)

    2.1   Secondary Market: Concept- Stock Exchange- Origin- Growth- Characteristics-Functions and Limitations
    2.2   Secondary Market Instruments
    2.3   Methods of trading – Trading Mechanism of Stock Exchange
    2.4   Recent Developments in Capital Market

Course Name : **Principles and Practice of Cooperation**

Type: Major Elective

Course Number : ME 3
Course Code : MAU0325MEL515G3   Course Credits- 4

Marks: Semester End: 80   Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:
- Understand the principles and practice of co-operation.
- Explain the significant role of cooperation in the development of India.
- Evaluate co-operatives in India
- Explain agro-based cooperatives and non agricultural cooperatives.

Module 1: Meaning, Principles of Co-operation **(Teaching Hours- 15, Credit- 01)**

1.1 Meaning of Cooperation – Main Principles of Cooperation – Reformulation of principles – Significance of cooperation
1.2 Growth of Cooperation in India after Independence
1.3 Cooperative Credit Structure – Progress and Problems of Primary Agricultural Cooperative Societies, District Central Cooperative Banks, and State Cooperative Banks
1.4 Long term Rural Credit Structure

Module 2: Non-Agricultural Co-operatives in India (Teaching Hours- 15, Credit- 01) (Organization, Progress and Problems with Special Reference to India)

2.1 Cooperative Consumers Societies
2.2 Cooperative Housing Societies
2.3 Cooperative Labour Societies
2.4 Industrial Cooperatives

Module 3: Agro Based Cooperatives **(Teaching Hours- 15, Credit- 01)**

3.1 Agricultural Cooperative Marketing
3.2 Dairy Cooperatives
3.3 Sugar Cooperatives
3.4 Fertiliser Cooperatives: IFFCO. KRIBHCO

Module 4:   Co-operative Institutions in India (Teaching Hours- 15, Credit- 01)

    4.1   National Bank for Agriculture and Rural Development

    4.2   National Cooperative Development Corporation -

           National AgriculturalCooperative Marketing Federation

    4.3   National Cooperative Union of India

    4.4   KVIC

Course Name : Research Methodology

Course Number : RM

Course Code: MAU0325RML515G   Course Credits- 4

Marks: Semester End: 80 Internal Assessment: 20 Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:

- Get acquainted with the basic concepts of research and its methodologies.
- Select and define appropriate research problem and parameters.
- Use techniques of data analysis in research.
- Write a research report and thesis
- Write a research proposal (grants).

Module 1: Introduction to Research Methodology(Teaching Hours- 15, Credit- 01)

    1.1   Research: Meaning – Objectives - Motivation - Types - Approaches -Significance

    1.2   Research Methods versus Methodology

    1.3   Research Process and basic research concepts (facts, concepts, hypothesis, andtheory/paradigm/model)

    1.4   Criteria of Good Research

Module 2: Research Problems and Research Design(Teaching Hours- 15, Credit- 01)

    2.1   Research Problem: Meaning- Selection – Necessity - Technique Involved

    2.2   Research Proposal and Design: Meaning - Need

    2.3   Features of a Good Design - Important Concepts Relating to Research Design

    2.4   Different Research Designs

Module 3: Sampling and Data Collection   (Teaching Hours- 15, Credit- 01)

    3.1   Census and Sample Survey - Steps in Sampling Design - Criteria of Selecting aSampling Procedure, Concept of sample size

    3.2   Characteristics of a Good Sample Design - Types of Sample Designs- How toSelect a Random Sample?

    3.3   Collection of Primary Data: Observation Method, Interview Method, Questionnaires, Schedules - Difference between Questionnaires and Schedules -Other Methods of Data Collection

    3.4   Collection of Secondary Data - Selection of Appropriate Method for DataCollection - Case Study Method

Module 4:   Analysis of Data & Report Writing   (Teaching Hours- 15, Credit- 01)

    4.1   Data Processing- Scrutiny, Classification, Editing and Tabulation – Problems

    4.2   Elements /Types of Analysis - Statistics in Research: Basic Concept of Measuresof Central Tendency- Dispersion - Regression and Correlation Analysis

    4.3   Hypothesis: Meaning - Basic Concepts Concerning Testing -Procedure - Measuring the Power of a Hypothesis Test - Tests of Hypotheses: ImportantParametric and Non Parametric Tests

    4.4   Interpretation: Meaning - Why- Technique- Precaution - Report Writing:Significance - Steps- Layout - Types - Mechanics -Precautions

M. A. I SEM II

Course Name   : Public Economics

Type: Major Mandatory   **Course Numbe** MM1

Course Code: MAU0325MML515H1   Course Credits -4

Marks: Semester End: 80   Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:
- Understand the role of government in economic planning and development.
- Examine the theory of public choice and public policy.
- Equip with theory of public expenditure and project evaluation.
- Analyse the theories of taxation and public budget.

Module 1: Role of Government in Development   (Teaching Hours- 15, Credit-01)

1.1 **Role of Government in a mixed economy**: Government as an agent foreconomic planning and development
1.2 **Human Wants and Goods**: Private, Public, and Merit
1.3 **Causes of Market failure**: Imperfections, Decreasing costs
1.4 Externalities- Economies and Diseconomies

Module 2: Theory of Public Choice and Public Policy(Teaching Hours- 15, Credit-01)

2.1 Private and Public Mechanism for Allocating of Resources
2.2 **Problems of Revelation and Aggregation of Preferences:** Absolute and Relative Unanimity Principle – Political Interactions Costs Theory - Arrow'sImpossibility theorem- An Economic Theory of Democracy - Politico- eco-bureaucracy Theory
2.3 **Provision of Public Goods**: Voluntary exchange model of Wicksell and Lindahl-Impossibility of decentralized provision of public goods (Contributions of Samuelson and Musgrave)
2.4 **Demand Revealing Schemes for Public goods -** Tiebout model- Theory of Clubgoods

Module 3: Theory of Public Expenditure and Project Evaluation
(Teaching Hours- 15, Credit- 01)

3.1 **Theories of Public Expenditure**: Smuelson's Pure theory of Public Expenditure
- Wagner's law of increasing state activities- Wiseman Peacock hypothesis - ColinClark Hypothesis

3.2 Criteria of Public investment- Project evaluation

3.3 Social Cost-Benefit Analysis

3.4 **Public Budget**: Classification of Public Budget- Performance and Programmebudgeting- Zero base budgeting

Module 4: Theory of Taxation and Public Debt(Teaching Hours- 15, Credit- 01)

4.1 **Tax Incidence**: Meaning- Alternative Concepts – Measurement- Theories

4.2 **Theories of Taxation**: Benefit and Ability to pay approaches- Theory of optimaltaxation- Excess burden of taxes

4.3 The problem of double taxation- Laffer Curve Theory – Goods and Services Tax(GST)

4.4 **Public Debt**: Sources- Classification- Importance- Burden - Methods ofRedemption- Principles of Debt Management

M. A. I SEM II

Course Name : **Ecological and Resource Economics**

Type : Major Mandatory   Course Numbe: MM 2

Course Code : MAU0325MML515H2   Course Credits   4

Marks: Semester End: 80   Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:
- Equip with the natural resources and the related issues.
- Analyse the sustainable development in different perspectives.
- Assess the exploitation of renewable and non-renewable natural resources.
- Discuss on the externalities and policy thereon.

Module 1: Scarcity of Natural Resources   (Teaching Hours- 15, Credit- 01)

   1.1   Introduction to Ecological & Resource Economics
   1.2   **Natural Resources**: Renewable and Non-renewable
   1.3   **Scarcity** of Natural resources- Natural Resources and Economic Development
   1.4   **Methods of Valuation of Natural Resources**: Direct and Indirect

Module 2: Sustainable Development   (Teaching Hours- 15, Credit- 01)

   2.1   **Approaches to Sustainable Development**: Club of Rome approach – SteadyState School
   2.2   **Sustainable development** Concept and Indicators; Strong and WeakSustainability - Possible Sustainability Rules
   2.3   Bio-sphere and Economic growth - Intellectual Property Rights and Naturalresources - Recycling of Natural Resources
   2.4   **Optimal Extraction of Non Renewable Natural Resources**: Gray model –Hoteling Model

Module 3: Bio Economics   (Teaching Hours- 15, Credit- 01)
   3.1   Bionomic Equilibrium
   3.2   Market Structure and Exploitation of Non-renewable Natural resources
   3.3   Population growth models – Static economic models of Renewable NaturalResources with references to Fisheries
   3.4   **Regulation of Harvesting of Natural Resources**: Taxes, Quota, Sole Ownership

Module 4:   Externalities and Pollution   (Teaching Hours- 15, Credit- 01)

4.1   **Externalities:** Meaning, Types and Measures

4.2   **Pollution:** Air, Water, Noise and Land; Causes and Measures

4.3   **Environmental Policy**: *Market Processes/ Pricing/ Fiscal Techniques / Economic Incentives*; a)Effluent Charge/ Pollution tax b) Subsidies, c) Refundable Deposits, d) Pollution Permits , e) Allocation of Property Rights

4.4   **Coase's Theory** of Bargaining Solution and Collective Action

Course Name   : Agricultural Development in India

Type: Major Mandatory Course   Number: MM 3

Course Code: MAU0325MML515H3   Course Credits- 4

Marks : Semester   End: 80   Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:
- Understand the nature, scope, challenges and opportunities in Agricultural Sector.
- Analyze the causes of agrarian distress and remedies.
- Elaborate the possible measures to reduce agrarian distress
- Prepare a plan for reforms regarding the Agriculture sector.

Module 1:Agriculture and Economic Development(Teaching Hours- 15, Credit- 01)

1.1   Role of Agriculture in Indian Economy – National Agricultural Policy Since 1991

1.2   Changing Land use and cropping pattern in India

1.3   Contract farming - Organic farming

1.4   Food security & Agricultural Development-Buffer Stock and Public DistributionSystem (PDS)

Module 2: Agricultural Technology and Irrigation(Teaching Hours- 15, Credit- 01)

2.1   Challenges before Agriculture Development-White Revolution (Dairy)

2.2   Blue Revolution (Fisheries), Need of Second Green Revolution

2.3   Agricultural Technology: Mechanization of Agriculture Biotechnology andAgriculture

2.4   Irrigation: Sources, Progress, Policies & Strategies in India –
       utilization of surface& ground water

Module 3: Agricultural Finance and Trade   (Teaching Hours- 15, Credit- 01)

3.1   Sources of Agricultural Finance – Institutional & Non-institutional System
3.2   NABARD
3.3   RRBs - Kisan Credit Card scheme
3.4   Agriculture and International trade - WTO and Agriculture –
       Competitiveness ofIndian agriculture

Module 4:   Agricultural Marketing and Prices(Teaching Hours- 15, Credit- 01)

4.1   Agricultural Marketing: Marketing functions and efficiency
       marketable surplus- Farmer's Share, pricespread - Marketing
       Margin, Marketing Costs - AgriculturalMarketing: problems
       and measures

4.2   Regulated Markets - Co-operatives Marketing – Direct
       marketing - FarmersOrganisation inmarketing

4.3   Role of government in agricultural marketing; NAFED - NCDC- eNAM

4.4   Agricultural Prices: Need of Price Policy – Instruments of
       price policy CACP –National commissionon Agriculture-
       Impact of GST on Agriculture

Course Name   : Contribution of Nobel Laureates to Economics

Type: Major Mandatory   Course Number : MM 4
Course Code: MAU0325MML515H4   Course Credits 2
Marks: Semester End: 40   Internal Assessment: 10   Total Marks: 50

Course Outcomes: After successful completion of this course, the students will be able to:
- Get acquainted with the ideas and works of Economists and thinkers who received NobelMemorial Prize in Economics.
- Analyze the theories and models developed by Nobel Laureates.

Module 1: Economic Development and Economic Growth
  (Teaching Hours- 15, Credit- 01)

  1.1   Simon Kuznets, Wassily Leontief
  1.2   Arthur W. Lewis
  1.3   Theodore W. Schultz
  1.4   Robert M. Solow

Module 2: Macro, Monetary and Financial Economics
(Teaching Hours- 15, Credit- 01)

  2.1   Milton Friedman, James Tobin
  2.2   Harry M. Markowitz, William F. Sharpe
  2.3   Myron S. Scholes, Merton H. Miller
  2.4   Robert A. Mundell, Franco Modigliani

Course Name : **Financial Markets and Institutions**

Type: Major Electives   Course Number: ME 5
Course Code: MAU0325MEL515H5   Course Credits   4
Marks: Semester End: 80 Internal Assessment: 20   Total Marks: 100

Course Outcomes: After successful completion of this course, the students will be able to:
- Understand the significant role of financial institutions in the process of growth and development.
- Analyze financial markets.
- Explain the role of international financial institutions in the steady growth of the world.
- Provide practical experience and skill development modules in financial sector

Module 1: Nature and Role of Financial System(Teaching Hours- 15, Credit- 01)

1.1   Nature and Structure of Financial System, Functions and Role of FinancialSystem
1.2   Financial System and Economic Development, Intermediaries in FinancialMarkets
1.3   All India Financial Institutions: IFCI, IDBI, NABARD
1.4   SIDBI, NHB, UTI, EXIM Bank

Module 2: Financial Markets   (Teaching Hours- 15, Credit- 01)

2.1   Money Market: Concept, Structure and Submarkets, Financial Instruments and Importance of Money Market; Role of RBI and DHFI, Reforms in Money Market
2.2   Capital Market: Concept, Structure and Submarkets, Financial Instruments andImportance of Capital Market
2.3   Role of SEBI, Reforms in Capital Market
2.4   Stock Exchange: BSE, NSE, Multi Commodity Exchange (MCX)

Module 3: Risk Management in Financial Markets (Teaching Hours-15, Credit- 01)

3.1   Types of Risks: Credit Risk, Liquidity risk, Market Risk, Interest rate Risk andForeign Exchange Risk
3.2   Risk Management in financial Market
3.3   Risk Hedging Instruments: Derivatives-Forwards, Futures
3.4   Options and Swaps

Module 4: International Financial Markets and Institutions

(Teaching Hours- 15, Credit- 01)

4.1   Foreign Exchange - Type of Exchange Rates, Nature and Functions of foreignExchange Market, Participants of Forex Market

4.2   Biggest Stock Exchanges In The World - London Stock Exchange, New York Stock Exchange, Hong Kong Stock Exchange, Japan Exchange Group – Tokyo

4.3   International Financial Institutions- IMF, IBRD, Asian Development Bank (ADB)

4.4   International Finance Corporation (IFC) & Bank for International Settlement –BIS

4.3   Transmission mechanism in monetary theory, Relative effectiveness ofmonetary and fiscal policy

4.4   Monetary Theories of Business Cycles (Hawtrey, Hayek), Easy & Dearmonetary policy

F. Procedure for Admissions, Curriculum Transaction and Evaluation:

1. Eligibility - Graduate of any branch M. A. Economics will be eligible for this course.

2. Intake (accessibility) **:** Open

3**. Required Documents while taking Admission to Programme along with**

Payments of Fees. (Payment Acknowledgment)

- Xerox copy of SSC, HSC and Graduation Mark sheets.
- Identity card size photographs along with its scan copy of 09KB and Scan signature of the student 09KB.
- TC/MC (Whichever applicable). In case of TC/MC is not available at the time of admission student will get provisional admission. Grace period of 30 days will be given to submit the original TC/MC otherwise provisional admission gets cancelled no fee will be refunded.

 4. **Programme Fees. :**

M.A Students taking admission for Economics course have to pay the admission fee through online mode like credit card, debit card, internet banking etc. Entry fee once paid will not be refunded under any circumstances.

4. Fee Structure

S.N.	Particulars	M.A.	
		Sem I & II	Sem III & IV
	Fresh Students Fee Structure for the Year 2024-25		
1	**Registration Fee**	1950	1950
2	**S.L.M. Fee**	1625	1625
3	Exam Fee (Oct/Nov 2024 Exam)	-	-
4	Exam Fee (Mar/Apr 2025Exam)	-	-
5	Cost of Application Form	20	20
6	**Study Centre Fee**	**975**	**975**
7	Prospectus Charges	20	20
8	E-Facility Fee	50	50
9	Environment Studies Exam Fee (Mar/Apr 2024)	00	00
10	Dhwaj Nidhi	10	10
11	Tution / Course Fee	00	00
12	Student Welfare fund	100	100
13	Youth Hostel fee	50	50
14	Student Accident/Medical Help fund	20	20
	Total of 1 to 10	**4820**	**4820**

11	*Eligibility Fee	a	Maharashtra State Board / Student of Shivaji University	50	0	0
		b	B.Ed /D.Ed.	0	0	0
		c	Other than Maharashtra State Board / Student of Other University	100	0	0
		d	NRI / Foreign	500	0	0
12	Late Fee			50	50	50
13	Super Late Fee			350	350	350
* Eligibility fee - Applicable at the first time admission to the course.						

6. Evaluation Pattern :

There are a total of 04 papers for each session and each paper carries a total of 100 marks. Out of which 80 marks will be for written test and 20 marks will be for practical.

7. Standard of Passing :

A student needs 40 marks out of total 100 marks for each paper to pass. In which minimum 32 for written exam and minimum 08 for practical exam total 40 marks are required.

8. NATURE OF QUESTION PAPER AND SCHEME OF MARKING:

A) FOR FOUR CREDITS: Total Marks: 80

M.A. (ECONOMICS) PART: I, SEMESTER: I / II EXAMINATION, ___

TITLE OF THE PAPER_PAPER NO.

Subject Code:

Day and date: Total marks: 80

Duration: 03 hours

Instructions: 1. All questions are compulsory.

2. All questions carry equal marks.

Que. No. 1: Multiple choice questions (TEN) (02 marks each)   20

The patterns of MCQs are given below:

Pattern 1: Plain question with 4 alternatives.   (6 MCQs for 12 Marks)

Pattern 2: Match the following with four alternatives   (2 MCQs for 4

Marks)Group 1   Group 2

1.   a)

2.   b)

3.   c)

4.   d)

A)   1-a, 2-b, 3-c, 4-d   B)   1-b, 2-a, 3-c, 4-d

C)   1-c, 2-b, 3-a, 4-d   D)   1-d, 2-b, 3-c, 4-a

Pattern 3: Give Two Statements   (2 MCQs for 4 Marks)1.   2.

Which is the correct option? (OR   Which is the incorrect option?)

A) Statement 1 is True/Correct and Statement 2 is False/Incorrect

B) Statement 2 is True/Correct and Statement 1 is False/Incorrect

C) Both Statements are True/Correct

D) Both Statements are False/Incorrect

Que. No. 2: Short notes (any four out of six)(Answer Limit: 150-200 Words)20

Que. No. 3: Short answer questions (any Two out of Four (answer limit: 300-400 Words)   20

Que. No. 4: Long answer question (any One out of Two) (answer limit: 600 – 800 Words)   20

B) FOR TWO CREDITS: Total Marks: 40

(For Indian Capital Market and Contribution of Nobel Laureates to Economics)

SHIVAJI UNIVERSITY, KOLHAPUR

M.A. (ECONOMICS) PART: I, SEMESTER: I / II EXAMINATION, _____

TITLE OF THE PAPER_____PAPER NO. _____

Subject Code:

Day and date: Total marks: 40

Duration: 02 hours

Instructions: 1. All questions are compulsory.

          2. All questions carry equal marks.

Que. No. 1: Multiple choice questions (FIVE) (02 marks each)   10

The patterns of MCQs are given below:

Pattern 1: Plain question with 4 alternatives.   (3 MCQs for 6 Marks)

Pattern 2: Match the following with four alternatives   (1

    MCQs for 2 Marks)Group 1   Group 2

1.	a)
2.	b)
3.	c)
4.	d)

A)   1-a, 2-b, 3-c, 4-d   B)   1-b, 2-a, 3-c, 4-d
C)   1-c, 2-b, 3-a, 4-d   D)   1-d, 2-b, 3-c, 4-a

Pattern 3: Give Two Statements   (1

    MCQs for 2 Marks)1.   2.

Which is the correct option? (OR   Which is the incorrect option?)

    A) Statement 1 is True/Correct and Statement 2 is False/Incorrect

   B) Statement 2 is True/Correct and Statement 1 is False/Incorrect

   C) Both Statements are True/Correct

   D) Both Statements are False/Incorrect

Que. No. 2: Short notes (any two out of four) (Answer Limit: 150-200 Words)   10

Que. No. 3: Long answer question (any One out of Two) (answer limit: 600 – 800 Words)   20

Quality Assurance Mechanism and Expected Programme Outcomes:

  A. Quality Assurance Mechanism:

  MA Economics through distance education and online education courses. The following efforts will be made to maintain the quality of the Economics course.

  1. In distance learning and online learning center as per University Grants Commission guidelines Efforts will be made to improve the quality of the course through an internal quality assurance committee

  2. MA through Distance Education and Online Education Centre. For the course in Economics the quality of Module, Digital E-Content, E-resource will be maintained through subject experts

  3. Full time working for this course in distance learning and online learning center this course will be coordinated through teachers.

Expected programme outcomes:

 1. To impart high quality education to the students,

 2. To prepare the students for variety of challenging careers

  Through innovation in teaching and research, and

3. To develop comprehensive understanding of

 Interdisciplinary issues

4. It will help the students to understand the economic theory

 5. Students will get information about country planning as well as finance supply

6. Understanding the difference between financial literacy and digital literacy will be useful in daily life

7. According to the students will understand the financial problems of daily life, they can be applied

8. In the modern world, financial literacy can be achieved.

9. Students will have training for all competitive exams (IES), IBPS including NET and SET exams

7. Economics subject will be useful for personal and socio-economic development

8. New Research Approaches develop is it.

Shivaji University, Kolhapur
Centre for Distance and Online Education

Mechanism to ensure the proper implementation of Programme Project Report (PPR)

Sr. No.	Component of PPR	Action Taken
1.	**A. Programme's objectives**	**Achieved**
2.	**B. Relevance of the program with CDOE's Mission and Goals** Vision, Mission, Goal, PO (Program Outcome), PSO (Program Specific Outcome)	**Achieved**
3.	**C. Nature of target group of learners**	**Reached to the Target Group**
4.	**D. Appropriateness of programme to be conducted in Open and Distance Learning and/or Online mode to acquire specific skills and competence**	**Satisfactory Achievement**
5.	**E. Instructional Design:** 1. Title of The Programme 2. Duration of the Programme 3. Medium of Instruction 4. Credit System Implementation 5. Programme Structure 6. Specification For Online Mode of Delivery of the Programme 7. Details Syllabus	**Completed**
6.	**F. Procedure for admissions, curriculum transaction and evaluation** 1. Eligibility 2. Intake 3. Academic Calendar 4. Required Document while taking Admission to Programme along with Payments of Fees. 5. Programme Fees. 6. Evaluation Pattern 7. Standard of Passing 8. Nature of Question Paper	**Completed through online process including payment of fees, Implemented**
7.	**G. Requirement of the laboratory support and Library Resources** a. Requirement of the laboratory support b. Requirement of the Library Resources	**Not Applicable** **Utilized**
8.	**H. Cost estimate of the programme and the provisions**	**Budgetary Provision is available**
9.	**I. Quality assurance mechanism and expected programme outcomes** a. Quality assurance mechanism: b. Expected programme outcomes:	**Completed Achieved**