



**Anekant Education Society's
Tuljaram Chaturchand College, Baramati
*Autonomous***

Department of Economics

**Two Year Post Degree
Program in Economics
Faculty of Mental Moral & Social Science**

Revised Syllabus for

**M.A. Part - II Semester - IV
For Tuljaram Chaturchand College, Baramati
NEP 2020**

Choice Based Credit System Syllabus

To be implemented from Academic Year 2024-2025

Title of the Program : M. A. Economics

Preamble

Introduction:

Tuljaram Chaturchand College has decided to change the syllabus of various faculties from June, 2024. Taking into consideration the rapid changes in global scenario and new approaches in different areas of economics and related subjects, Board of Studies in Economics of Tuljaram Chaturchand College, Baramati - Pune has prepared the syllabus of M. A. II Economics Semester – IV under the Choice Based Credit System (CBCS). The model curriculum as developed by U.G.C. is used as a guideline for the present syllabus. The Master of Arts in Economics program is designed for individuals who are passionate about the study of economics and its applications in various fields. This program provides a comprehensive and rigorous curriculum that equips students with the knowledge and skills necessary to analyze and understand complex economic issues, formulate policy recommendations, and contribute to the field of economics through research and critical thinking.

The MA in Economics program also emphasizes the development of critical thinking, problem-solving, and communication skills. Students will engage in applied research projects, case studies, and real-world applications of economic concepts, allowing them to apply their knowledge in practical settings. The program encourages collaboration, discussion, and debate among students, fostering an intellectually stimulating learning environment that encourages innovative thinking and fosters a deep understanding of economic principles. Graduates of the MA in Economics program are prepared for a wide range of career opportunities in various sectors, including government, international organizations, academia, research institutions, consulting firms, financial institutions, and more.

The MA Economics program also places strong emphasis on research skills, providing students with the opportunity to undertake independent research projects under the guidance of experienced faculty members. Through hands-on training in research design, data collection, and econometric analysis, students will develop the ability to conduct rigorous economic research and contribute to the advancement of knowledge in the field. Furthermore, the program aims to foster an understanding of the real-world implications of economic analysis. Upon completion of the program, graduates will possess the expertise and analytical acumen required to excel in various professional roles, whether it be conducting economic research, providing policy analysis, or contributing to the development and implementation of economic strategies.

Overall, the MA in Economics program provides students with a comprehensive education in economics, equipping them with the knowledge, skills, and analytical tools needed to excel in the field of economics and make meaningful contributions to the advancement of economic knowledge and policy.

❖ Aims and Objectives of the new Curriculum:

The program objectives of a master's degree in economics (MA Economics) are the following:

1. **Advanced Knowledge:** The program aims to provide students with advanced knowledge of economic theory, principles, and concepts. It aims to deepen their understanding of economic models, analytical tools, and empirical techniques used in economic analysis.
2. **Research Skills:** MA Economics programs typically aim to develop students' research skills and provide them with the ability to conduct independent economic research. This includes training in research design, data collection and analysis, and the application of econometric methods.

3. **Analytical Thinking:** The program seeks to enhance students' analytical thinking and problem-solving skills. It aims to teach them how to critically analyse economic issues, identify relevant factors, and develop logical and evidence-based arguments.
4. **Policy Analysis:** MA Economics programs often have a focus on policy analysis. The objective is to equip students with the ability to assess the economic impact of policies and evaluate their effectiveness. This includes understanding the trade-offs involved in policy decisions and considering their implications for various stakeholders.
5. **Quantitative Skills:** Economics is a quantitative discipline, and MA Economics programs aim to strengthen students' quantitative skills. This involves training in statistical methods, econometrics, and mathematical modelling, enabling students to analyse economic data and build economic models.
6. **Communication Skills:** The program objectives include improving students' communication skills, both written and oral, to effectively convey complex economic ideas and research findings. This includes the ability to write reports, research papers, and policy briefs, as well as present and discuss economic analysis in a clear and concise manner.
7. **Specialization:** MA Economics programs often offer specialization options or concentrations in areas such as macroeconomics, microeconomics, international economics, or applied economics. The objective is to allow students to focus their studies and develop expertise in their chosen area of interest.
8. **Professional Development:** MA Economics programs aim to prepare students for careers in various fields, including academia, research institutions, government agencies, international organizations, and the private sector. The objective is to provide students with the skills, knowledge, and professional ethics necessary for success in their chosen careers.

: Programme Specific Outcomes (PSOs):

- POs 1. Knowledge of Economic Theories:** Graduates of an M.A. in Economics should possess a strong understanding of economic theories, including microeconomics, macroeconomics, econometrics, and other specialized areas of economics.
- POs 2. Analytical Skills:** Graduates should be able to apply economic concepts and theories to analyses real-world economic issues, such as market behavior, policy implications, and economic trends. They should also be able to critically evaluate economic research and data using statistical and econometric techniques.
- POs 3. Research and Writing Skills:** Graduates should have developed advanced research and writing skills, including the ability to conduct independent research, analyses economic data, and communicate their findings effectively through written reports, policy briefs, and other forms of economic writing.
- POs 4. Policy Analysis:** Graduates should be able to assess the impact of economic policies on various stakeholders and evaluate their effectiveness in achieving desired outcomes. They should also be able to propose evidence-based policy recommendations to address economic challenges and promote economic growth.
- POs 5. Quantitative Skills:** Graduates should have a strong foundation in quantitative methods, including statistical and econometric techniques, and be able to apply these skills to analyse economic data and conduct empirical research.
- POs 6. Communication Skills:** Graduates should be able to communicate complex economic concepts and findings to different audiences, including policymakers, business leaders, and the general public, in a clear and concise manner.
- POs 7. Critical Thinking:** Graduates should have developed critical thinking skills and be able to analyse economic problems from multiple perspectives, consider trade-offs, and propose innovative solutions based on economic principles and evidence.
- POs 8. Professional Ethics:** Graduates should understand and adhere to the professional ethics and standards of the economics, including academic integrity, objectivity, and confidentiality in research and policy analysis.

Board of Studies in Economics From 2022-23 to 2024-25

| Sr. No. | Name | Designation |
|----------------|---|---------------------------------|
| 1. | Dr. Samadhan K. Patil Head & Professor, Department of Economics T. C. College, Baramati. 02. | Chairman |
| 2. | Mr. Sandeep B. Sable Assistant Professor, Department of Economics T. C. College, Baramati. 02. | Member |
| 3. | Dr. Chandrakant P. Kamble Associate Professor, Department of Economics T. C. College, Baramati. 02. | Member |
| 4. | Dr. Rahul N. Dhumal Associate Professor, Department of Economics T. C. College, Baramati. 02. | Member |
| 5. | Mr. Krushna V. Kulkarni Assistant Professor, Department of Economics T. C. College, Baramati. 02. | Member |
| 6. | Dr. Jotiram S. Ghadage Assistant Professor, Department of Economics T. C. College, Baramati. 02. | Member |
| 7. | Dr. Abasaheb Shinde Assistant Professor, Department of Economics Modern College, Ganesh Khind, Pune 07 | Vice-Chancellor Nominee |
| 8. | Dr. Naresh Bodake Associate Professor, Department of Economics Competition Commission of India Delhi | Expert from other University |
| 9. | Dr. Subhash Kombade Professor Dept. of Economics, Shivaji University Kolhapur | Expert from other University |
| 10. | Mr. Prashant Raut | Industry Expert |
| 11. | Dr. Arvind Rithe Assistant Professor, Department of Economics Tata Institute of Social Science, Mumbai | Meritorious Alumni |
| 12. | Mrs. Shivani Mane | PG Student |
| 13. | Mr. Rohit Chavan | PG Student |
| 14. | Mrs. Vaishnavi Kumbar | UG Student |
| 15. | Mrs. Aliza Bagwan | UG Student |
| 16. | Mr. Amar Nandgude Assistant Professor, Department of Economics T. C. College, Baramati. 02. | Member |

Department of Economics
Course Structure for M.A. Part II Economics
With effect from Academic Year 2024-2025

Course & Credit Structure for (M.A. Economics) Part-II (2023 Pattern as per NEP-2020)

| Sem | Course Type | Course Code | Course Title | Theory/ Practical | No. of Credits |
|---|-----------------------|------------------|---|----------------------|----------------|
| III | Major (Mandatory) | ECO-601-MJM | Macro Economics | Theory | 04 |
| | Major (Mandatory) | ECO-602-MJM | Modern Banking | Theory | 04 |
| | Major (Mandatory) | ECO-603-MJM | Agribusiness Economics | Theory | 04 |
| | Major (Mandatory) | ECO-604-MJM | Statistical Tools | Theory | 02 |
| | Major (Elective) | ECO-611- MJE(A) | Growth & Development | Theory | 04 |
| | | ECO-611-MJE(B) | Industrial Economics | | |
| Research Project (RP) | ECO-621-RP | Research Project | Practical | 04 | |
| Total Credits Semester III | | | | | 22 |
| IV | Major (Mandatory) | ECO-651-MJM | Advanced Macro Economics | Theory | 04 |
| | Major (Mandatory) | ECO-652-MJM | Industrial Economics | Theory | 04 |
| | Major (Mandatory) | ECO-653-MJM | Indian Agribusiness Economics | Theory | 04 |
| | Major (Elective) | ECO-661- MJE(A) | Indian Economy and Development Theories | Theory | 04 |
| | | ECO-661-MJE(B) | Labor Economics | | |
| | Research Project (RP) | ECO-681-RP | Research Project | Practical | 06 |
| Total Credits Semester-IV | | | | | 22 |
| Cumulative Credits Semester III and IV | | | | | 44 |

**SYLLABUS (CBCS) FOR M.A.ECONOMICS w.e.f JUNE 2024
ACADEMIC YEAR 2024-2025**

| | |
|------------------------------|----------------------------------|
| Name of the Programme | : M.A. |
| Subject | : ECONOMICS |
| Program Code | : PAECO |
| Class | : M.A. II |
| Semester | : IV |
| Course Type | : MAJOR (Mandatory) |
| Course Name | : Advance Macro Economics |
| Course Code | : ECO -651- MJM |
| No. of Lectures | : 60 |
| No. of Credits | : 04 |

A) Programme Outcomes:

- 1. PO1:** Students will describe the main macroeconomic theories of short-term fluctuations and long-term growth in the economy.
- 2. PO2:** Students will critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.
- 3. PO3:** Students will identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity, and the major challenges associated with the measurement of these aggregates.
- 4. PO4:** Students will discuss the linkages between financial markets and the real economy, and how these linkages influence the impact of economic policies over differing time horizons.
- 5. PO5:** Students will demonstrate their knowledge of the fundamental and technical concepts of economics.
- 6. PO6:** Explain the mechanism by which market operations affect the money supply and interest rates.
- 7. PO7:** Students will apply the basic theories of economics in critical thinking and problem solving.

B) Course Outcome:

- CO1:** Understand the basics functions of money in an economy.
CO2: Understand the main debate and alternative approach of money concepts.
CO3: Understand the classical and neoclassical theory of demand for money.
CO4: Understand factors that contribute to create demand pull inflation and cost- push inflation.
CO5: Apply economic reasoning to understand the operation of an economy with money multiplier.
CO6: Understand the interaction between the domestic economies with loanable fund theory.
CO7: To understand role of interest rate in macro economics.

TOPICS/CONTENTS

Unit: 1 Money and Liquidity (Teaching Hrs.15)

- 1.1 Definitions of Money, functions of money, concept of liquidity. Measures of Money Supply
- 1.2 Liquidity measures according to Reddy Committee Report.
- 1.3 The debate relating to the definition of money
- 1.4 Liquidity theory, Gurley and Shaw Hypothesis- Alternative money stock measures

Unit: 2 Demand for Money and Price (Teaching Hrs.15)

- 2.1 Nominal v/s Real Cash Balance
- 2.2 Neo Classical theory, Keynes's Theory.
- 2.3 The Quantity Theory of Money Approach. QTM and Income Equation
- 2.4 Fishers QTM, Cambridge Cash Balance
- 2.5 Baumol-Tobin theory of Transactions Demand for money.

Unit 3: Money Supply and Inflation (Teaching Hrs.15)

- 3.1 Objectives and instruments of Monetary Policy
- 3.2 Money Multiplier Process, Some simplifying assumptions, Determinants of Money Multiplier.
- 3.3 Definition sources of Inflation- Demand Pull Inflation- cost push inflation
- 3.4 Unemployment and Inflation-Phillips Curve.

Unit4: Theories of Interest Rates and Macro economy (Teaching Hrs.15)

- 4.1 Theories of the interest rate Loanable funds theory
- 4.2 Interest rate differentials- Term-structure of interest rates
- 4.3 Role of interest rates in Macro-economy,
- 4.4 Monetary transmission mechanism and targeting Inflation Money growth an Interest Rates

BASIC READING LIST

1. Dornbusch Rudiger, Fischer Stanley, Startz Richard (2002), Macro Economics, Tata McGraw Hill, New Delhi.
2. Mankiw Gregory N., (2016), Macro Economics, Worth Publication
3. Gupta Suraj. B. (2000), S. Chand Publication. New Delhi.

ADDITIONAL READING LIST

1. Gupta Suraj. B. (2000), S. Chand Publication. New Delhi.
2. Ackley G. 1978. Macroeconomics: theory and policy, New York: Macmillan.
3. Branson. W. H.1952. Macroeconomics Theory and Policy. Second Edition, New York.
4. Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Vol. 3, Elsevier, Amsterdam.
5. Thirwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.
6. Brown, M. (1966), On the Theory and Measurement of Technical Change, CambridgeUniversity Press, and Cambridge, Mass.
7. Chenery, H. and T.N. Srinivasan (Eds.) (1989), Handbook of Development Economics, Vols.1 & 2, Elsevier, Amsterdam.
8. Dasgupta, P. (1993), An Enquiry into Well-being and Destitution, Clarendon Press, Oxford.

MAPPING OF PROGRAM OUTCOME WITH COURSE OUTCOME

Weightage : **1 : Weak** **2: Moderate** **3: Strong**

| Course Outcomes | Programme Outcomes (Pos) | | | | | | | |
|-----------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 |
| CO1 | 2 | | | | 2 | | 2 | |
| CO2 | 2 | | | | | 2 | 2 | |
| CO3 | 2 | | | | | 2 | | 2 |
| CO4 | | | | | | | | |
| CO5 | | | 2 | | | | | |
| CO6 | | 2 | | 2 | | | | |
| CO7 | | 2 | | 2 | | | | |

JUSTIFICATION FOR THE MAPPING

PO1. Knowledge of Economic Theories:

CO1: Understand the basics functions of money in an economy.

CO2: Understand the main debate and alternative approach of money concepts.

CO3: Understand the classical and neoclassical theory of demand for money.

PO2. Analytical Skills:

CO6: Understand the interaction between the domestic economies with loanable fund theory.

CO7: To understand role of interest rate in macro economics, working with interest rates.

PO3. Research and Writing Skills:

CO5: Apply economic reasoning to understand the operation of an economy with money multiplier.

PO4. Policy Analysis:

CO6: Understand the interaction between the domestic economies with loanable fund theory.

CO7: To understand role of interest rate in macro economics, working with interest rates.

PO5. Quantitative Skills:

CO1: Understand the basics functions of money in an economy.

PO7. Critical Thinking:

CO2: Understand the main debate and alternative approach of money concepts.

CO3: Understand the classical and neoclassical theory of demand for money.

PO7. Professional Ethics:

CO7: To understand role of interest rate in macro economics, working with interest rates.

PO8. Professional Development:

**SYLLABUS (CBCS as per NEP 2020) FOR M.A. II. Year
(W .e. from June, 2024)**

| | |
|------------------------------|-------------------------------|
| Name of the Programme | : M.A |
| Subject | : Economics |
| Program Code | : PAECO |
| Class | : M.A.II. Year |
| Semester | : IV |
| Course Type | : Major Mandatory |
| Course Name | : Industrial Economics |
| Course Code | : ECO-652-MJM |
| No. of Lectures | : 60 |
| No. of Credits | : 04 |

A) COURSE OBJECTIVES :

1. To understand the basic concepts of Industrial Economics like Industrial combinations, mergers, amalgamations, etc.
2. To understand the various aspects of Industrial Balance and Industrial Imbalance.
3. To understand the various aspects of Industrial Productivity and Efficiency.
4. To understand the India's trend in Industrial Growth since 1991.
5. To understand the various aspects of Industrial Finance.
6. Provide students with the analytical skills required for understanding problems in industrial economics
7. Analyse various aspects of strategic interaction between firms and the determinants of industrial structure.

B) COURSE OUTCOMES :

- CO1.** Explain and analyses the main issues and debates in the field of industrial economics.
- CO2.** Critically evaluate different policy approaches to industry.
- CO3.** Analyze the value and the limitations of existing theory in the area of industry economics.
- CO4.** Students learn core concepts of industrial economics and theories in this field.
- CO5.** Students analyse the performance of an industrial economy in the context of contemporary development.
- CO6.** Student learns the interrelationship between Industrial development and Economic development.
- CO7.** After completion of the course, student will be able to demonstrate knowledge and understanding of a set of analytical techniques.

TOPICS/CONTENTS

UNIT: 1 Introduction (Teaching Hrs.15)

- 1.1 Meaning, Nature , Scope, Need, and Significance of Industrial Economics.
- 1.2 Industrial Combinations-Types, Causes, Mergers and amalgamations.
- 1.3 Sellers Concentration, Economies of Scale.
- 1.4 Inter-relationship between industrial Development and Economic Development.

UNIT: 2 Industrial Location (Teaching Hrs.15)

- 2.1 Factors affecting location of Industries.
- 2.2 Theories of Industrial location – Alfred Weber’s Theory, Sargent Florence Theory.
- 2.3 Industrial Imbalance – Need for balanced regional industrial development ,Causes and measures of Industrial imbalance.
- 2.4 Regional Industrial Imbalance in India – Extent and Government Policy measures for balanced Regional Industrial Development.

UNIT: 3 Industrial Productivity & Efficiency (Teaching Hrs.15)

- 3.1 Industrial Productivity and Efficiency – Meaning, Norm, Tools and Measurement of Industrial Productivity and efficiency.
- 3.2 Factors affecting Industrial Productivity and Efficiency.
- 3.3 Causes of Low Industrial Productivity.
- 3.4 Remedial measures by the Government to improve Industrial Productivity.

UNIT : 4 Industrial Finance and Indian Industrial Growth (Teaching Hrs.15)

- 4.1 Meaning ,Scope Importance of Industrial Finance.
- 4.2 Sources of Industrial Finance .
- 4.3 Foreign Capital.
- 4.4 Industrail Policy-Trends in Industrial Growth Since 1991.

Reference Books:

1. Ferguson, Paul R. and Glenys J. Ferguson, (1994), Industrial Economics - Issues and Perspectives, Macmillan, London.
2. Shepher, William G. (1985), The Economics of industrial Organization, Prentice - Hall, Inc, Englewood Cliffs, N. J.
3. G. Symeonids : Industrial Economics ,2011, London School of Economics & Political Science.
4. Ahluwalia, I. J. (1985), Industrial Growth in India - Stagnation since Mid-sixties, Oxford University Press, New Delhi.

MAPPING OF PROGRAM OUTCOME WITH COURSE OUTCOME

Weightage **1 : Weak** **2: Moderate** **3: Strong**

| Course Outcome | Program Outcomes (Pos) | | | | | | | | |
|----------------|------------------------|------|------|------|------|------|------|------|------|
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 |
| CO 1 | | 2 | | 2 | | | | | |
| CO 2 | | 2 | | | | | 2 | | 2 |
| CO 3 | 2 | | 3 | | 2 | 2 | | | |
| CO 4 | | | 2 | | 2 | | | 3 | |
| CO 5 | 3 | | | 3 | | | | | |
| CO 6 | | | | | | 3 | | | |
| CO 7 | | | | | | | | | 2 |

JUSTIFICATION FOR THE MAPPING**PSO1. Knowledge of Economic Theories:**

CO3. Analyze the value and the limitations of existing theory in the area of industry economics.

CO5. Students analyse the performance of an industrial economy in the context of contemporary development.

PSO2. Analytical Skills:

CO1. Explain and analyses the main issues and debates in the field of industrial economics.

CO2. Critically evaluates different policy approaches to industry.

PSO3. Research and Writing Skills:

CO3. Analyze the value and the limitations of existing theory in the area of industry economics.

CO4. Students learn core concepts of industrial economics and theories in the field.

PSO4. Policy Analysis:

CO1. Explain and analyses the main issues and debates in the field of industrial economics.

CO5. Students analyses the performance of an industrial economy in the context of contemporary development.

PSO5 Quantitative Skills:

CO3. Analyze the value and the limitations of existing theory in the area of industry economics.

CO4. Students learn core concepts of industrial economics and theories in the field.

PSO6. Communication Skills:

CO3. Analyze the value and the limitations of existing theory in the area of industry economics.

CO6. Student learn the interrelationship between Industrial development and Economic development.

PSO7. Critical Thinking:

CO2. Critically evaluate different policy approaches to industry

PSO8. Professional Ethics:

CO4. Students learn core concepts of industrial economics and theories in the field.

PSO9. Professional Development:

CO2. Critically evaluate different policy approaches to industry.

CO7. .After completion of the course, student will be able to demonstrate knowledge and understanding of a set of analytical techniques.

SYLLABUS (CBCS as per NEP 2023) FOR M.A. II YEAR**(W .e .from Nov,2024)**

| | |
|------------------------------|------------------------------------|
| Name of the Programme | : M.A. |
| Subject | : Economics |
| Program Code | : PAECO |
| Class | : M.A.II Year |
| Semester | : IV |
| Course Type | : Major (Mandatory) |
| Course Name | : Agribusiness Economics II |
| Course Code | : ECO-653-MJM |
| No. of Lectures | : 60 |
| No. of Credits | : 04 |

A) Course Objectives :

1. Understanding Agricultural Markets: To teach students how agricultural markets operate, including the factors influencing supply and demand for agricultural products, price determination, and market structures.
2. Economic Analysis: To enable students to apply economic principles and tools to analyze various aspects of agribusiness, such as cost-benefit analysis, production decisions, and investment appraisal.
3. Risk Management: To educate students about risk management strategies in agriculture, including insurance, diversification, and financial hedging to mitigate the uncertainties associated with farming and agribusiness.
4. Policy and Regulation: To explore the impact of government policies, subsidies, and regulations on the agribusiness sector, and how these factors influence production, trade, and sustainability.
5. Sustainability and Environmental Economics: To examine the economic dimensions of sustainability in agriculture, addressing issues like resource conservation, environmental externalities, and the economics of sustainable practices.
6. Agribusiness Management: To provide insights into the management of agribusiness firms, covering topics such as marketing, finance, supply chain management, and strategic planning in the context of agriculture.
7. Global Agribusiness: To study the international aspects of agribusiness, including global trade in agricultural products, international marketing, and the economic implications of globalization on agriculture.

A) Course Outcomes:

CO1. Understanding Agricultural Economics: Students should develop a strong understanding of the fundamental principles and concepts of agricultural economics, including supply and demand, price determination, market structures, and the role of agriculture in the overall economy.

CO2.Farm Management: Students should be able to apply economic principles to farm management, including decision-making related to resource allocation, production techniques, and risk management.

CO3.Market Analysis: The course should equip students with the skills to analyse agricultural markets, including factors affecting price volatility, market trends, and the impacts of government policies and international trade.

CO4.Agribusiness Value Chain: Students should gain insight into the various stages of the agribusiness value chain, including production, processing, marketing, and distribution. They should understand how different entities in the value chain interact and the economic implications of these interactions.

CO5.Policy Analysis: Students should be able to analyse agricultural and agribusiness policies at the local, national, and international levels, including their impact on production, prices, and market stability.

CO6.Environmental and Sustainability Issues: The course may cover topics related to environmental and sustainability concerns in agribusiness, such as the economic implications of sustainable farming practices and the use of resources.

CO7.Risk Management: Students should learn about risk assessment and management in agribusiness, including the use of insurance, hedging, and other risk mitigation strategies.

TOPICS / CONTENTS

UNIT: 1 Agriculture Finance and Credit Institute (Teaching hrs. 15)

- 1.1 Introduction: Problems of agriculture finance
- 1.2 Measures taken to improve credit flow of agriculture finance
- 1.3 Sources of agriculture finance, Commercial Bank, Regional Rural Bank
- 1.4 NABARD, Lead Bank Scheme, Cooperative Credit Structure and RBI.

UNIT: 2 Agriculture Efficiency Productions and Productivity(Teaching hrs. 15)

- 2.1 Introduction, Types of efficiency
- 2.2 Trends in the production of food and non-food crops
- 2.3 factors determining agricultural production
- 2.4 productivity, Causes and suggestion of low productivity of agriculture.

Chapter: 3 Agriculture Prices and Price Policy (Teaching hrs.15)

- 3.1 Introduction, Causes and Effects of fluctuations in Agriculture prices
- 3.2 Need and Criteria to fix agriculture price
- 3.3 Agriculture price policy in India – need, objectives, and development.
- 3.4 Main instrument of price policy [PDS, RPDS, TPDS, BS, FCI MSP]

Chapter: 4 WTO and Indian Agriculture (Teaching hrs.15)

- 4.1 Introduction GATT and WTO
- 4.2 Market Access, Domestic Support
- 4.3 Export Subsidies, Export and Import Performance of Indian Agriculture
- 4.4 Economic Liberalization and its impact on agriculture

Basic Reading Lists :

R.K. Lekhi, Jogindar Singh. "Agriculture Economics: An Indian Perspective". Kalyani Publishers, 2011.

Singh Sadhu Singh "Fundamentals of Agricultural Economics" Himalaya Publishing House, 2013

B.H. Hibbard (1948) Agriculture Economics McGraw Hill New York

L.C. Gray (1922) Introduction to Agricultural Economics Macmillan New York

MAPPING OF PROGRAM OUTCOME WITH COURSE OUTCOME

Weightage 1 : Weak 2: Moderate 3: Strong

| Course Outcome | Program Outcomes (Pos) | | | | | | | |
|----------------|------------------------|------|------|------|------|------|------|------|
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 |
| CO 1 | 2 | | | | | | | |
| CO 2 | | | | | | | | 2 |
| CO 3 | | | 2 | | | | | |
| CO 4 | | | | | | | | 2 |
| CO 5 | | 2 | | 2 | | | | |
| CO 6 | | | | | 2 | | | |
| CO 7 | | | | | 2 | | 2 | |

JUSTIFICATION FOR THE MAPPING

PSO1. Knowledge of Economic Theories:

CO1. Understanding Agricultural Economics: Students should develop a strong understanding of the fundamental principles and concepts of agricultural economics.

PSO2. Analytical Skills:

CO5. Policy Analysis: Students should be able to analyse agricultural and agribusiness policies at the local, national, and international levels, including their impact on production.

PSO3. Research and Writing Skills:

CO3. Market Analysis: The course should equip students with the skills to analyse agricultural markets, including factors affecting price volatility, market trends, and the impacts of government policies and international trade.

PSO4. Policy Analysis:

CO5. Policy Analysis: Students should be able to analyse agricultural and agribusiness policies at the local, national, and international levels, including their impact on production.

PSO5. Quantitative Skills:

CO6. Environmental and Sustainability Issues: The course may cover topics related to environmental and sustainability concerns in agribusiness, such as the economic implications of sustainable farming practices and the use of resources.

CO7.Risk Management: Students should learn about risk assessment and management in agribusiness, including the use of insurance, hedging, and other risk mitigation strategies.

PSO7.Critical Thinking:

CO7.Risk Management: Students should learn about risk assessment and management in agribusiness, including the use of insurance, hedging, and other risk mitigation strategies.

PSO8.Professional Ethics:

CO4.Agribusiness Value Chain: Students should gain insight into the various stages of the agribusiness value chain, including production, processing, marketing, and distribution.

CO2.Farm Management: Students should be able to apply economic principles to farm management, including decision-making related to resource allocation, production techniques, and risk management.

**SYLLABUS (CBCS as per NEP 2020) FOR M.A. II. Year
(W .e. from June, 2024)**

| | |
|------------------------------|------------------------------|
| Name of the Programme | : M.A |
| Subject | : Economics |
| Program Code | : PAECO |
| Class | : M.A.II. Year |
| Semester | : IV |
| Course Type | : Major (Elective) |
| Course Name | : ECONOMICS OF GROWTH |
| Course Code | : ECO-661-MJE (A) |
| No. of Lectures | : 60 |
| No. of Credits | : 04 |

A) COURSE OBJECTIVES:

1. Understand the core models of economic growth such as Harrod-Domar and Joan Robinson's capital accumulation model.
2. Analyze the role of technical change, including neutral, non-neutral, embodied, and disembodied changes, in the growth process.
3. Explore alternative growth theories such as social, technological, and financial dualism, and dependency theory.
4. Examine the empirical growth models implemented by developing countries, such as the Flying Geese Paradigm and the East Asian Model of Capitalism.
5. Investigate the Chinese state capitalism model and its role in global economic dynamics.
6. Evaluate the role of agriculture, industry, and international trade in economic development.
7. Critically analyze the impact of multinational corporations, market dynamics, and public-private partnerships on economic growth.

B) COURSE OUTCOMES :

- CO1. Analyze the foundational models of economic growth, including the Harrod-Domar and Joan Robinson models, and their implications for modern economies.
- CO2. Understand the different types of technical change and their importance in economic growth, including embodied and disembodied forms.
- CO3. Critically evaluate dualistic theories and dependency models to understand the challenges faced by developing economies.
- CO4. Examine the empirical growth models, such as the Flying Geese Paradigm and the Japanese Model, applied by developing countries.
- CO5. Assess the effectiveness of the Chinese Market Economy Model and its influence on global capitalism.
- CO6. Understand the changing contributions of agriculture and industry to economic development and their interaction with international trade and investment.

CO7. Demonstrate knowledge of the role of multinational corporations, markets, and public-private partnerships in shaping economic growth and development strategies.

TOPICS/CONTENTS

Unit-I: Sources of Growth **(Teaching Hrs. 15)**

- 1.1 Harrod-Domar Models
- 1.2 Joan Robinson's Model of Capital Accumulation
- 1.3 The Golden Rule of Accumulation
- 1.4 Denison's and Jorgenson-Griliches' Sources of Growth

Unit-II: Alternative Approaches to Growth **(Teaching Hrs. 15)**

- 2.1 Models of Technical Change - Neutral vs. Non-Neutral and Embodied vs. Disembodied Technical Change
- 2.2 Dualistic Theories - Social, Technological, and Financial Dualism
- 2.3 Dependency Theories
- 2.4 Limits to Growth Model

Unit-III: Empirical Models Followed by Developing Countries **(Teaching Hrs. 15)**

- 3.1 Flying Geese Paradigm
- 3.2 Japanese Model
- 3.3 East Asian Model of Capitalism
- 3.4 Chinese Market Economy Model / State Capitalism Model

Unit-IV: Changes in Sectoral Contribution in Economic Growth **(Teaching Hrs. 15)**

- 4.1 Role of Agriculture and Industry in Development
- 4.2 Economic Development, International Trade, and Investment
- 4.3 Role of Multinationals
- 4.4 Changing Role of Markets and Private-Public Partnerships

Reference Books:

1. Amsden, Alice H. (1989), *Asia's Next Giant: South Korea and Late Industrialization*,. Oxford University Press, New York.
2. Dandekar, V. M., & Rath, Nilakantha (1971). *Poverty in India*,. Indian School of Political Economy, Pune.
3. Deshpande, Jyotsna (2010). *Vikasache Arthashastra*,. Vidya Prakashan, Pune.
4. Fujita, Masahisa, & Thisse, Jacques-François (2002). *Economics of Agglomeration: Cities, Industrial Location, and Globalization*,. Cambridge University Press, Cambridge.
5. Huang, Yasheng (2008). *Capitalism with Chinese Characteristics: Entrepreneurship and the State*,. Cambridge University Press, Cambridge.
6. Jhingan, M. L. (2019). *The Economics of Development and Planning*,. Vrinda Publications, New Delhi.
7. Johnson, Chalmers (1982). *MITI and the Japanese Miracle: The Growth of Industrial Policy, 1925-1975*,. Stanford University Press, Stanford.
8. Naughton, Barry (2007). *The Chinese Economy: Transitions and Growth*,. MIT Press, Cambridge.
9. Stiglitz, Joseph E., & Yusuf, Shahid (2001). *Rethinking the East Asian Miracle*,. Oxford

University Press, New York.

10. Thirlwall, A. P. (2011). ,Economics of Development., Palgrave Macmillan, New York.

11. Todaro, M. P., & Smith, S. C. (2015). ,Economic Development., Pearson, London.

12. Vogel, Ezra F. (1991). ,The Four Little Dragons: The Spread of Industrialization in East Asia., Harvard University Press, Cambridge.

13. Patil, J. F. (2004), Vruddhi ani Vikasache Arthshastra, Phadake Prakashan, Pune.

MAPPING OF PROGRAM OUTCOME WITH COURSE OUTCOME

| Course Outcome (CO) | 1 : Weak | | | 2: Moderate | | | 3: Strong | | |
|---------------------|----------|-----|-----|-------------|-----|-----|-----------|-----|-----|
| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 |
| CO1 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 3 |
| CO2 | 2 | 2 | 1 | 2 | 2 | 1 | 1 | 1 | 2 |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 1 | 1 | 3 |
| CO4 | 3 | 2 | 2 | 3 | 2 | 1 | 1 | 1 | 3 |
| CO5 | 2 | 2 | 2 | 3 | 3 | 1 | 1 | 1 | 2 |
| CO6 | 2 | 2 | 1 | 2 | 2 | 3 | 1 | 1 | 2 |
| CO7 | 2 | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 2 |

Justification for Mapping

PO1. Knowledge of Economic Theories:

CO1: Strongly relates to foundational economic models, emphasizing theory comprehension.

CO3: Involves deep engagement with dualistic and dependency theories.

PO2. Analytical Skills:

CO2: Requires assessment of technical changes, showcasing analytical abilities.

CO3: Strongly emphasizes evaluating various economic structures.

PO3. Research and Writing Skills:

CO3: Involves critical evaluation and synthesis of complex theories, enhancing research skills.

PO4. Policy Analysis:

CO1: Understanding implications of growth models is crucial for policy analysis.

CO5: Evaluating the Chinese model requires in-depth policy understanding.

PO5. Quantitative Skills:

CO5: Involves quantitative assessment of economic impacts in global contexts.

CO6: Analyzing agricultural and industrial contributions necessitates quantitative evaluation.

PO6. Communication Skills:

CO7: Effectively communicating knowledge of multinational roles requires strong communication skills.

PO8. Professional Ethics:

CO5: Analyzing issues like migration and discrimination brings ethical considerations to the forefront.

PO9. Professional Development:

CO6: Understanding globalization effects supports ongoing professional growth and adaptation.

CO7: Knowledge of market challenges is essential for strategic planning and development.

SYLLABUS (CBCS as per NEP 2023) FOR M.A. II YEAR**(W .e .from Nov,2024)**

| | |
|------------------------------|-----------------------------|
| Name of the Programme | : M.A |
| Subject | : Economics |
| Program Code | : PAECO |
| Class | : M.A.II Year |
| Semester | : IV |
| Course Type | : Skill Development |
| Course Name | : Tourism Management |
| Course Code | : ECO-691-SDC |
| No. of Lectures | : 32 |
| No. of Credits | : 02 |

A) Course Objective :

1. Industry Knowledge: Develop a comprehensive understanding of the tourism industry, including its history, scope, and global significance.
2. Destination Management: Learn how to plan, develop, and manage tourist destinations effectively.
3. Marketing and Promotion: Understand tourism marketing strategies, including branding, advertising, and promotional techniques to attract tourists.
4. Hospitality Management: Gain knowledge of the hospitality sector, including hotel and restaurant management, customer service, and guest experience.
5. Tourism Planning and Development: Study sustainable tourism development and destination planning, considering environmental, economic, and socio-cultural factors.
6. Policy and Regulations: Understand the legal and regulatory aspects of the tourism industry,
7. natural disasters or

B) Course Outcome :

CO1.Knowledge of Tourism Industry: Students should acquire a strong foundation in the keyconcepts, principles, and components of the tourism industry, including its history, evolution, and global significance.

CO2.Destination Management: Understand how to effectively manage and market tourist destinations, including the development of tourism products, services, and experiences.

CO3.Marketing and Promotion: Learn the fundamentals of tourism marketing, including branding, advertising, and promotional strategies to attract tourists.

CO4.Hospitality Management: Gain knowledge of hospitality operations, including hotel andrestaurant management, customer service, and guest experience management.

CO5.Tourism Planning and Development: Study the principles of sustainable tourism developmentand destination planning, considering environmental, economic, and socio-cultural factors.

CO6.Tourism Policy and Regulations: Understand the legal and regulatory aspects of the tourism industry, including issues related to safety, security, and compliance.

TOPICS / CNTNTS**Unit : 1 Tourism Economics****(Teaching hrs. 11)**

- 1.1 Economic impact of tourism
- 1.2 Tourism demand and supply
- 1.2 Pricing and revenue management in the tourism industry

Unit : 2 Tourism Planning and Development**(Teaching hrs.11)**

- 1.1 Destination planning and development
- 1.2 The role of government and stakeholder
- 1.3 Sustainable tourism development

Unit: 3 Tourism Policy and Regulation**(Teaching hrs.10)**

- 1.1 Tourism Policy Development
- 1.2 Regulatory Frameworks and licensing
- 1.3 Tourism ethics and responsible tourism practices

Reading List :

Sudhanshu Yoshi Sustainable Tourism Supply Chain Management
 David L. Edgell, Jason R. Swanson Tourism Policy and Planning: Yesterday, Today, and Tomorrow

Mapping of Program Outcome with Course Outcome

Weightage 1 : Weak 2: Moderate 3: Strong

| Course Outcome | Program Outcomes (Pos) | | | | | | | |
|----------------|------------------------|------|------|------|------|------|------|------|
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 |
| CO 1 | 2 | | | | | | 2 | |
| CO 2 | 2 | | | | | | 2 | |
| CO 3 | | 2 | | | | | | |
| CO 4 | | 2 | | | | | | |
| CO 5 | | | | | 2 | 2 | | |
| CO 6 | | | 2 | 2 | 2 | | | 2 |
| CO 7 | | | | | | | | |

Justification for the Mapping

PSO1. Knowledge of Economic Theories:

CO1. Knowledge of Tourism Industry: Students should acquire a strong foundation in the key concepts, principles, and components of the tourism industry, including its history, evolution, and global significance.

CO2. Destination Management: Understand how to effectively manage and market tourist destinations, including the development of tourism products, services, and experiences.

PSO2. Analytical Skills:

CO3. Marketing and Promotion: Learn the fundamentals of tourism marketing, including branding, advertising, and promotional strategies to attract tourists.

CO4. Hospitality Management: Gain knowledge of hospitality operations, including hotel and restaurant management, customer service, and guest experience management.

PSO3. Research and Writing Skills:

CO6. Tourism Policy and Regulations: Understand the legal and regulatory aspects of the tourism industry, including issues related to safety, security, and compliance.

PSO4. Policy Analysis:

CO6. Tourism Policy and Regulations: Understand the legal and regulatory aspects of the tourism industry, including issues related to safety, security, and compliance.

PSO5. Quantitative Skills:

CO5. Tourism Planning and Development: Study the principles of sustainable tourism development and destination planning, considering environmental, economic, and socio-cultural factors.

CO6. Tourism Policy and Regulations: Understand the legal and regulatory aspects of the tourism industry, including issues related to safety, security, and compliance.

PSO6. Communication Skills:

CO5. Tourism Planning and Development: Study the principles of sustainable tourism development and destination planning, considering environmental, economic, and socio-cultural factors.

PSO7. Critical Thinking:

CO1. Knowledge of Tourism Industry: Students should acquire a strong foundation in the key concepts, principles, and components of the tourism industry, including its history, evolution, and global significance.

CO2. Destination Management: Understand how to effectively manage and market tourist destinations, including the development of tourism products, services, and experiences.

PSO8. Professional Ethics:

CO6. Tourism Policy and Regulations: Understand the legal and regulatory aspects of the tourism industry, including issues related to safety, security, and compliance.

**SYLLABUS (CBCS as per NEP 2020) FOR M.A.II.Year
(W .e. from June, 2024)**

| | |
|------------------------------|---------------------------|
| Name of the Programme | : M.A |
| Subject | : Economics |
| Program Code | : PAECO |
| Class | : M.A. II. Year |
| Semester | : IV |
| Course Type | : Mandatory |
| Course Name | : Research Project |
| Course Code | : ECO-681-RP |
| No. of Lectures | : 90 |
| No. of Credits | : 06 |

A) COURSE OBJECTIVES :

1. Identifying the research problem.
2. Identify and discuss the role and importance of research in the social sciences.
3. Identify and discuss the issues and concepts salient to the research process.
4. Identify and discuss the complex issues inherent in selecting a research problem, selecting an appropriate research design, and implementing a research project.
5. Identify and discuss the concepts and procedures of sampling, data collection, analysis and reporting.
6. Researching the design or approach to the problem.
7. Collecting and analyzing the data and/or designing and validating the design.

B) COURSE OUTCOMES:

- CO1.** Students who successfully complete this course will be able to explain key research concepts and issues.
- CO2.** Students who successfully complete this course will be able to read, comprehend, and explain research articles in their academic discipline.
- CO3.** Carry out a substantial research-based project.
- CO4.** Demonstrate capacity to improve student achievement, engagement and retention.
- CO5.** Demonstrate capacity to lead and manage change through collaboration with others.
- CO6.** Demonstrate an understanding of the ethical issues associated with practitioner research.
- CO7.** Use research findings to advance education theory and practice.

Standard Operating Procedure (SOP) and Guidelines for Research Project:

1. The research project spans across Semester III (4 credits) and Semester IV (6 credits), comprising a total of 10 credits. This is a single, continuous research project divided into two parts over the two semesters of the PG program.

2. The research project must be completed under the supervision and guidance of an in-house research mentor.
3. In Semester III, students are required to present their plan of work and conduct a literature review related to their project.
4. The actual research work will be conducted during Semester IV.
5. The department may organize necessary lectures, workshops, and laboratory training exercises as part of the research project.
6. Students may undertake the research project individually or in groups of up to three members, selecting relevant research topics in consultation with their dissertation supervisor.
7. Supervisors will assist students in reading research articles relevant to selected research topic and guide them in selecting a topic for their dissertation project.
8. With the guidance of their supervisors, students will discuss the research objectives, approach, methodology, data collection methods, and other critical aspects of their project.
9. Students are expected to prepare a comprehensive proposal in a scientific format for their dissertation project.
10. A printed copy of the project proposal must be submitted for internal assessment.
11. Students must also prepare a PowerPoint presentation of their project proposal for the final evaluation.
12. Building on the project proposal from the previous semester, students will plan and engage in an independent and thorough investigation of their chosen research topic.
13. Students may engage in activities such as surveys, interviews, field observations, or experiments to achieve their research objectives.
14. Midway through the semester, students will present their preliminary findings to an internal examiner. Feedback from this session should be incorporated into the final analysis and report.
15. At the conclusion of the dissertation project, students will write a thesis that includes the aim, methodology, results, discussion, and future implications of their research.
16. Students must adhere to ethical principles and standards throughout all stages of their research.
17. A printed and hardbound copy of the dissertation thesis must be submitted for internal assessment.
18. Additionally, students will prepare a PowerPoint presentation of their dissertation thesis for the oral presentation during the Viva-voce, as part of the external evaluation.
19. For the external assessment, students must submit the final report and participate in a viva-voce.
20. The Project Report must be duly signed by the supervisor and the Head of the Department before being submitted to the concerned department.

The final Research Project thesis shall be presented in accordance with the following specifications whenever necessary:

- (a) The paper used for printing shall be of A4 size.
- (b) Printing shall be in a standardized form on both sides of the paper and in 1.5 line spacing.
- (c) A margin of 1.5 inches shall be on the left-hand side.

- (d) The card for cover shall not be more than 330 GSM.
- (e) The title of the thesis/dissertation, name of the candidate, degree, name of the Research Supervisor, place of research and the month and year of submission shall be printed on the title page and the front cover. The name of the Co-supervisor, if any, may be mentioned on the title page and the front cover.
- (f) Use the standard referencing style for bibliography/references as per the discipline.
- (g) The hard-bound cover of the thesis/dissertation shall be of black color.

TOPICS/CONTENTS

UNIT 1: Planning of fieldwork for data collection **(Teaching Hrs.25)**

- 1.1 Planning of fieldwork/survey, Define Research Topic
- 1.2 Preparation of questionnaire/field sheet/field book
- 1.3 Carrying out fieldwork/survey for primary data collection
- 1.4 Filling up questionnaires/collection of samples
- 1.5 Secondary data collection

UNIT 2: Laboratory analysis/data analysis **(Teaching Hrs.25)**

- 2.1 Sample analysis/questionnaire analysis to obtain data
- 2.2 Data entry and data rectification
- 2.3 Statistical analysis of the data
- 2.4 Representation of the data
- 2.5 Interpretation of the data

UNIT 3: Research project writing **(Teaching Hrs.25)**

- 3.1 Introduction
- 3.2 Literature Review
- 3.3 Study area
- 3.4 Objectives
- 3.5 Hypothesis
- 3.6 Methodology
- 3.7 Chapter Scheme (Main text of the project)
- 3.8 References

UNIT 4: Submission of research project and viva-voce **(Teaching Hrs.15)**

- 4.1 Submission of print copy of research project in prescribed format
- 4.2 Research project viva-voce

References-

1. Gomez, B., & Jones III, J. P. (Eds.). (2010). Research methods in geography: A critical introduction (Vol. 6). John Wiley & Sons.
2. Gomez, B., & Jones, J. P. III (2010). Research Methods in Geography: A Critical Introduction. John Wiley and Sons.
3. Goudie, A. (Ed) (2004): Encyclopedia of Geomorphology, Routledge, London.
4. Gregory, D., Johnston, R., Pratt, G., Watts, M. & Whatmore, S. (2009). The Dictionary of Human Geography. Singapore: Wiley-Blackwell.
5. Hay, I. (2000). Qualitative research methods in Human Geography.

MAPPING OF PROGRAM OUTCOME WITH COURSE OUTCOME**Weightage****1 : Weak****2: Moderate****3: Strong**

| Course Outcome | Program Outcomes (Pos) | | | | | | | | |
|----------------|------------------------|------|------|------|------|------|------|------|------|
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 |
| CO 1 | | | | | | 2 | | | |
| CO 2 | | 2 | | 3 | | | | 2 | |
| CO 3 | | | 2 | | | | | | |
| CO 4 | 2 | | | | | | | | |
| CO 5 | | | | | | | 2 | | |
| CO 6 | | | | | 3 | | | | |
| CO 7 | | | | | | | | | 2 |

Justification for the Mapping**PSO1. Comprehensive Knowledge and Understanding**

CO4. Demonstrate capacity to improve student achievement, engagement and retention

PSO2. Application of Knowledge and Skills

CO2. Students who successfully complete this course will be able to read, comprehend, and explain research articles in their academic discipline.

PSO3. Constitutional, Humanistic, Ethical, and Moral Values

CO3. Carry out a substantial research-based project

PSO4. Employability and Job-Ready Skills, and Entrepreneurship Skills

CO2. Students who successfully complete this course will be able to read, comprehend, and explain research articles in their academic discipline

PSO5. Autonomy, Responsibility, and Accountability

CO6. Demonstrate an understanding of the ethical issues associated with practitioner research

PSO6. Research Skills

CO1. Students who successfully complete this course will be able to explain key research concepts and issues

PSO7. Critical and Creative Thinking

CO5. Demonstrate capacity to lead and manage change through collaboration with others

PSO8. Problem-Solving Abilities

CO2. Students who successfully complete this course will be able to read, comprehend, and explain research articles in their academic discipline.

PSO9. Collaboration and Teamwork

CO7. Use research findings to advance education theory and practice.