



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

Autonomous

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

(2022 Pattern)

Choice Based Credit System Syllabus

To Be Implemented From Academic Year 2023-2024

Title of the Course: M.A.(Economics)**Preamble****Introduction:**

Tuljaram Chaturchand College has decided to change the syllabus of various faculties from June, 2022. 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. 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.

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 :

1. **Advanced Economic Knowledge:** The curriculum should aim to provide students with a comprehensive understanding of advanced economic concepts and theories, including microeconomics, macroeconomics, econometrics, and specialized areas of economics such as international trade, monetary economics, and development economics.
2. **Analytical Skills Development:** The curriculum should focus on developing students' analytical skills through rigorous training in quantitative methods, data analysis, and economic modeling. Students should be able to critically evaluate economic theories, analyze real-world economic problems, and make evidence-based policy recommendations.
3. **Research and Innovation:** The curriculum should foster a culture of research and innovation, encouraging students to engage in independent research, critically evaluate existing economic literature, and contribute to the advancement of economic knowledge. Students should be trained in research methodologies, academic writing, and presentation skills.
4. **Policy Analysis and Application:** The curriculum should equip students with the skills to analyse economic policy issues and apply economic concepts to real-world problems. This

includes understanding the policy-making process, evaluating the impact of economic policies, and designing effective economic policies to address socio-economic challenges.

5. **Global and Interdisciplinary Perspective:** The curriculum should incorporate a global and interdisciplinary perspective, exposing students to diverse economic systems, institutions, and policy environments. Students should also be encouraged to apply economic principles to interdisciplinary areas such as environmental economics, health economics, and social economics.
6. **Professional Development:** The curriculum should prepare students for careers in academia, government, international organizations, think tanks, and the private sector. This includes developing professional skills such as communication, teamwork, leadership, and ethical decision-making.
- 7.

: Programme Specific Outcomes (PSOs) (M. A. Economics) :

The program outcomes for a Master of Arts (M.A.) in Economics may vary depending on the specific university or institution offering the program. However, generally, the following are common program outcomes for an M.A. in Economics:

- PSO1.** 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.
- PSO2.** Analytical Skills: Graduates should be able to apply economic concepts and theories to analyse real-world economic issues, such as market behaviour, policy implications, and economic trends. They should also be able to critically evaluate economic research and data using statistical and econometric techniques.
- PSO3.** Research and Writing Skills: Graduates should have developed advanced research and writing skills, including the ability to conduct independent research, analyse economic data, and communicate their findings effectively through written reports, policy briefs, and other forms of economic writing.
- PSO4.** Policy Analysis: Graduates should be able to assess the impact of economic policies on various stakeholders and evaluate their effectiveness in achieving desired outcomes.
- PSO5.** 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.
- PSO6.** 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.
- PSO7.** 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.
- PSO8.** Professional Ethics: Graduates should understand and adhere to the professional ethics and standards of the economics field, including academic integrity, objectivity, and confidentiality in research and policy analysis.

Anekant Education Society's
Tuljaram Chaturchand College,
Baramati
Autonomous
Board of Studies in Economics

Sr. No.	Name	Designation
1.	Dr. Samadhan K. Patil	Chairman
2.	Mr. Sandeep B. Sable	Member
3.	Dr. Chandrakant P. Kamble	Member
4.	Dr. Rahul N. Dhumal	Member
5.	Mr. Krushna V. Kulkarni	Member
6.	Dr. Jyotiram S. Ghadage	Member
7.	Dr. Versha H. Bhosale	Member
8.	Dr. Abasaheb Shinde	Vice-Chancellor Nominee
9.	Dr. Naresh Bodake	Expert from other University
10.	Dr. Subhash Kombade	Expert from other University
11.	Mr. Prashanrt Raut	Industry Expert
12.	Dr. Arvind Rithe	Meritorious Alumni
13.	Mr. Shivam Ughade	PG Student
14.	Mr. Aniket Padale	PG Student
15.	Miss. Sonali Pawar	UG Student
16.	Miss. Shweta Lakhe	UG Student

M.A. ECONOMICS PROGRAMME CREDIT DISTRIBUTION PATTERN (86)

Class	Semester	Core Course	Elective Course			Ability Enhancement Compulsory Courses (AECC)		Total Credit
			Discipline Specific Elective	Dissertation Project	Generic Elective Course	Ability Enhancement Compulsory Courses	Skill Enhancement Courses	
M.A. I	I	4 papers 4 x 4= 16 Credits	-	-	HR – I 2 Credit CS – I 2 Credit	-	-	20
	II	4 papers 4 x 4= 16 Credits	-	-	CS – II 2 Credit	Subject Related Certificate Course 2 Credit	-	20
M.A. II	III	4 papers 4 x 4= 16 Credits	-	-	Introduction to Constitution 02 Credit	-	Subject Related Skill Dev. Course I 2 Credit	22
							Skill Based Subject 2 Credits	
	IV	3 papers 3 x 4= 12 Credits	Elective Paper (A) 4 Credit <u>OR</u> Paper (B) 4 Credits	1 Project = 4 Credits	-	-	Subject Related Skill Dev. Course II 2 Credit	24
Total Credits		60	4	4	8	2	8	86

Mandatory 14 additional/ add-on credits for Post Graduate Programmes**Note:**

1. 12credits from Group - 1 are compulsory
2. Choose minimum 2credits from Group - 2 to Group - 7

Group-1	Human Rights Awareness Course (Semester-I):		02 credit
	Cyber Security Awareness Course (Semester-I)		02 credit
	Cyber Security Awareness Course (Semester-II)		02 credit
	Introduction to Constitution (Semester –III)		02 credit
	Subject Related skill development courses (Sem III)		02 credit
	Subject Related skill development courses (Sem IV)		02 credit
Group-2 Skill Component Courses	1. Subject Related Certificate Course (Sem. II)		02 credits
Group-3	(a)	Representation in Sports at University Level	02 credits
	(b)	Representation in Sports at State Level / National level	02 credits
	(c)	Representation in Sports at International (overseas) Level	04 credits
Group-4	(a)	Selection in AVISHKAR at University Level	02 credits
Group-5	(a)	Research paper publication at National level	02 credits
	(b)	Research paper publication at International (overseas) level	02 credits
Group-6	(a)	Participation in Summer School/ Internship programme / Short term course (not less than 2 weeks duration)	02 credits
Group-7	(a)	Participation in cultural and co curricular activities/ extracurricular activities/competitions at University level / State Level	02 credit
	(b)	Participation in cultural and co curricular activities / extracurricular activities/ competitions at International (overseas) level	02 credits

Note:

1. One Credit = 15Teaching hrs.. .
2. The Project should be initiated at on the onset of III Semester and submitted during IV Semester.
3. Theory paper be covered with 70% actual teaching (3 actual Teaching hrs. per week) and 30% Component (1 lecture per week) of self-study should be further evaluated through group discussion / Seminar / Open Book Test / MCQ / Essay writing / Assignment etc.

Department of Economics
Course Structure for M.A. Economics
With effect from Academic Year 2022-2023

Sem.	Paper Code	Title	No. of Credits
I	PAEC111	Micro Economic - I	04
	PAEC112	Public Finance- I	04
	PAEC113	International Economics I	04
	PAEC114	Indian Economic Policy - I	04
	HR-101	Human Rights	02
	CYS-101	Introduction to Cyber Security - I	02
II	PAEC121	Micro Economic - I	04
	PAEC122	Public Finance - I	04
	PAEC123	International Economics I	04
	PAEC124	Indian Economic Policy - I	04
	CYS-102	Introduction to Cyber Security - II	02
	CC-111	Stock Market Analysis	02
III	PAEC231	Macro Economic I	04
	PAEC232	Economics of Growth and Development - I	04
	PAEC233	Agribusiness Economics - I	04
	PAEC234	Research Methodology	04
		Introduction to Constitution	02
	PAEC SD-11	Computer Application - I	02
	PAEC SD-12	Tourism Management - I	02
IV	PAEC241	Macro Economic II	04
	PAEC242	Economics of Growth and Development - II	04
	PAEC243	Agribusiness Economics - II	04
	PAEC244	Modern Banking OR History of Economic Thought	04
	PAEC SD-21	Computer Application - II	02
	PAEC SD-22	Tourism Management - II	02
	PAEC PR- I	Project	04

**SYLLABUS (CBCS) FOR M.A. ECONOMICS JUNE 2023
ACADEMIC YEAR 2023-2024
SUBJECT - Economics**

CLASS- M.A. Part II (Semester IV) Paper Code : PAEC241

TITLE OF PAPER – MACRO ECONOMICS - II

CREDIT: 4

TEACHING HRS.: 60

A) Course Objectives:

1. Students will describe the main macroeconomic theories of short-term fluctuations and long term growth in the economy.
2. Students will critically evaluate the consequences of basic macroeconomic policy options under differing economic conditions within a business cycle.
3. 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. 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. Students will demonstrate their knowledge of the fundamental and technical concepts of economics.
6. Explain the mechanism by which market operations affect the money supply and interest rates.
7. Students will apply the basic theories of economics in critical thinking and problem solving.

B) Course Outcome:

- CO1.** Understand the basics of national income accounting.
CO2. Understand the causes and consequences of business cycles.
CO3. Understand the roles of fiscal and monetary policy in fighting recessions and inflation.
CO4. Understand factors that contribute to and detract from long-term economic growth.
CO5. Apply economic reasoning to understand the operation of an economy.
CO6. Understand the interaction between the domestic economy and the rest of the world.
CO7. Apply basic international trade and finance concepts to global pricing issues, including working with interest rates.

Topic/Content

Unit: 1 Money and Liquidity

(15 Teaching hrs.)

- 1.1 Definitions of Money, functions of money, concept of liquidity. Measures of Money
- 1.2 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

(15 Teaching hrs.)

- 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
- 2.4 Fishers QTM, Cambridge Cash Balance
- 2.5 Baumol-Tobin theory of Transactions Demand for money.

Unit 3: Money Supply and Inflation

(15 Teaching hrs.)

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

Unit4: Theories of Interest Rates, Monetary Policy, and Macro economy (15 Teaching hrs.)

- 4.1 theories of the interest rate Loanable funds theory, Heterogeneity of interest rate Determination
- 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 Rate.

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, Cambridge University 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.
9. Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.
10. Kindleberger, C.P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.
11. Economics Meier, G.M. (1995), Leading Issues

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		2	
CO 2	2					2	2	
CO 3	2					2		2
CO 4								
CO 5			2					
CO 6		2		2				
CO 7		2		2				

Justification for the Mapping

PSO1. Knowledge of Economic Theories:

CO1. Understand the basics of national income accounting.

CO2. Understand the causes and consequences of business cycles.

CO3. Understand the roles of fiscal and monetary policy in fighting recessions and inflation.

PSO2. Analytical Skills:

CO6. Understand the interaction between the domestic economy and the rest of the world.

CO7. Apply basic international trade and finance concepts to global pricing issues, including working with interest rates.

PSO3. Research and Writing Skills:

CO5. Apply economic reasoning to understand the operation of an economy.

PSO4. Policy Analysis:

CO6. Understand the interaction between the domestic economy and the rest of the world.

CO7. Apply basic international trade and finance concepts to global pricing issues, including working with interest rates.

PSO5. Quantitative Skills:

CO1. Understand the basics of national income accounting.

PSO7. Critical Thinking:

CO2. Understand the causes and consequences of business cycles.

CO3. Understand the roles of fiscal and monetary policy in fighting recessions and inflation.

PSO7. Professional Ethics:

CO7. Apply basic international trade and finance concepts to global pricing issues, including working with interest rates.

PSO8. Professional Development:

CO3. Understand the roles of fiscal and monetary policy in fighting recessions and inflation.

SYLLABUS (CBCS) FOR M.A. ECONOMICS w.e.f JUNE 2023

ACADEMIC YEAR 2023-2024

SUBJECT - Economics

CLASS- M.A Part II(Semester IV) Paper Code:PAEC242

TITLE OF PAPER –Economics of Growth and Development –II

CREDIT: 4

TEACHING HRS.: 60

A) Course Objectives:

1. **Conceptual Foundations:** To familiarize students with foundational growth models and their underpinnings, such as the Harrod Domar and Joan Robinsons models.
2. **Alternative Viewpoints:** To explore alternative approaches to growth, including those rooted in technical change and endogenous growth theories.
3. **Dualistic & Dependency:** To delve into the nuanced perspectives of dualistic theories and the dependency theory of underdevelopment.
4. **Global Practices:** To examine empirical models that developing countries have adopted, with a focus on prominent Asian economic paradigms.
5. **Development Strategies:** To shed light on the various measures and strategies countries adopt for economic development, with a focus on sectors like agriculture and trade.
6. **Human Capital & Entrepreneurship:** To emphasize the importance of human capital formation, entrepreneurship, and their roles in economic development.
7. **Holistic Understanding:** To enable a comprehensive understanding by juxtaposing theoretical models with real-world case studies.

B) Course Outcomes:

CO1. Model Application: Students will be able to critically analyze and apply growth models to various economic scenarios, recognizing their limitations and advantages.

CO2. Technical Change Insight: Graduates will distinguish between different types of technical changes, understanding their impacts on economic growth.

CO3. Endogenous Growth Understanding: Students will grasp the intricacies of the New Endogenous Growth Theory, distinguishing between the models proposed by Arrow, Lucas, and Romar.

CO4. Global Context: By analyzing empirical models, students will understand how countries like Japan and China have shaped their economic trajectories.

CO5. Development Strategy Formulation: Graduates will be able to suggest economic development strategies based on the course's teachings, understanding the role of sectors like agriculture and trade.

CO6. Human Capital Appreciation: Students will understand the crucial role of human capital formation and entrepreneurship in the context of economic development.

CO7. Critical Thinking: Armed with both theoretical knowledge and real-world examples, students will be equipped to critically evaluate and discuss growth strategies, models, and their implications in diverse contexts.

Topics / Contents**Unit-I Sources of Growth** **15 Teaching hrs.**

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

Unit-II Alternative approaches to Growth **15 Teaching hrs.**

- 2.1 The Models of Technical Change- Neutral and Non-Neutral Technical Change, Embodied and Disembodied Technical Change
- 2.2 Dualistic Theories- Social, Technological and Financial Dualism
- 2.4 Dependency Theory of Underdevelopment
- 2.5 Limits to Growth

Unit-III Empirical Models Followed by Developing Countries **15 Teaching hrs.**

- 3.1 Flying Geese Paradigm
- 3.2 Japanese Model
- 3.3 East Asian Model of Capitalism
- 3.4 Chinese Market Economy Model
- 3.5 Russia's Glasnost and Perestroika and India's LPG

Unit-IV Measures for Economic Development **15 Teaching hrs.**

- 4.1 Changes in the Role of Agriculture during the process of Economic Development
- 4.2 Population Growth and Economic Development
- 4.3 Human Capital Formation and Entrepreneurship
- 4.4 Role of Foreign Trade in Economic Development

References:

1. Economics of Development and Planning- M L Jhingan, Vrinda Publication, Delhi
2. Vriddhi ani Vikasache Arthashastra (Marathi) - Ed. By J F Patil, Phadake Prakashan, Kolhapur.
3. Chun, Lin (5 December 2013). China and Global Capitalism. Palgrave Macmillan. p. 78. ISBN978-1137301253.
4. Kuznets, Paul W. (April 1988). "An East Asian Model of Economic Development: Japan, Taiwan, and South Korea". Economic Development and Cultural Change. **36** (S3): S11–S43

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								
CO 2	2							
CO 3								
CO 4					2			
CO 5								
CO 6		2				2		2
CO 7			2	2			2	

Justification for the Mapping

PSO1. Knowledge of Economic Theories:

CO2. Technical Change Insight: Graduates will distinguish between different types of technical changes, understanding their impacts on economic growth.

PSO2. Analytical Skills:

CO6. Human Capital Appreciation: Students will understand the crucial role of human capital formation and entrepreneurship in the context of economic development.

PSO3. Research and Writing Skills:

CO7. Critical Thinking: Armed with both theoretical knowledge and real-world examples, students will be equipped to critically evaluate and discuss growth strategies, models, and their implications in diverse contexts.

PSO4. Policy Analysis:

CO7. Critical Thinking: Armed with both theoretical knowledge and real-world examples, students will be equipped to critically evaluate and discuss growth strategies, models, and their implications in diverse contexts.

PSO5. Quantitative Skills:

CO4. Global Context: By analyzing empirical models, students will understand how countries like Japan and China have shaped their economic trajectories.

PSO6. Communication Skills:

CO6. Human Capital Appreciation: Students will understand the crucial role of human capital formation and entrepreneurship in the context of economic development.

PSO7. Critical Thinking:

CO7. Critical Thinking: Armed with both theoretical knowledge and real-world examples, students will be equipped to critically evaluate and discuss growth strategies, models, and their implications in diverse contexts.

PSO8. Professional Ethics:

CO7. Critical Thinking: Armed with both theoretical knowledge and real-world examples, students will be equipped to critically evaluate and discuss growth strategies, models, and their implications in diverse contexts.

PSO8. Professional Development:

CO6. Human Capital Appreciation: Students will understand the crucial role of human capital formation and entrepreneurship in the context of economic development.

**SYLLABUS (CBCS) FOR M.A. ECONOMICS w.e.f JUNE 2023
ACADEMIC YEAR 2023-2024**

SUBJECT - Economics

CLASS- M.A Part II (Semester IV) Paper Code : PAEC243

TITLE OF PAPER –Agribusiness Economics - II

CREDIT: 4

TEACHING HRS.: 60

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.

Chapter : 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.

Chapter: 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 Growth rate of agricultural production, comparison of per worker agricultural
- 2.5 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
- 5.5 WTO ministerial meeting and 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 analyze 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 analyze 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) FOR M.A.ECONOMICS w.e.f JUNE 2023
ACADEMIC YEAR 2023-2024
SUBJECT - Economics
CLASS- M.A Part II (Semester IV) Paper Code: PAEC244
TITLE OF PAPER – Modern Banking

CREDIT: 4**TEACHING HRS.: 60****A) Learning Objectives:**

- 1) To understand the basic concepts of Modern Banking.
- 2) To aware the students about the changing scenario of the modern banking.
- 3) To aware the students about new Technology in Banking.
- 4) Describe the working of commercial banks.
- 5) Understand the role and functioning of RBI.
- 6) To make students understand the various components of the Indian Financial System
- 7) To provide an insight into the functioning of Indian Financial System

B) Learning Outcome:

- CO1.** The main outcome of this course is acquaint students with various aspects of financial system, role ,structure, performance and the current problems faced by the banking sector in India
- CO2.** They will be able to describe fundamental concepts behind modern e-banking/ mobile banking technologies.
- CO3.** Students will be able to understand the Structure of Indian Banking and financial market as well Students will gain good command and understanding of banking system and banks and will be able to perform tasks confidently.
- CO4.** Develop their understanding and expertise in various matters relating to operations of a commercial bank.
- CO5.** Students will be able to Analyze the performance of Non-Banking financial institutions and the measures for NBFC given by RBI.
- CO6.** Understand and remember the basics of Indian Financial System with the help of recent changes being adopted.

TOPICS / CONTENTS**Unit 1: Introduction****(Teaching hrs. 15)**

- 1.1 Nature, structure, Functions, and role of financial system in economic development.
- 1.2 Money market and capital market.
- 1.3 Theories of Financial Development.
- 1.4 Investment policy of a bank- liquidity, safety and profitability.
- 1.5 Balance sheet of a commercial bank.

Unit 2: Modern Banking in India**(Teaching hrs. 15)**

- 2.1 Evolution, role, Structure of Banking in India.
- 2.2 Commercial Bank –Functions, Credit Creation, New Technology in Banking.
- 2.3 Reserve Bank of India.
- 2.4 Changing trends in banking sector since 1991.
- 2.5 Foreign banks in India and their impact on Indian banking sector.

Unit 3: Non-banking Financial Institutions in India- (Teaching hrs. 15)

- 3.1 Meaning, Types and features of Non-banking Financial Institutions in India.
- 3.2 Role of the Non-banking Financial Institutions in India.
- 3.3 Functions of Non-banking Financial Institutions in India.
- 3.4 Distinction between Banking and Non-Banking Financial Institutions.
- 3.5 Regulation & Performance of Non-Banking Financial Institutions in India.

Unit 4: International Financial Markets (Teaching hrs. 15)

- 4.1 Nature and role of foreign exchange market.
- 4.2 Recent trends in the exchange rates and its impact on Indian economy.
- 4.3 Forms of foreign capital – Foreign Direct Investment [FDI], Pros and cons for FDI in India,
- 4.4 Regulation of foreign investments – Foreign Investments Promotion Board.
- 4.5 Working and role of IMF, IBRD, IDA, IFC.

List of Prescribed Books

- 1) Bhole, L. M. [2000] 'Indian Financial System,' Chugh Publications, Allahabad.
- 2) Bhole, L. M. [2012]. 'Financial Institutions and Markets,' Tata McGraw Hill Co. Ltd. New Delhi.
- 3) Pathak, Bharati.[2009]'The Indian Financial System,' Pearson Education Publication, New Delhi.
- 4) Harker, P.T. and S. A. Zenios.[2000]Ed. 'Performance of Financial Institutions, CUP, UK.
- 5) Prasad, K.N.[2001] 'Development of India's Financial System,' Sarup and Sons, New Delhi.
- 6) D. Muralidharan.[2009]'Modern Banking Theory and Practice,' PHI Learning Pvt. Ltd. New Delhi.
- 7)Sharma, K.C.[2007]'Modern Banking in India,' Deep and Deep Pub. New Delhi.
- 8) Uppal,R.K. [2009]' Modern Banking in India – Dimensions and Risk' New Century Pub. New Delhi.
- 9) Shiller, Robert J.[2008] 'The Sub-Prime Solutions- How Today's Global Financial Crisis happened and what to do about it.'
- 10) International Banking' Ed. MacMillan Pvt. Ltd. 2011. Indian Institution of Banking and Finance, New Delhi.

Other Readings-

- 1) RBI Annual Reports and web site
- 2) Reports on Currency and Finance
- 3) Basel Committee Report on Banking Supervision, 2001.
- 4) RBI Bulletins, Economic and Political Weekly issues, Prajnan [NIBM], Daily the Economic Times etc.

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					2	
CO 4		2		2			2	2
CO 5				2				2
CO 6					2			2
CO 7					2			

Justification for the Mapping

PSO1. Knowledge of Economic Theories:

CO1. The main outcome of this course is acquaint students with various aspects of financial system, role ,structure, performance and the current problems faced by the banking sector in India

CO2. They will be able to describe fundamental concepts behind modern e-banking/mobile banking technologies.

PSO2. Analytical Skills:

CO3. Students will be able to understand the Structure of Indian Banking and financial market as well Students will gain good command and understanding of banking system and banks and will be able to perform tasks confidently.

CO4. Develop their understanding and expertise in various matters relating to operations of a commercial bank.

PSO3. Research and Writing Skills:

CO1. The main outcome of this course is acquaint students with various aspects of financial system, role ,structure, performance and the current problems faced by the banking sector in India

CO2. They will be able to describe fundamental concepts behind modern e-banking/mobile banking technologies.

PSO4. Policy Analysis:

CO4. Develop their understanding and expertise in various matters relating to operations of a commercial bank.

CO5. Students will be able to Analyze the performance of Non-Banking financial institutions and the measures for NBFC given by RBI.

PSO5. Quantitative Skills:

CO5. Students will be able to Analyze the performance of Non-Banking financial institutions and the measures for NBFC given by RBI.

CO6. Understand and remember the basics of Indian Financial System with the help of recent changes being adopted.

PSO7. Critical Thinking:

CO3. Students will be able to understand the Structure of Indian Banking and financial market as well Students will gain good command and understanding of banking system and banks and will be able to perform tasks confidently.

CO4. Develop their understanding and expertise in various matters relating to operations of a commercial bank.

PSO8. Professional Ethics:

CO4. Develop their understanding and expertise in various matters relating to operations of a commercial bank.

CO5. Students will be able to Analyze the performance of Non-Banking financial institutions and the measures for NBFC given by RBI.

CO6. Understand and remember the basics of Indian Financial System with the help of recent changes being adopted.

**MA Second Year
Skill Development Course (PG)Sem VI**

2 Credits

32 Teaching hrs.

Computer Application – II (PAEC SD-21)

A) Course Objectives:

1. **Foundation of Computer Basics:** To impart foundational understanding about operating systems, computer networks, and internet applications, along with the art of creating and enhancing presentations.
2. **Application of Excel in Economics:** To train students in the effective utilization of Excel for performing basic statistical operations, both in theory and practice.
3. **Introduction to Data Management:** To provide insights into data management tools, emphasizing MS-Excel functionalities and introducing Database Management Systems (DBMS) with their fundamental concepts.
4. **E-Commerce and E-Banking Overview:** To offer an overview of the e-commerce landscape, its business models, security aspects, e-payment systems, and the essentials of e-banking.
5. **Cyber Awareness:** To equip students with a foundational understanding of cyber-crime and the laws governing the cyber space.
6. **Practical Application:** To focus on hands-on training and practical application of the theoretical concepts imparted during the course.
7. **Research & Reference:** To encourage students to delve deeper into the subject using the provided references, thereby promoting self-study and research.

B) Course Outcomes:

CO1. Proficiency in Computer Basics: Upon completion, students will be proficient in understanding operating systems, different types of computer networks, and creating power point presentations.

CO2. Mastery over Excel for Economics: Students will be adept at utilizing Excel for basic statistical operations like calculating Mean, Mode, Median, and Deviation.

CO3. Data Management Skills: Students will acquire skills to manage data using tools like MS-Excel and will gain a foundational understanding of DBMS and its basic terminologies.

CO4. E-Commerce & E-Banking Knowledge: Graduates will have a thorough understanding of the fundamentals of e-commerce, its business models, e-payment systems, and the need and functioning of e-banking.

CO5. Awareness of Cyber Threats & Laws: Students will become aware of potential cyber threats, understand the basics of cyber-crime, and have a foundational knowledge about cyber laws.

CO6. Hands-on Experience: Through the practical aspects of the course, students will gain hands-on experience and will be ready to apply their knowledge in real-world scenarios.

CO7. Research Skills: Using the reference books, students will develop the ability to conduct independent research, enhancing their knowledge beyond the classroom syllabus.

Topics/Contents**Unit-I Application of Excel in Economics****10 Teaching hrs.**

- 2.1 Basic Statistical Operations- Theory - Mean, Mode, Median, Deviation
- 2.2 Basic Statistical Operations- Practical - Mean, Mode, Median, Deviation
- 2.3 Preparing Different Types of Charts, Tables and Diagrams using Excel

Unit-II Data Management tools**10 Teaching hrs.**

- 3.1 Introduction to Data Management Tools
- 3.2 MS-Excel Basics, Functions, Charts, Sorting Data, Filtering Data
- 3.3 Introduction to DBMS, Definitions, Role, Purpose and Advantages of Databases
- 3.4 Basic Concepts of Data, Information, File, Record, Tables and Relationship

Unit-III Overview of E-Commerce and E-Banking**10 Teaching hrs.**

- 4.1 Introduction to E-Commerce, E-Commerce Business Models, Security in E-Commerce
- 4.2 E-Payment Systems
- 4.3 Introduction, Definition, Concept, Need of E-Banking.
- 4.4 Introduction to Cyber-Crime and Cyber Law

References:

1. Kahate, A. (2008) Information Technology, 3rd Edition, Me Graw Hill, New Delhi
2. Sinha, P.K & P. Sinha (2004) Computer Fundamentals, 6th Edition, BPB Publications, 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
CO 1	2							
CO 2	2							
CO 3			2					
CO 4			2					
CO 5					2			
CO 6				2	2			
CO 7		2		2		2	2	2

Justification for the Mapping

PSO1. Knowledge of Economic Theories:

CO1. Proficiency in Computer Basics: Upon completion, students will be proficient in understanding operating systems, different types of computer networks, and creating power point presentations.

CO2. Mastery over Excel for Economics: Students will be adept at utilizing Excel for basic statistical operations like calculating Mean, Mode, Median, and Deviation.

PSO2. Analytical Skills:

CO7. Research Skills: Using the reference books, students will develop the ability to conduct independent research, enhancing their knowledge beyond the classroom syllabus.

PSO3. Research and Writing Skills:

CO3. Data Management Skills: Students will acquire skills to manage data using tools like MS-Excel and will gain a foundational understanding of DBMS and its basic terminologies.

CO4. E-Commerce & E-Banking Knowledge: Graduates will have a thorough understanding of the fundamentals of e-commerce, its business models, e-payment systems, and the need and functioning of e-banking.

PSO4. Policy Analysis:

CO6. Hands-on Experience: Through the practical aspects of the course, students will gain hands-on experience and will be ready to apply their knowledge in real-world scenarios.

CO7. Research Skills: Using the reference books, students will develop the ability to conduct independent research, enhancing their knowledge beyond the classroom syllabus.

PSO5. Quantitative Skills:

CO4. E-Commerce & E-Banking Knowledge: Graduates will have a thorough understanding of the fundamentals of e-commerce, its business models, e-payment systems, and the need and functioning of e-banking.

CO6. Hands-on Experience: Through the practical aspects of the course, students will gain hands-on experience and will be ready to apply their knowledge in real-world scenarios.

PSO6. Communication Skills:

CO7. Research Skills: Using the reference books, students will develop the ability to conduct independent research, enhancing their knowledge beyond the classroom syllabus.

PSO7. Critical Thinking:

CO7. Research Skills: Using the reference books, students will develop the ability to conduct independent research, enhancing their knowledge beyond the classroom syllabus.

PSO7. Professional Ethics:

CO6. Hands-on Experience: Through the practical aspects of the course, students will gain hands-on experience and will be ready to apply their knowledge in real-world scenarios.

PSO8. Professional Development:

CO7. Research Skills: Using the reference books, students will develop the ability to conduct independent research, enhancing their knowledge beyond the classroom syllabus.

MA Second Year**Skill Based Subjects Sem- IV (PAEC SD 22)****2 Credits****Tourism Management – II****32 Teaching hrs.****A) Course Outcome :**

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 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.
- 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.
- 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.

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

- 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**(11 Teaching hrs.)**

- 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**(11 Teaching hrs.)**

- 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.