

# M. A. Economics / Applied Economics Semester I (2023-25)

	*			TE	ACHINO	G &EVALU	JATION	SCH	IEME		
		*	TI	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
MAECO101	СС	Advanced Microeconomics I	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEO1: To demonstrate the inter-linkages of various microeconomic theories.

CEO2: To impart the students with the knowledge about consumer behavior and decisionmaking pertaining to production.

CEO3: To help the students to understand and analyze the consumer's surplus in the markets.

CEO4: To familiarize the students with the theories related to production.

CEO5: To describe various theories of cost analysis of the firms.

#### Course Outcomes:

Students shall be able to:

CO1: Compare the different micro economic theories.

CO2: Infer various economic terms related to consumer behavior and production.

CO3: Point out various uses of consumer's surplus in the market.

CO4: Develop an in-depth understanding of the production process and related theories.

CO5: Formulate various costs related to the production process.

#### Contents

#### **UNIT I: Introduction**

Scope and Method of Microeconomics, Economic Terms: Production, Distribution, and Consumption; Factors of Production; Economic Problem: Scarcity and Choice; Opportunity Cost; Production Possibility Curve.

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MAECO101	cc	Advanced Microeconomics I	60	20	20	0	0	3	0	0	3	

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

### UNIT II: Theory of Consumer Behavior

Cardinal Utility: Law of Diminishing Marginal Utility; Law of Equi-Marginal Utility; Indifference Curve: Definition and Properties

### UNIT III: Theory of Production

Production Function: Cobb-Douglas; Law of Variable Proportions, Returns to Scale, Isoquant: Meaning and Curve.

## **UNIT IV: Technological Choice**

Least Cost Factor Combinations: Cost Function, Iso Cost Line, Shifts in Iso Cost Line.

### **UNIT V: Cost Analysis**

Opportunity Costs, Economic Costs; Short Run Cost Curves: Total Fixed and Variable Costs, Average Fixed and Variable Costs, Marginal Cost.

#### Suggested Readings:

- 1. Ahuja, H. L. (2021). Modern Economics. New Delhi: S. Chand & Company Ltd.
- 2. Chaturvedi, Gupta & Pal. (2020). Business Economics. Galgotia Publishing Company.
- 3. Dwevedi, K. K. (2019). Modern Economic Theory. New Delhi; S. Chand & Company Ltd.
- 4. Misra S. K. & Puri, V. K. (2021). Advanced Microeconomic Theory. Himalaya Publishing.

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	Р	CREDITS	
MAECO102	CC	Statistical Methods	60	20	20	0	0	3	0	0	3	

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

### Course Educational Objectives:

CEO1: To develop the student's ability to deal with numerical and quantitative issues in analysis of data.

CEO2: To enable students to use statistical, graphical, and algebraic techniques wherever relevant.

CEO3: To have a proper understanding of Statistical applications in Economics.

CEO4: To impart the concepts of decision-making process using statistical tools.

CEO5: To make the students learn about constructing models of various economic problems using regression and correlation analysis.

#### Course Outcomes

Students shall be able to:

CO1: Transform and tabulate data sets into various types of data.

CO2: Design a range of problems using the techniques covered.

CO3: Estimate basic statistical analysis of data.

CO4: Develop the ability to interpret the numerical information that forms the basis of decision-making.

CO5: Model various economic problems using concepts of regression and correlation analysis.

#### Contents

#### UNITI: Introduction .

Introduction to Statistics; Meaning and Scope; Data - Types of Data; Measurement of Scale; Individual and Discrete Frequency Distribution; Continuous Distribution.

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MAECO102	CC	Statistical Methods	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## UNIT II: Measures of Central Tendency

Individual and Discrete Frequency Series: Arithmetic Mean; Median, Mode; Geometric Mean, Harmonic Mean.

### UNITIII: Measures of Dispersion

Mean Deviation, Standard Deviation, Lorenz Curve, Coefficient of Variation

### UNIT IV: Skewness, Moments, and Kurtosis

Meaning of Skewness; Meaning of Moments; Meaning of Kurtosis; Measure and Types of Kurtoses.

### UNIT V: Correlation and Regression Analysis

Karl Pearson's Coefficient of Correlation; Spearman Rank Correlation; Meaning of Regression analysis; Calculation of Regression Equations using Least Square Method.

### Suggested Readings:

- 1. Gupta, S. P. (2021). Fundamental of Statistics. Mumbai; Himalaya Publishing House.
- 2. Gupta, S. P. & Gupta, M. P. (2020). Business Statistics. New Delhi; S. Chand &Co.
- 3. Jhunjhunwala, B. (2018). Business Statistics, New Delhi; S. Chand and Co. Ltd.
- 4. Singh, D. (2021). Principles of Statistics, New Delhi; Atlantic Publishers and Distr.
- 5. Allen, R. G. D. (1951). Statistics for Economics. New York; Hutchinson

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MAECO103	СС	Advanced Macroeconomics I	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

**CEO1**: To enable students to apply economic reasoning to understand the operation of an economy at macro level.

CEO2: To make students understand the interaction between various macroeconomic concepts.

CEO3: To list the predictions of some of the important macroeconomic phenomena in a real-world economy.

CEO4: To make the students learn about the multiplier and investment functions.

CEO5: To deconstruct the inter-linkage between unemployment and wages.

#### Course Outcomes:

Students shall be able to:

CO1: Formulate and assess macroeconomic policy suggestions.

CO2: Elaborate various macroeconomic concepts.

CO3: Predict macroeconomic phenomena in a real economy.

CO4: Break down the multiplier and investment functions.

CO5: Compare the relationship between unemployment and wages.

#### Contents

### **UNIT I: Foundations of Macroeconomics**

Origin and Roots; Circular Flow of Income; Classical Theory of Employment - Say's Law of Market

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MAECO103	cc	Advanced Macroeconomics I	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## **UNIT II: National Income**

National Income and National Product: GDP, GNP, NDP, NNP; Concepts of Factor Cost and Market Prices; Measurement of National Income: Expenditure Method

# UNIT III: Keynesian Theory of Employment

Keynesian Theory of Employment: Effective Demand, Aggregate Demand and Aggregate Supply Functions, Problem of Demand Deficiency.

## UNIT 1V: Determination of National Income

Determination of National Income in Keynes's - Two Sector Model: Aggregate Output Line, Ex-Post and Ex-Ante Saving and Investment, Saving-Investment Approach.

## UNIT V: Consumption Function and Post Keynesian Theories of Consumption

Propensity to Consume (Average and Marginal), Propensity to Save (Average and Marginal), Keynes's Psychological Law of Consumption; Relative Income Hypothesis.

### Suggested Readings:

- Ahuja H. L. (2021). Macroeconomic Theory and Policy, New Delhi; S. CHAND and Company Limited.
- 2. Rudiger, D., and Stanley, F. R. (2020). *Macroeconomics*, New Delhi; Tata McGraw-Hill. Publishing Co. Ltd.
- 3. David. R. (2021). Advanced Macroeconomics, New Delhi; Tata McGraw-Hill International Edition.

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# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore Shri Vaishnav Institute of Social Sciences, Humanities and Arts Choice Based Credit System (CBCS) in Light of NEP-2020 M. A. Economics / Applied Economics

M. A. Economics / Applied Econom Semester I (2023-25)

				TE	ACHINO	&EVALU	JATION	SCI	IEME		
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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS
MAECO104	СС	Indian Economic Policy	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEO1: To make the students understand the framework of Indian economy.

CEO2: To develop a basic understanding of development strategies in India.

CEO3: To explain the sectoral performances related to agriculture and industry.

CEO4: To discuss the sectoral performances related to infrastructure and finance.

CEO5: To understand the policy making process in India.

#### Course Outcomes:

Students shall be able to:

CO1: Formulate a sense of the framework of Indian economy.

CO2: Recognize the strategies of development in India.

CO3: Evaluate the sectoral performances related to agriculture and industry.

CO4: Measure the sectoral performances related to agriculture and industry.

CO5: Compare various policies based on their performance.

#### Contents

## UNIT I: Framework of Indian Economy

Economic Policy: An Introduction, Trend National Income; Inequality and Growth: Policy Implications; Employment and Unemployment: Policy Implications

### UNIT II: Development Strategies in India

NITI Aayog- A Critical Appraisal; Economic Reforms in India in Contemporary Perspective; Policies of Poverty Removal: MNREGA, Jan Dhan Yojana

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS	
MAECO104	cc	Indian Economic Policy	60	20	20	0	0	3	0	0	3	

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

#### UNIT III: Sectoral Performance -I

Agricultural Growth, Issues and Concerns in Indian Agriculture, Industrial Sector in Pre-Reform Period and Post-Reform Period with Emphasis on PLI

#### UNIT IV: Sectoral Performance - II

Infrastructure, Indian Financial System: The Monetary Policy Committee and its Role in Money Market Control, Capital Marketing in India, and Working of SEBI

#### UNIT V: Economic Planning in India

Rational Features and Objective, the Strategy of Planning, Resource Relocation in Indian Plans: NITI Aayog Action Plans: India 2030

#### Suggested Readings

- Puri, V. K., & Mishra, S. K., (2021). *Indian Economy*; New Dehli; Himalaya Publishing House.
- Gaurav, D., & Ashwini, M. (2022). Indian Economy; New Dehli S Chand Publication.
- 3. Kapila, Uma. (2022). *Indian Economy: Performance and Policy*; New Dehli; Academic Foundation.
- 4. Jalan, Bimal, (2021). The Indian Economy: Problems and Prospects, U.K; Penguin Publications.

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS
MAECO105	СС	Foundations of Economic Research	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEO1: To make the students understand fundamentals of research.

CEO2: To develop a basic understanding of hypothesis and research design.

CEO3: To explain various methods of data collection.

CEO4: To discuss different sampling techniques with the students.

CEO5: To understand the art of report writing in research.

### **Course Outcomes:**

Students shall be able to:

CO1: Formulate research problem.

CO2: Recognize the methods of research design.

CO3: Collect data through different sources.

CO4: Interpret different methods of sampling techniques.

CO5: Construct a research report.

#### Contents

#### **UNIT I: Introduction to Research**

Meaning of Research, Steps in Formulating a Research Problem, Scales of Measurement: Nominal, Ordinal, Interval, and Ratio, Data Types: Time Series Data, Cross-Sectional Data, Panel and Pooled Data

#### UNIT II: Hypothesis and Research Design

Hypothesis: Concept and Functions, Research Design, Functions of a Research Design, Features of a Good Design

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VI. A. Economics / Applied Eco Semester I (2023-25)

			TEACHING &EVALUATION SCHEME									
COURSE CODE CATEGORY		Ti	HEORY		PRACT	ICAL						
	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	P	CREDITS		
MAECO105	СС	Foundations of Economic Research	60	20	20	0	0	3	0	0	3	

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

#### **UNIT III: Data Collection**

Primary & Secondary Data, Methods of Data Collection: The Observation Method, the Interview Method, the Questionnaire, and the Schedule

## **UNIT IV: Sampling Techniques**

Sampling: Concept, Types: Random (Specific Random, Cluster) and Non-Random (Quota, Accidental, Expert and Snowball) Sampling

## UNIT V: Research Report

Writing a Research Report, Developing an Outline, Structure of a Research Report, Ethical Issues in Research Writing

#### Suggested Readings

- 1. Ranjit Kumar (2020), Research Methodology, SAGE Publication, New Delhi.
- Kothari C. R. (2021), Research Methodology Methods and Techniques, New Age International, New Delhi.

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MAECO106	SEC	Field Study	0	0	0	0	50	0	0	4	2

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEO1: This paper has an objective of exposing the students on various field study concepts.

**CEO2**: To provide an opportunity for students to apply theoretical concepts in real life situations.

CEO3: To enable students to manage resources, work under deadlines, identify and carry out specific goal-oriented tasks.

#### Course Outcomes:

The student shall be able to:

**CO1:** Acquire research skills and capabilities to take up the project work.

The work serves the twin purposes of providing critical insights to students and providing industry with graduates of a high caliber who are ready to get ahead in the world from day one. There will be continuous evaluation of the student on the basis of work assigned and regular submissions. The students need to complete the work in the stipulated time.

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MAECO107	CV	Comprehensive Viva Voce	0	0	0	50	0	0	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit.

## Course Educational Objectives:

CEO1: To provide an opportunity for students to apply theoretical concepts in real life situations

CEO2: To enable students to manage resources, work under deadlines, identify and carry out specific goal-oriented tasks.

#### Course Outcomes:

CO1: The student should be able to acquire speaking skills and capabilities to demonstrate the subject knowledge.

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