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COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL					
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	T	P	CREDITS
MAECO101	CC	Consumer Behavior and Production	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit.
*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

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 decision-making 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

Economic Terms and Basic Concepts; Scope and Method of Microeconomics; Economic Problem: Scarcity and Choice; Opportunity Cost; Production Possibility Curve.

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			THEORY			PRACTICAL					
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	T	P	CREDITS
MAECO101	CC	Consumer Behavior and Production	60	20	20	0	0	3	0	0	3

Legends: **L** - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit.
*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT II: Theory of Consumer Behavior
Utility Analysis: Cardinal Utility; Law of Diminishing Marginal Utility; Law of Equi-marginal Utility and Ordinal Utility; Indifference Curve Analysis; Price Effect, Income Effect & Substitution Effects.

UNIT III: Consumer Surplus
Meaning of Consumer Surplus- Marshall's Measure of Consumer Surplus; Consumer Surplus and Gain from a Change in Price; Importance and Applications of Consumer Surplus.

UNIT IV: Theory of Production
Production Function; Three Stages of Law of Variable Proportions; Returns to Scale; Isoquants: Marginal Rate of Technical Substitution; Cobb-Douglas Production Function and its Properties.

UNIT V: Cost Analysis
The Concepts of Cost- Accounting Costs and Economic Costs, Sunk Costs, Short Run and Long Run Costs; 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 House.

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| COURSE CODE | CATEGORY | COURSE NAME | TEACHING & EVALUATION SCHEME | | | | | L | T | P | CREDITS |
| | | | THEORY | | | PRACTICAL | | | | | |
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
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.
*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

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 the use of 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; Limitation of Statistics; Data- Types of Data; Methods of Data Collection; Tabulation; Frequency Distribution; Measurement of Scale.

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			THEORY			PRACTICAL					
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	T	P	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.
***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT II: Measures of Central Tendency
   Mean- Geometric Mean, Harmonic Mean and Arithmetic Mean; Median, Quartiles, Deciles, Percentiles; Mode.

UNITIII: Measures of Dispersion
   Range- Inter quartile, Percentile, Quartile Deviation, Mean Deviation, Standard Deviation, Lorenz Curve, Coefficient of Variation

UNIT IV: Skewness, Moments, and Kurtosis
   Meaning of Skewness; Test for Skewness; Meaning of Moments; Central Moments; Meaning of Kurtosis; Measure and Types of Kurtoses.

UNIT V: Correlation and Regression Analysis

   Types of Correlations; Karl Pearson's coefficient of correlations; Spearman Rank Correlation; Meaning of Regression analysis; Regression lines; Line of Best Fit; Regression Equations.

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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			THEORY			PRACTICAL					
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MAECO103	CC	Macro Economics	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.
*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

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-linkages 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

UNITI: Classical and Keynes Theory of Income and Employment

Classical Theory of Income and Employment- Say's Law of Market; Determination of Income and Employment; Keynes's Critique of Classical Theory.

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			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MAECO103	CC	Macro Economics	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; **C** - Credit.
*__Teacher Assessment__ shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT1I: Determination of National Income
> Determination of National Income in Keynes's Two Sector Model, Determination of National Income in Three and Four Sector Models.

UNITIII: Consumption Function and Post Keynesian Theories of Consumption
> Propensity to Consume, Propensity to Save: APS and MPS. Keynes's Psychological Law of Consumption; Relative Income Hypothesis; Life Cycle Hypothesis, Permanent Income Theory

UNIT IV: Investment Demand and Theory of Multiplier
> Meaning of Investment, Determinants of Investment, Marginal Efficiency of Capital (MEC), Investment Demand Curve, Accelerator Theory of Investment; Investment Multiplier- Leakages in the Multiplier Process.

UNIT V: Unemployment, Full Employment and Wage-Employment Relationship
> Meaning of Unemployment; Types of Unemployment: Frictional, Structural, Cyclical; Concept of Full Employment- Wage Price Flexibility and Employment; Keynes View of Involuntary Unemployment.

Suggested Readings:

1. Ahuja H. L. (2021). *Macroeconomic Theory and Policy,* New Delhi; S. CHAND and Company Limited.
2. Geetika, Ghosh. P and Choudhury. P. R. (2020). *Managerial Economics*, New Delhi; Tata McGraw Hill Education (India) Private Limited.
3. Rudiger, D., and Stanley, F. R. (2020). *Macroeconomics*, New Delhi; Tata McGraw-Hill. Publishing Co. Ltd.
4. David. R. (2021). *Advanced Macroeconomics*, New Delhi; Tata McGraw-Hill International Edition.

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			THEORY			PRACTICAL					
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MAECO104	CC	History of Economic Thought I	60	20	20	0	0	3	0	0	3

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.
*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Course Educational Objectives:

CEO1: To give students an overview of a general philosophy of economics.

CEO2: To make students understand the thoughts of main schools in the history of economic thought.

CEO3: To help the students indistinguishing various trends in the history of economic thought.

CEO4: To attribute the process of developing an opinion on the analytical foundations of the approaches in the economics of the 19th century

CEO5: To help the students in classifying different schools of economic thought.

Course Outcomes:

Students shall be able to:

CO1: Appraise the philosophy of economics.

CO2: Distinguish between the main schools in the history of economic thought.

CO3: Order the trends in the history of economic thought.

CO4: Develop an opinion on the analytical foundations of the approaches in the economics of the 19th century.

CO5: Compare different schools of economic thought.

Contents

UNIT I: Introduction to History of Economic Thought and Ancient Economic Thought

Introduction to the course; The Hebrew Economic Thought; The Greek Thought; The Roman Economic Thought; The Islamic Thought

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			THEORY			PRACTICAL		L	T	P	
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MAECO104	CC	History of Economic Thought I	60	20	20	0	0	3	0	0	3

Legends: **L** - Lecture; **T** - Tutorial/Teacher Guided Student Activity; **P** – Practical; C - Credit.
*Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

UNIT II: Economic Though in Ancient India and Medieval Economic Thought
Ancient Indian Economic Thought – Kautilya and Santi Parva; Christianity and Scholastic Thought; St. Thomas Aquinas: Just Price, Private Property and Usury. St. Thomas Nicole Oresme.

UNIT III: Mercantilism and Physiocrats
Mercantilist theory and practice; National schools of the Mercantilism; Theories of Value and of Money; The Physiocratic Thought.

UNIT IV: The Classical School
Adam Smith; Jeremy Bentham; T. R. Malthus; David Ricardo; J. B. Say; Bastiat; J. S. Mill.

UNIT V: Socialism and the Marxian School
Sismondi; Utopian Socialism; Fabian Socialism; Karl Marx; and the Marginal Revolution.

Suggested Readings:
1. Loknathan. V. (2021). *A History of Economic Thought*, New Delhi, S. Chand & Co Ltd.
2. Heinz. D. K. (2019). *Economic Thought – A Brief History*, Columbia Press University

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MAECO105	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.
***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

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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			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
MAECO106	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.
***Teacher Assessment** shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

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