



**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Social Sciences, Humanities and Arts**  
**Choice Based Credit System (CBCS) in Light of NEP-2020**  
**B.A. Economics**  
**Semester II (2022-2025)**

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
BAECO201	Major/Minor	Macro Economics 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 provide the knowledge about the basic terms of macroeconomics.
- CEO2: To enable students to calculate the national income through various methods.
- CEO3: To help students in identifying various multipliers and accelerators.
- CEO4: To relate money supply with its determinants.
- CEO5: To summarise various theories of demand for money.

**Course Outcomes:**

Students will be able to:

- CO1: Define basic concepts related to economics.
- CO2: Solve the problems of national income accounting.
- CO3: Demonstrate the use of multipliers and accelerators in an economy.
- CO4: Link money supply with its determinants.
- CO5: Discuss various theories of demand for money.

**Syllabus**

**UNIT I: Introduction**

Nature and Scope of Macroeconomics, Stock and Flow Variables; Equilibrium and Disequilibrium, Statics, Comparative Statics and Dynamics

**UNIT II: National Income Accounting**

Concepts of National Income: GDP, GNP, NNP, NDP, Personal Income and Personal Disposable Income, Measurement of National Income -- Expenditure Method, Concept of Green GDP.

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**UNIT III : Theory of Multiplier and Accelerator**

The Concept of Investment Multiplier, Working of Multiplier, Leakages in Multiplier Process, Theory of Accelerator.

**UNIT IV: Supply of Money and its Determinants**

Money Supply and High-Powered Money, Four Concepts of Money Supply, Factors Determining Money Supply.

**UNIT V: Demand for Money**

Motives for Liquidity Preference, Transactions Demand for Money, Precautionary Motive, Speculative Demand for Money, Keynesian Liquidity Preference Theory

**Suggested Readings:**

1. Ahuja, H.L. (2018). *Principles of Macroeconomics*. New Delhi: S Chand Publication
  2. Dwivedi, D.N. (2015). *Macroeconomics Theory and Policy*. New Delhi: McGraw Hill Education (India) Pvt Limited
  3. Sikdar, Shoumyen (2011). *Principles of Macroeconomics*. 2<sup>nd</sup> Edition, India: Oxford University Press
- Agrawal, Vanita (2010). *Macroeconomics Theory and Policy*. New Delhi: Pearson Education Inc

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BAECO202	Major	Quantitative Techniques II	60	20	20	0	0	3	0	0	3

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**Course Educational Objectives:**

**CEO1:** To transmit the body of time series analysis to relate with economic theory.

**CEO2:** To introduce the concepts of correlation analysis.

**CEO3:** To make the students use statistical tools and techniques to solve various economic problems.

**CEO4:** To understand the concepts of regression analysis.

**CEO5:** To classify and illustrate various methods of indexing.

**Course Outcomes:**

Students shall be able to:

**CO1:** Infer a sound understanding of time series analysis.

**CO2:** Exemplify the concepts of correlation analysis.

**CO3:** Estimate values for various economic problems while using statistical methods.

**CO4:** Predict general outcomes using regression analysis.

**CO5:** Compare and calculate various methods of indexing.

**Contents**

**UNIT I: Analysis of Time series**

Meaning and Definition, Causes of Variations in Time Series Data, Components of Time Series, Trends, Cyclical and Seasonal Fluctuations, Irregular and Random Fluctuations.

**UNIT II: Correlation analysis**

Types of Correlation, Degrees of Correlation, Methods of determining Correlation: Graphical Methods, Scatter Diagram and Simple Graphical Method

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**UNIT III: Mathematical Methods of Correlations**

Karl Pearson's Coefficient of Correlation and Spearman's Rank Correlation.

**UNITIV: Regression analysis**

Meaning of Regression Analysis, Simple Linear Regression Model, Scatter Diagram Method; Least Square Method.

**UNIT V: Index Numbers**

Meaning , Definition, of Index Numbers, Limitation and Types of Index Numbers, Methods of Constructing Index Numbers: Fixed Base, Chain Base, Weighted Index Number.

**Suggested Readings:**

1. Gupta, S.P.& Gupta, M.P. (2010). *Business Statistics*. New Delhi: Sultan Chand & Sons
2. Shukla, S.S. & Sahay, S.P. (2008). *Statistical Analysis*. Agra: Sahitya Bhawan Publications
3. Gupta, S.P. (2012). *Statistical Method*. New Delhi: Sultan Chand & Sons

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