

Semester III (2021-2024)

				TE	ACHINO	&EVALU	JATION	SCI	IEME		
			TI	HEORY		PRACTI	ICAL.				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	Р	CREDITS
BAHNECO301	СС	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.

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; Concepts of Quick Estimates, Revised Estimates, Budget Estimates

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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:

- Ahuja, H. L. (2021). Principles of Macroeconomics. New Delhi: S Chand Publication
- Dwivedi, D.N. (2020). Macroeconomics: Theory and Policy. New Delhi: McGraw Hill Education (India) Pvt Limited
- Sikdar, Shoumyen (2021). Principles of Macroeconomics. India: Oxford University Press
- Agrawal, Vanita (2020). Macroeconomics Theory and Policy. New Delhi: Pearson Education Inc

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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

B.A. Honors Economics Semester III (2021-2024)

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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
BAHNECO302	CC	Mathematics for 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 discuss the basics of mathematical economics.

CEO2: To enable students to represent the theories using equations.

CEO3: To help students in making use of various series in economics.

CEO4: To solve various problems of economics using differential and integral calculus.

CEO5: To practise the problems of matrices and determinants.

Course Outcomes:

Students will be able to:

CO1: Use mathematics in solving economic problems.

CO2: Model economic theories using equations.

CO3: Make use of various series in economics.

CO4: Calculate the magnitude and direction of certain economic identities using differential and integral calculus.

CO5: Carry out various calculations of problems related to economics by applying the concepts of matrices and determinants.

Syllabus

UNIT I: Basic Concepts

Number System: Types and Operations, Venn diagram: Theorems and Identities, Basic Algebraic Functions, and their Graphs; Concepts of Logarithms and Exponents.

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BAHNECO302	СС	Mathematics for Economics	60	20	20	0	0	3	0	0	3

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

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UNIT II: Equations

Simple, Quadratic and Simultaneous and Identities; Equations of a Straight Line, Concept of Slope; Equation of Rectangular Hyperbola

UNIT III: Series

Arithmetic and Geometric Series; Concept of Rate of Growth, Present Value and its Calculation

UNIT IV: Differentiation and Integration

Concepts of Differential Calculus and Application in Economics: Price Elasticity of Demand; Concepts of Integration and Application in Consumer Surplus.

UNIT IV: Matrices and Determinants

Definitions, Types, Properties and Operations of Matrices and Determinants; Uses of Matrices and Determinants in Economics

Suggested Readings:

- 1. Allen, R. G. D. (1997). Mathematical Analysis for Economics, AITBS Pub.
- 2. Chiang, A. C. (2021). Fundamental Methods of Mathematical Economics, OUP
- 3. Renshaw, G. (2020). Maths for Economics, Oxford University Press

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BAHNECO303E1	DSE	Banking and Financial Institutions	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 discuss the history and nature of Indian money market.

CEO2: To classify the structure and problems of Indian capital market.

CEO3: To develop an understanding of commercial banking in India.

CEO4: To identify various financial institutions under Indian financial system.

CEO5: To relate the monetary policy with the dynamics of the economic changes.

Course Outcomes:

Students will be able to:

CO1: Outline the Indian money market in detail.

CO2: Suggest the solutions to the problems of Indian capital market.

CO3: Present the contemporary issues of commercial banking in India.

CO4: Distinguish various financial institutions under Indian financial system.

CO5: Test for the impact of changes in monetary policy on the economy.

Syllabus

UNIT I: Indian Money Market

Role of Money in Indian Economy, The Indian Money Market, Unorganized and Organized Sector of the Indian Money Market, Reform Measures to Strengthen the Indian Money Market.

UNIT II: Indian Capital Market

Primary Market and Secondary Market, Structure of Capital Market, Growth of Capital Market in India, Problems of Indian Capital Market.

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COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Two Term Exam	Teachers	END SEM University Exam	Teachers Assessment*	L	T	p	CREDITS
BAHNECO303E1	DSE	Banking and Financial Institutions	60	20	20	0	0	3	0	0	3

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

UNIT III: Commercial banking In India

Banking Development since Nationalization of Banks, Banking Structure in India, Banking Sector Reforms, Indian Bank: Concerns and Challenges for Future

UNIT IV: Indian Financial Institutions

Industrial Finance Corporation of India (IFCI), EXIM Bank, Small Industries Development Bank of India (SIDBI), Industrial Investment Bank of India (IIBI)

UNIT V: Monitory Policy of India:

Reserve Bank of India and its Monetary Policy, Constituents of Monetary Policy: Cash Reserve Ratio (CRR), Statutory Liquidity Ration (SLR), Repo Rate, Bank Rate, Reverse Repo Rate

Suggested Readings:

- Mishkin, F. S & Eakins S. G. (2009). Financial Markets and Institutions. New Delhi: Pearson Education
- Fabozzi, F. J., and Modigliani, F. (2009). Foundations of Financial Markets and Institutions. 3rd edition. New Delhi: Pearson Education.
- 3. Gupta, S. B. (1988). Monetary Economics. New Delhi: S Chand Limited.
- Bhole, L. M. & Mahuku, J. (2011). Financial Institutions and Markets. 5th edition, Mumbai: Tata McGraw Hill

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BAHNECO303E2	DSE	Energy Economics	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 discuss the nature of energy economics.

CEO2: To understand the problem of energy crisis.

CEO3: To develop an understanding of energy supply.

CEO4: To identify various sources of demand in the energy market.

CEO5: To estimate the trends in energy conservation.

Course Outcomes:

Students will be able to:

CO1: Outline the scope of energy economics in detail.

CO2: Suggest the solutions to the problem of energy crisis.

CO3: Present the contemporary issues of energy supply.

CO4: Distinguish between various energy demand sources.

CO5: Test for the impact of trends in energy conservation.

Syllabus

UNIT I: Introduction to Energy Economics

Energy Resources and Energy Commodities; Properties of Energy; Resources and Energy Commodities; Law of Thermodynamics; Energy Conversion Processes.

UNIT II: Energy Crisis

The International Energy Crisis of the 1970s-Causes, Effects and Solutions to the Global Energy Crisis; Energy Crisis and Solution in India.

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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
BAHNECO303E2	DSE	Energy Economics	60	20	20	0	0	3	0	0	3

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

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UNIT III: Economics of Energy Supply

Classify energy on the basis of sources – renewable or non-renewable; sources of energy supply – Fossil fuels (coal, oil, natural gas), Renewable energy (Hydro, Marine, wind, solar, Geothermal, bio).

UNIT IV: Energy Demand Analysis

Demand for Energy as a Derived Demand; Demand Substitution among Energy Commodities; Global Variations in Energy Use; Energy Use, Social Problem and Energy Conservation

UNIT V: Trends in Energy Conservation

Trend and Patterns of Energy Consumption; Empirical Estimation of Economic Growth and Energy Consumption; Empirical Demand Projection for Energy Sources – Regression Techniques.

Suggested Readings:

- Pearce, D. W. and Turner, R. K. (2021). Economics of Natural Resources and the Environment, Hemel Hempstead, Harvester-Wheatsheaf
- Baumol, W.J. and Oates W. E. (1988). Theory of Environmental Policy, 2nd Edition, Cambridge University Press.
- Bhattacharyya, R.N. (2020). Environmental Economics: Indian Perspective, Oxford University Press
- 4. Freeman III, A. M. (2020). The Measurement of Environmental and Resource Values: Theory and Methods, Resources for the Future. Washington D.C.

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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
BAHNECO303E3	DSE	Urban Economics	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 discuss the concepts, scope, and nature of urban economics.

CEO2: To classify the structure and models of urban growth.

CEO3: To develop an understanding of land use planning in India.

CEO4: To identify various problems and policies of resources and urbanization.

CEO5: To relate environmental problems with urbanization.

Course Outcomes:

Students will be able to:

CO1: Outline the nature and scope of urban economics.

CO2: Suggest the solutions to the problems of urban growth.

CO3: Present the contemporary issues of land use planning in India.

CO4: Distinguish various problems and policies of resources and urbanization.

CO5: Test for the impact of changes in environment due to urbanization.

Syllabus

UNIT I: Introduction to Urban Economics

Introduction to Urban Economics - Scope and Dimensions; The Urban Economy and Development Strategy.

UNIT II: The Economics of Urban Growth

The Economics of Urban Growth - Models of Urban Growth - The Frontiers of Urban Growth.

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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
BAHNECO303E3	DSE	Urban Economics	60	20	20	0	0	3	0	0	3

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

UNIT III: Land Use Planning

Land Use Planning- General Urban Land-Use Models- The Determinants of Specific Land Uses, Changes in Land Uses- Land Use Policy- Land Reservation- Public Amenities

UNIT IV: Resources and Urbanization

Resource problems in urbanization - transportation, waste management and water - traffic Congestion - Traffic management and Policies- Public transport Surveillances- Route Mapping Signal system

UNIT V: The Urban Environment

Environmental Pollution- Types of pollution and Management- Types of wastes: degradable and non-degradable - Garbage, Plastic, Biomedical Waste Management - Sustainable development Policies.

Suggested Readings:

- 1. Hartwick, John M. (2015). Urban Economics, Routledge; 1st edition
- 2. O'Sullivan, Arthur (2020). Urban Economics, McGraw-Hill/Irwin
- Mohan, R. A. (1978) Urban Economic and Planning Models Assessing the Potential for Cities in Developing Countries, OCP- 25, World Bank.

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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
BAHN304	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.

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Course Educational Objectives:

CEO1: Provide an opportunity for students to apply theoretical concepts in real life situations.

CEO2: 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: Display the speaking skills and capabilities to demonstrate the subject knowledge.

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COURSE CODE	CATEGORY	COURSE NAME	TEACHING &EVALUATION SCHEME								
			THEORY			PRACTICAL					7000
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BAHN305	P/D/I	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:

CO1: The student should be able to 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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