

Semester I (2021-2024)

				TE	ACHIN	G &EVAL	UATION	SCH	EME		
			Т	HEORY		PRACT	ICAL				
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Тwо Тегт Ехат	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	т	P	CREDITS
BAHNECO101	CC	Micro 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 economics.

CEO2: To enable the decision making pertaining to the basic problems of the economy.

CEO3: To make the students understand the concept of consumer behaviour.

CEO4: To elaborate demand and supply.

CEO5: Tomake the students understand stages of production along with the costs.

Course Outcomes:

Students will be able to:

CO1: Define basic concepts related to economics.

CO2: Explain the problems of an economy.

CO3: Discuss various theories of consumer behavior.

CO4: Recognize the concepts and the constituents of demand and supply.

CO5:Relate with different stages of production and the returns to scale.

CO6: Recognize and estimate various costs pertaining to the production.

Syllabus

UNIT I: Introduction

Basic Concepts: Goods, Consumer and Capital, Utility, Value, Price, Wealth, Stock & Flow; Scope of Microeconomics; the Economic Problem: Scarcity and Choice; Opportunity Cost, Production Possibility Curve (PPC).

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BAHNECO101	СС	Micro Economics I	60	20	20	0	0	3	0	0	3

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UNIT II: Theory of Consumer Behavior

Cardinal Utility, Law of Diminishing Marginal Utility, The law of Equi-Marginal Utility, Ordinal Utility: Indifference Curves Analysis; Consumer Equilibrium; Marginal Rate of Substitution (MRS).

UNIT III: Demand & Supply

Concept of Demand and Law of Demand, Determinants of Demand, Shift in Demandvs. Movements along a Demand Curve; Price, Income and Cross Elasticity of Demand; Law of Supply, Determinants of Supply.

UNIT IV: Theory of Production

Production Function, Law of Variable Proportions: Three Stages of Law, Concept of Returns to Scale: Increasing, Diminishing and Constant; Isoquants: Marginal Rate of Technical Substitution: Economies and Diseconomies of Scale.

UNIT V: Cost Analysis

Concept of Cost: Accounting Costs and Economic Costs, Sunk Costs, Opportunity Cost, Short Run Analysis, Total Fixed and Variable Costs, AVC, AFC, Marginal Costs (MC).

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BAHNECO101	CC	Micro Economics I	60	20	20	0	0	3	0	0	3

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

Suggested Readings:

- Ahuja, H. L.(2016). Principles of Microeconomics. New Delhi: S.Chand and Company Limited.
- 2. Case; Karl,E.&Ray,C.(2007). Principles of Economics. 8th edition. New Delhi: Pearson Education, Inc
- Dominick Salvatore(2012). Microeconomic Theory Schaum's Outline series. New Delhi: Tata McGraw Hill
- 4. Koutsoviannis, A.(2018). Modern Microeconomics. Palgrave Macmillan
- Lipsey, Richard & Chystal, Alec. (2011). Economics. United Kingdom: Oxford University Press
- 6. Mankiw,G.(2012). *Principles of Economics*, 6th edition. United Kingdom: South Western Educational Publishing
- 7. Samuelson, Paul & Nordhas, William(2010). Economics. New Delhi: McGraw Hill

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				TE	ACHIN	G &EVAL	UATIO	N SCI	HEME			
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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	Р	CREDITS
BAHNECO102	CC	Indian Economy 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 insights about the Indian economy.

CEO2: To make the students understand the various planning period of the Indian economy.

CEO3: To provideknowledge about the agricultural sector of India.

CEO4: To make the students understand the concept of demography.

CEO5: To discuss the concept of human resource development.

Course Outcomes:

The student shall be able to:

CO1: Develop a basic understanding about the various aspects of India's economy.

CO2: Outline a timeline for the economic planning period of the Indian economy.

CO3: Demonstrate the contribution and progress of agriculture in Indian economy.

CO4: Developa basic understanding about the Indian demography.

CO5: Illustrate the concepts and fundamentals of human resource development.

Syllabus

UNIT I: Introduction to Indian Economy

Basic Characteristics and Features of Indian Economy, Share and Trends of Agriculture, Industry and Services Sectors in GDP of India; Liberalization, Privatization and Globalization Reforms and its Effects on Indian Economy.

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BAHNECO102	CC	Indian Economy 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: Economic Planning in India

Economic Planning: Rationale, Features and Objectives, Five Year Plans (First FYP toTwelfth FYP), Objectives and Functions of NITI Aayog, Regional Planning in India.

UNIT III: Agriculture

Role of Agriculture in Indian Economy, Trends in Production and Productivity, Problems of Indian Agriculture, Green Revolution, Yellow, Blue and White Revolution; Agricultural Finance and Marketing.

UNIT IV:Population

Theory of Demographic Transition with Reference to India, Demographic Profile of India since 1950-51: Birth Rate, Death Rate, Age Composition, Density of Population, Rural-Urban Distribution of Population.

UNIT V: Human Resource Development

Indicators of Human Resource Development, Importance of Human Resource Development, Education Policy in India, Health Policy, Programs and Policies for Skill Development, Human Development Index & India.

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BAHNECO102	CC	Indian Economy I	60	20	20	0	0	3	0	0	3

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

Suggested Readings:

- 1. Agrawal, A.N. (2003). *Indian Economy: Problems of Development and Planning*. New Delhi, New Age International Publishers.
- 2. Gaurav, D.&Ashwini, M.(2016). *Indian Economy*, 72nd edition. New Delhi: S.Chand and Company Limited
- 3. Jalan, Bimal(2004). *The Indian Economy: Problems and Prospects*. New Delhi:Penguin Books, India
- 4. Kapila, Uma(2019). *Indian Economic Development since 1947*. New Delhi: Academic Foundation
- 5. Kapila, Uma(2019). *Indian Economy: Performance and Policy*. New Delhi: Academic Foundation
- 6. Puri, V.K. & Misra, S.K. (2018). *Indian Economy*, 35th revised edition. New Delhi: Himalaya Publishing House

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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
BAHNECO103	CC	Quantitative Techniques 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 make the students understand the basics of statistics.

CEO2: To make the students understand the study of quantitative techniques.

CEO3:To introduce application of statistical techniques to economic theory in general.

CEO4: To introduce application of tools and techniques of statistics.

CEO5: To make the students understand regression analysis

Course Outcomes:

The student shall be able to:

CO1: Recall the basics of statistical techniques.

CO2: Formulate the economic problems in statistical terms.

CO3: Apply the relevant tools of statistics for analyzing economic problems.

CO4: Practice for different tools and techniques of statistics.

CO5:Construct regression functions for different economic theories.

Contents

UNIT I: Measure of Central Tendency

Arithmetic Mean, Mode and Median, Geometric Mean, Use and Properties of G.M., Merits and Demerits of G.M., Harmonic Mean, Computation of H.M. Merits and Demerits of H.M

UNIT II: Measures of Dispersion

Range: Inter Quartile, Percentile Range, Quartile Deviation; Coefficient of Mean Deviation, Standard Deviation; Lorenz Curve and Gini Coefficient

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BAHNECO103	CC	Quantitative Techniques I	60	20	20	0	0	3	0	0	3

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UNIT III:Skewness, Moments and Kurtosis

Meaning of Skewness, Symmetrical Distribution, Test for Skewness; Meaning of Moments, Central Moments; Meaning of Kurtosis, Measure and Types of Kurtosis

UNIT IV: Correlation

Types of Correlations, Uses of Correlations, Karl Pearson's Coefficient of Correlations. Spearsman's Rank Correlation

UNIT V: Regression Analysis

Meaning of Regression Analysis, Uses of Regression Analysis, Regression Lines, Line of Best Fit, Regression Equations

Suggested Readings:

- Sharma, J. K. (2002). Mathematics for Business and Economics. New Delhi: Asian Books Private Limited
- Kothari, C.R. (2019). Quantitative Techniques. New Delhi: Vikas Publishing House
- 3. Saha,S &Mukherji,S.(2016). *Quantitative Methods*. London: New Central Book Agency (P) Ltd.
- 4. Mike, Rosser(2003). Basic Mathematics for Economists. Newyork, Routledge
- Salvatore, D. (2005). Mathematics and Statistics, Schaum's Series. New Delhi, Tata McGraw Hill.

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			Т	HEORY		PRACT	ICAL					
COURSE CODE	CATEGORY	COURSE NAME	END SEM University Exam	Тwo Тетт Ехат	Teachers Assessment*	END SEM University Exam	Teachers Assessment*	L	Т	Р	Р	CREDITS
BAHN104	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: 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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