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							TEACHING & EVALUATION SCHEME						
COURSE	CATTICONY	COURSE	L	Т	P	OITS	THEORY		Y	PRACTICAL L			
CODE	CATEGORY	NAME				CREI	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*		
BAHNECO 101	Compulsory	Micro Economics I	5	1	-	5	60	20	20	-	-		

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 Objectives:

- 1. To provide the knowledge about consumer behaviour.
- 2. To enable the decision making pertaining to market and production.
- 3. To understand various trends in Micro Economics.

Course Outcomes:

- 1. To comprehend how households (demand) and businesses (supply) interact in markets to determine price and quantity of a good produced.
- 2. To comprehend the links between household behavior and the economic models of demand.

Contents

UNIT I: Introduction

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

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UNIT II: Theory of Consumer Behavior

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

UNIT III: Demand & Supply

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

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 and Long Run Costs, Total Fixed and Variable Costs, AVC, AFC, Marginal Costs (MC).

Suggested Readings:

- 1. 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
- 3. Dominick Salvatore(2012). *Microeconomic Theory Schaum's Outline series*. New Delhi: Tata McGraw Hill
- 4. Koutsoyiannis, A.(2018). *Modern Microeconomics*. Flipkart India: Palgrave Macmillan

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- 5. 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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							TEACHING & EVALUATION SCHEME					
COURSE	GARD GODY	COURSE		Т	P	SLIC	THEORY			CTIC L		
CODE	CATEGORY	NAME				CREDI	END SEM University Exam	Two Term Exam	Teachers Assessmen t*	END SEM University Exam	Teachers Assessmen t*	
BAHNECO 102	Compulsory	Indian Economy I	5	-	ı	5	60	20	20	-	-	

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 Objectives:

- 1. To provide insights about the Indian economy.
- 2. To provide classification and different sectors of Indian economy.
- 3. To elaborate the changes that have taken place in these sectors.

Course Outcomes:

- 1. To comprehend various aspects of India's economy.
- 2. Enabled to develop a perspective on the different problems and approaches to economic planning and development in India.

Contents

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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UNIT II: Economic Planning in India

Economic Planning: Rationale, Features and Objectives, Five Year Plans (First FYP to Twelfth 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, Strategies for Agriculture Development: Green, Yellow, Blue and White Revolution; Land Reform Measures, 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. Advantages and Disadvantages of Demographic Dividend.

UNIT V: Human Resource Development

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

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

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- 4. Kapila, Uma(2017). *Indian Economic Development since 1947*. New Delhi :Academic Foundation
- 5. Kapila, Uma(2017). *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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						S	TEACHING & EVALUATION SCHEME						
COURSE	CATEGORY	COURSE	L	T	P	DIT	TH	HEOR		PRACT			
CODE	CHILGORI	NAME				CREDIT	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*		
BAHNECO 103	Compulsory	Quantitative Techniques I	5	-	1	5	60	20	20	ı	-		

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 Objectives:

- 1. To understand the basics of statistics.
- 2. To understand the study of quantitative techniques.
- 3. To introduce application of statistical techniques to economic theory in general.

Course Outcomes:

- 1. Enabled with a sound understanding of statistical techniques.
- 2. Enabled to formulate the economic problems in statistical terms.
- 3. Comprehend to apply the relevant tools for analyzing economic problems.

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

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UNIT II: Measures of Dispersion

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

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:

- 1. Mukherjee,B.& Pandit,V.(2010). *Mathematical Methods for Economic Analysis*. New Delhi: Allied Publishers Pvt. Ltd
- 2. Sharma ,J. K.(2002). *Mathematics for Business and Economics*. New Delhi: Asian Books Private Limited
- 3. Kothari ,C.R. (2019). *Quantitative Techniques*. New Delhi: Vikas Publishing House
- 4. Saha,S & Mukherji,S.(2016). *Quantitative Methods*. London: New Central Book Agency (P) Ltd
- 5. Baruah,S.(2012). Basic Mathematics and its Economics Applications. New Delhi: MacMillan India Limited
- 6. Chiang, A.C.(2004). Fundamentals Methods of Mathematical Economics. New Delhi: McGraw Hill
- 7. Mike, Rosser(2003). Basic Mathematics for Economists. Newyork, Routledge
- 8. Salvatore, D. (2005). *Mathematics and Statistics, Schaum's Series*. New Delhi. Tata McGraw Hill
- 9. Sydsaeter & Hammond(2015). *Mathematics for Economic Analysis*. New Delhi: Pearson Education

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COURSE CODE	CATEGORY	COURSE NAME	L	T	P	CRED	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*
BAHN104	Compulsory	Comprehensive Viva Voce	0	-	-	4	0	0	0	100	-

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit; Q/A - Quiz/Assignment/Attendance, MST Mid Sem Test.

Course Objectives:

- 1. Provide an opportunity for students to apply theoretical concepts in real life situations.
- 2. Enable students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks.

Course Outcomes:

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

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						ĽS	TEACHING & EVALUATION SCHEME THEORY PRACTICAL						
COURSE CODE	CATEGORY	COURSE NAME	L	Т	P	CREDI	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*		
BAHN105	Compulsory	Field Study/Book Review/Case Study	-	-	10	5	0	0	0	-	100		

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit; Q/A - Quiz/Assignment/Attendance, MST Mid Semester Test.

Course Objectives:

- 1. This paper has an objective of exposing the students on various field study concepts.
- 2. To provide an opportunity for students to apply theoretical concepts in real life situations.
- 3. To enable students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks.

Course Outcomes:

1. 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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