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BATCH 2020-2023

	CATEGORY	COURSE NAME	L	Т	P		TEACHING & EVALUATION SCHEME					
COURSE						CREDITS	THEORY			PRACTICA L		
CODE						CRI	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*	
BAHNECO 401	Compulsory	Macro Economics II	5	-	-	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. Understand modelling of a macro-economy in terms of analytical tools

Course Outcomes:

- 1. Understand various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context.
- 2. Learn various theoretical issues related to an open economy.

Syllabus:

UNIT I: Consumption Function

Income Relationship, Propensities to Consume and the Fundamental Psychological Law of Consumption; Implications of Keynesian Consumption Function; Factors Influencing Consumption Function.

UNIT II: Demand for Money

Demand for Money for Liquidity Preference- Transactions Demand for Money-Precautionary Motive-Speculative Demand for Money- Aggregate demand for Money: Keynes's View- Demand for Money and Keynesian Liquidity preference Theory.

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UNIT III: IS-LM Curves

Nature and Shape of IS and LM curves; Interaction of IS and LM curves and Determination of Employment, Output, Prices and Investment; Changes in IS and LM curves and their Implications for Equilibrium

UNIT IV: Financial Markets and Reforms

Features of Financial Markets, Functions of Financial Markets, Banks and Financial Markets, Major Financial Sector Reforms in India, Lessons from the Global Financial Crisis and the Policy Response in India

UNIT V Analysis of Business Cycles

Phases of Business Cycles, Features of Business Cycles, Theories of Business Cycles-Hicks, Sun-spot Theory, Keynes, Samuelson Model of Business Cycle.

Text Book:

- 1. H.L Ahuja(2016). *Principles of Macroeconomics*, S. Chand Publication; New Delhi.
- 2. D N Dwivedi (2015), *Macroeconomics Theory and Policy*, McGraw Hill Education (India) Pvt. Limited, New Delhi.

Reference Books:

- 1. N. Gregory Mankiw (2010): *Macroeconomics*, 7th edition, Cengage Learning India Private Limited, New Delhi
- 2. Richard T. Froyen (2005): *Macroeconomics*, 2nd Edition, Pearson Education Asia, New Delhi.
- 3. Errol D 'Souza (2009): Macroeconomics, Pearson Education Asia, New Delhi.
- 4. Sikdar, Shoumyen,(2011) *Principles of Macroeconomics*, 2nd Edition, Oxford University Press, India.
- 5. Gupta G.S (2018), *MACROECONOMICS Theory and Applications*, McGraw Hill Education, New Delhi.
- 6. Agrawal Vanita (2010), *Macroeconomics Theory and Policy*, Pearson Education, Inc New Delhi

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	CATEGORY	COURSE NAME		Т	P	70	TEACHING & EVALUATION SCHEME						
COURSE			L			SLI	THE	EORY	PRACTICAL				
CODE						CREDI	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*		
BAHNECO 402	Compulsory	Financial Economics	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. This course introduces students to the economics of finance
- 2. Make them understand the concept of Derivative and Derivative instruments prevailing in Indian market.
- 3. Some of the basic models used to benchmark valuation of assets and derivatives.

Course Outcomes:

- 1. Understand corporate finance.
- 2. Have an insight into the methods of prizing of derivative instruments.

Syllabus:

UNIT I: Introduction

Security, Portfolio Management, Modes of Investments, Investment Avenues, Fixed-Income Securities; Bond Prices and Yields; Spot rates and Forward rates.

UNIT II: Market and Regulator

Companies Act, SEBI- Functions, Capital Market Structure, Primary Market, Investment Factors, Listing Formalities and Procedures, Stock Exchange-Functions, Secondary Market, Trading and Settlement.

UNIT III: Risk and Return

Risk and Uncertainty, Systematic and Unsystematic Risks, Portfolio Theory Capital Asset, Pricing Model, Markowitz model and the two-fund theorem

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Sharpe Model, Portfolio Risk, BCG Matrix.

UNIT IV: Equity Research and Security Pricing

Forecasting Methods, Present Value Approach, P/E Ratio , Security Valuation, Single Period, Multi Period Valuation Model, Security Pricising Models. Graham's Approach

UNIT V: Derivatives

Introduction to Derivatives; Forward and Futures contracts; Forward and Future prices; Types of Futures – Commodity Futures , Financial Futures, The use of Futures for Hedging; Option markets; Call and Put options; Arbitraging, Speculation.

Text Book:

- 1. V.K. Avdhani (2009), Securities Analysis and Portfolio Management, Himalaya Publishing House. Mumbai
- 2. Gorden and Natrajan(2009), *Financial Markets and Services*, Himalaya Publishing House. Mumbai

Reference Books:

- 1. A.K Seth (2016), *International Financial Management*, Galgotia Publications: New Delhi.
- 2. C. John and Hull(2005). *Options, Futures and Other Derivatives*, Pearson Education, 6th edition: New Delhi.
- 3. Thomas E. Copeland, J. Fred Weston and Kuldeep Shastri(2003). *Financial Theory and Corporate Policy*, Prentice Hall, 4th edition.
- 4. Richard A. Brealey and Stewart C. Myers(2002). *Principles of Corporate Finance*, McGraw-Hill, 7th edition: New Delhi
- 5. Gordan and Natrajan (2015), *Financial Services*, Himalaya Publishing House: New Delhi.

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	CATEGORY	COURSE NAME	L	Т	P	S	TEACHING & EVALUATION SCHEME						
COURSE						IT	TH	IEORY		PRACT	ΓICAL		
CODE						CRED	END SEM University Exam	Two Term Exam	Teachers Assessmen	END SEM University Exam	Teachers Assessmen t*		
BAHNECO 403	Compulsory	Demography	5	-	-	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. This course introduces students to the Demographic situation of India.
- 2. Get them acquainted with various concepts of Demography.
- 3. Give them the basic classical and modern theories of Demography.

Course Outcomes:

- 1. To interpret basic and contemporary population structure and pattern.
- 2. To understand the nexus between population and environment.

Syllabus:

UNIT I: Population and Sustainable development.

Population and Economic development — interrelation between population, development and environment, sustainable development•

UNIT II: Population Theories

Malthusian theory of population, Optimum theory of population, theory of demographic transition, population as 'Limits to Growth' and as 'Ultimate Source'.

UNIT III: Concepts of Demography

Concepts. of Demography — Vital rates, Life tables, composition and uses, Measurement of fertility — Total fertility rate, gross and net reproduction rate —

Age pyramids, population projection — stable, stationary and quasi-stationary population; characteristics of Indian population through recent census.

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UNIT IV: Demography and Poverty

Poverty in India — Absolute and relative; Rural and Urban poverty, Analysis of poverty in India. Tendulker committee, C Rangrajan Committee, Arjun Sen gupta committee. Y .K Alag committee.

UNIT V: Demography and Environment

Environment as necessity - amenity and public goods; causes of environmental and ecosystem degeneration - policies for controlling pollution- economic and persuasive; their relative effectiveness in LDCs; Relation between population, poverty and environmental degradation- micro planning for environment and eco-preservation - water sheds, joint forest management and self-help groups, Role of State in environmental preservation - Review of environmental legislation in India

Reference Books:

- 1. Samul . H. Pretson.(2015). *Demography:Measuring and Modeling Population Process*. Paper Back Publication: New Delhi.
- 2. Abhijit Banerjee (2006). *Understanding Poverty*, Oxford University Press: New Delhi.
- 3. T. R. Malthus (2010). An Essay on the Principle of Population. Cambridge University Press

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	CATEGORY	COURSE NAME	L	Т	P		TEACHING & EVALUATION SCHEME						
COURSE						SLIC	Т	HEOR	Y	PRACTICA L			
CODE						CREDITS	END SEM University Exam	Two Term Exam	Teachers Assessmen t*	END SEM University Exam	Teachers Assessmen t*		
BAHNECO 404	SOC.SC. ARTS & HUMANITIES	Comprehen sive Viva Voce	0	-	-	4	0	0	0	100	-		

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 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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	COURSE CODE	CATEGORY	COURSE NAME	L	Т	P	CREDITS	TEACHING & EVALUATION SCHEME THEORY PRACTICAL						
								END SEM University Exam	Two Term Cxam	en	END SEM University Exam	Teachers Assessmen t*		
	BAHNECO 405	SOC.SC. ARTS & HUMANITIES	Field Study/Book Review/Case Study/Seminar	0	-	1	5	0	0	0	0	100		

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

Course Objectives:

- 1. 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.