



Course Plan: 2019-20
Department of Economics
B.P. Chaliha College, Nagarbera,
Kamrup, Assam
Pin- 781127

COURSE PLAN- 2019-2020

B.P. CHALIHA COLLEGE, NAGARBERA

DEPT. OF ECONOMICS

FIRST SEMESTER (HONOURS/ REGULAR)

Name of the Teacher: Nirmal Ch. Kalita

Course: Honours / HG/GE/RC

Semester: I

**Name of the Paper: ECO-HC-1016 Introductory Microeconomics
ECO-HG-1016: Principles of Microeconomics–I**

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Paper
20	Honours	1. Exploring the subject matter of Economics Why study economics? Scope and method of economics; the economic problem: scarcity and choice; the question of what to produce, how to produce and how to distribute output; science of economics; the basic competitive model; prices, property rights and profits; incentives and information; rationing; opportunity sets; economic systems; reading and working with graphs.	ECO-HC-1016 Introductory Microeconomics
16		5. Imperfect Market Structure Monopoly and anti-trust policy; government policies towards competition; imperfect competition.	
09	HG/GE/RC	1. Introduction a. Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier; economic systems.	ECO-HG-1016: Principles of Microeconomics–I
09		b. Demand and supply: law of demand, determinants of demand, shifts of demand versus movements along a demand curve, market demand, law of supply, determinants of supply, shifts of supply versus movements along a supply curve, market supply, market equilibrium.	

Name of the Teacher: Firoza Ahmed

Course: Honours / HG/GE/RC

Semester: I

**Name of the Paper: ECO-HC-1026: Mathematical Methods in Economics –I
ECO-HG-1016: Principles of Microeconomics–I**

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Paper
18	Honours	12. Functions of one real variable Elementary types of functions: quadratic, polynomial, power, exponential, logarithmic, convex, quasi-convex and concave functions, limit and continuity of functions	ECO-HC-1026: Mathematical Methods in Economics - I
18		3. Differential calculus Differentiation of a function, Basic rules of differentiation, partial and total differentiation, second and higher order derivatives for single variable, economic applications of differentiation.	
18	HG/GE/RC	2. Consumer Theory Budget constraint, concept of utility, diminishing marginal utility, Diamond-water paradox, income and substitution effects; consumer choice: indifference curves, derivation of demand curve from indifference curve and budget constraint.	ECO-HG-1016 Principles of Microeconomics–I

Name of the Teacher: Anshuman Saikia

Course: Honours / HG/GE/RC

Semester: I

Name of the Paper: ECO-HC-1016: Introductory Microeconomics & ECO-HG-1016: Principles of Microeconomics–I

Unit Assigned: 4

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Paper
18	Honours	2. Supply and Demand: How Markets Work, Markets and Welfare Markets and competition; determinants of individual demand/supply; demand/supply schedule and demand/supply curve; market versus individual demand/supply; shifts in the demand/supply curve, demand and supply together; how prices allocate resources; elasticity and its application; controls on prices; taxes and the costs of taxation; consumer surplus; producer surplus and the efficiency of the markets.	ECO-HC-1016: Introductory Microeconomics
18		3. The Households The consumption decision - budget constraint, consumption and income/price changes, demand for all other goods and price changes; description of preferences (representing preferences with indifference curves); properties of indifference curves; consumer's optimum choice; income and substitution effects; labour supply and savings decision - choice between leisure and consumption.	

09	HG/GE/RC	3. Production and Costs a. Production: behavior of profit maximizing firms, production process, production functions, law of variable proportions, choice of technology, isoquant and isocost lines, cost minimizing equilibrium condition.	ECO-HG-1016: Principles of Microeconomics–I
09		b. Costs: costs in the short run, costs in the long run, revenue and profit maximizations, minimizing losses, short run industry supply curve, economies and diseconomies of scale, long run adjustments	

Name of the Teacher: Dr. Alaka Hujuri

Course: Honours / HG/GE/RC

Semester: I

**Name of the Paper: ECO -HC-1016: Introductory Microeconomics
ECO-HG-1016: Principles of Microeconomics–I**

Unit Assigned: 4

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Paper
10	Honours	4. The Firm and Perfect Market Structure Behaviour of profit maximizing firms and the production process; short run costs and output decisions; costs and output in the long run.	ECO -HC-1016 Introductory Microeconomics
08		1. Preliminaries Sets and set operations, relations and functions, number system	ECO-HC-1016
18		5. Integration of functions Meaning and significance of integration, basic rules of integration, significance of a constant after integration, applications: derivations of total functions (total cost, total revenue, consumption and saving functions) from marginal functions, consumer's surplus and producer's surplus, problems relating to investment and capital formation	Mathematical Methods in Economics
09	HG/GE/RC	4. Perfect Competition a. Assumptions: theory of a firm under perfect competition, demand and revenue; equilibrium of the firm in the short run and long run; long run industry supply curve: increasing, decreasing and constant cost industries.	ECO-HG-1016: Principles of Microeconomics–I
09		b. Welfare: allocative efficiency under perfect competition	

Name of the Teacher: Dr. Trailokya Deka

Course: Honours / HG/GE/RC

Semester: I

**Name of the Paper: ECO -HC-1016: Introductory Microeconomics
ECO-HC-1016: Mathematical Methods in Economics – I &
ECO-HG-1016: Principles of Microeconomics–II**

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
18	Honours	4. Single variable optimization Local and global optima: geometric characterization, characterization using calculus: tests for maximization and minimization, applications: profit maximization, cost minimization, revenue maximization	ECO-HC-1016: Mathematical Methods in Economics - I
18		6. Input Markets Labour and land markets - basic concepts (derived demand, productivity of an input, marginal productivity of labour, marginal revenue product); demand for labour; input demand curves; shifts in input demand curves; competitive labour markets; and labour markets and public policy.	ECO -HC-1016 Introductory Microeconomics
18	HG/GE/RC	3. Market Failure Efficiency of perfect competition, Sources of market failure. Externalities and market failure, public goods and market failure, markets with asymmetric information (Ideas only)	ECO-HG-1016: Principles of Microeconomics–I

COURSE PLAN- 2019-2020

B.P. CHALIHA COLLEGE, NAGARBERA

DEPT. OF ECONOMICS

SECOND SEMESTER (HONOURS/ REGULAR)

Name of the Teacher: Nirmal Ch. Kalita

Course: Honours / HG/GE/RC

Semester: II

**Name of the Paper: ECO-HC-2016: Introductory Macroeconomics &
ECO-HG-2016: Principles of Microeconomics–II**

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Paper
16	Honours	2. Money Functions of money; quantity theory of money; determination of money supply and demand; credit creation; tools of monetary policy.	ECO-HC-2016: Introductory Macroeconomics
20		4. The Closed Economy in the Short Run Classical and Keynesian systems; simple Keynesian model of income determination; IS- LM model; fiscal and monetary multipliers.	
18	HG/GE/RC	1. Market Structures a. Theory of a Monopoly Firm Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition and monopoly, social cost of monopoly, price discrimination; remedies for monopoly: Antitrust laws, natural monopoly.	ECO-HG-2016: Principles of Microeconomics–II

Name of the Teacher: Firoza Ahmed

Course: Honours / HG/GE/RC

Semester: II

**Name of the Paper: ECO-HC-2026: MATHEMATICAL METHODS IN ECONOMICS –
II &**

ECO-HG-2016: Principles of Microeconomics–II

Unit Assigned: 2

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
-------	--------------------	-------	---------

36	Honours	1. Linear algebra Matrix: various types of matrices, vector and vector space-concept, matrix operations: addition, subtraction and multiplication; rank, norm and trace of a matrix, introduction to the concept of determinants and their properties, non-singularity of matrix, matrix inversion, solutions of simultaneous equations by using matrix inversion and Cramer's rule, simple market model and national income model	ECO-HC-2026: MATHEMATICAL METHODS IN ECONOMICS - II
18	HG/GE/RC	2. Factor pricing Demand for a factor input in a competitive factor market, supply of inputs to a firm, market supply of inputs.	ECO-HG-2016: Principles of Microeconomics– II

Name of the Teacher: Anshuman Saikia

Course: Honours / HG/GE/RC

Semester: II

**Name of the Paper: ECO-HC-2016: INTRODUCTORY MACROECONOMICS &
ECO-HG-2016: Principles of Microeconomics–II**

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
22	Honours	1. Introduction to Macroeconomics and National Income Accounting Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow; real versus nominal GDP; price indices; national income accounting for an open economy; balance of payments: current and capital accounts.	ECO-HC-2016: INTRODUCTORY MACROECONOMICS
14		3. Inflation Inflation and its social costs; hyperinflation.	
18	HG/GE/RC	b. Imperfect Competition Monopolistic competition: Assumptions, short run and long run price and output determinations under monopolistic competition, Oligopoly: assumptions, overview of different oligopoly models, contestable markets.	ECO-HG-2016: Principles of Microeconomics– II

Name of the Teacher: Dr. Alaka Hujuri

Course: Honours / HG/GE/RC

Semester: II

**Name of the Paper: ECO-HC-2026: Mathematical Methods in Economics – II &
ECO-HG-2016: Principles of Microeconomics–II**

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
18	Honours	4. Differential equation Meaning, first order differential equation, application to market model	ECO-HC-2026: Mathematical Methods in Economics - II
18		5. Difference equation First order difference equation, Cob-Web market model	
18	HG/GE/RC	2. Factor pricing Equilibrium in a competitive factor market. Factor markets with monopsony power.	ECO-HG-2016: Principles of Microeconomics–II

Name of the Teacher: Dr. Trailokya Deka

Course: Honours / HG/GE/RC

Semester: II

Name of the Paper: ECO-HC-2026: Mathematical Methods in Economics – II & ECO-HG-2016: Principles of Microeconomics–II

Unit Assigned: 3

Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
16	Honours	2. Functions of several real variables Homogeneous and homothetic functions: concepts, Differentiable functions: concepts, Implicit Function Theorem and applications	ECO-HC-2026: Mathematical Methods in Economics - II
20		3. Multi-variable optimization Unconstrained optimization: geometric characterization, characterization using calculus and applications: price discrimination and multi-plant firm; constrained optimization with equality constraints, Lagrange multiplier, applications: consumer's equilibrium and producer's equilibrium	
18	HG/GE/RC	3. Market Failure Efficiency of perfect competition, Sources of market failure. Externalities and market failure, public goods and market failure, markets with asymmetric information (Ideas only)	ECO-HG-2016: Principles of Microeconomics–II

COURSE PLAN- 2019- 2020

B.P. CHALIHA COLLEGE, NAGARBERA

DEPT. OF ECONOMICS

THIRD SEMESTER (MAJOR/ GENERAL)

Name of the Teacher: Nirmal Ch. Kalita

Course: Major/ General

Semester: III

Name of the Paper: M 305 THE MONETARY SYSTEM & E 303 Money, Banking and Finance

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Paper
16	Major	Unit 1: MONEY: BASIC CONCEPTS Concept of Money, Money and Near Money. Supply of Money: definition and measures.	M 305 THE MONETARY SYSTEM
20		Unit 4: THE FINANCIAL SYSTEM Financial System-Meaning, constituents, functions and importance of financial system. Money market and Capital Market (concepts only), Stock Market-its role in economic development;, Stock market indices,	
18	General	Unit: 4: Business Cycle: Meaning and Characteristics; Hawtrey's Theory of Trade Cycle.	E 303 Money, Banking and Finance

Name of the Teacher: Firoza Ahmed

Course: Major/ General

Semester: III

Name of the Paper: M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS & E 303 Money, Banking and Finance

Unit Assigned: 2

Marks Assigned:

Class	Major/ General	Topic	Remarks
36	Major	Unit 2: MATRIX AND DETERMINANTS Various types of matrices, Matrix operations-addition, subtraction and multiplication; Rank of a matrix, Determinants; Matrix inversion; Solution of Simultaneous equation system; Crammer's	M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS

		rule; Application to partial equilibrium market model, simple national income model; Structure of input-output table, Static Leontief system	
18	General	Unit: 5: Monetary Policy: Objectives of Monetary Policy with special reference to UDCs.	E 303 Money, Banking and Finance

Name of the Teacher: Anshuman Saikia

Course: Major/ General

Semester: III

Name of the Paper: M 305 THE MONETARY SYSTEM & E 303 Money, Banking and Finance

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Remarks
18	Major	Unit 2: COMMERCIAL BANKING: Meaning, functions, assets and liabilities-Balancing liquidity with profitability, process of credit creation by commercial banks.	M 305 THE MONETARY SYSTEM
18		Unit 3: CENTRAL BANKING: Meaning, Functions, Methods of credit control, Monetary Policy-Objectives. Promotional role of a Central Bank in a developing economy (with reference to RBI)	
18	General	Unit: 2: Commercial Banking: The Process of Credit Creation, Assets and Liabilities. Unit: 3: Central Banking: Function of the Central Bank.	E 303 Money, Banking and Finance

Name of the Teacher: Dr. Alaka Hujuri

Course: Major/ General

Semester: III

Name of the Paper: M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS & E 303 Money, Banking and Finance

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Remarks
18	Major	Unit 1: BASIC CONCEPTS Variables, Sets, Functions; Limit and Continuity of a Function; Equations, Identities, Systems of equations; Homogeneous function	M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS
18		UNIT 4: INTEGRAL CALCULUS: Integration of a function - basic rules; derivation of total function; definite integral	
18	General	Unit: 1: Quantity Theory of Money: Cash Transactions and cash Balance approaches.	E 303 Money, Banking and Finance

Name of the Teacher: Dr. Trailokya Deka

Course: Major/ General

Semester: III

**Name of the Paper: M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS
& E 303 Money, Banking and Finance**

Unit Assigned: 2

Marks Assigned:

Class	Major/ General	Topic	Remarks
36	Major	Unit 3: DIFFERENTIAL CALCULUS: Differentiation of a Function; Basic rules of differentiation- Partial and Total Differentiation	M 304 ELEMENTARY MATHEMATICS FOR ECONOMICS
18	General	Unit: 6: Financial System: Meaning, Functions and constituents. Concepts of Money Market, Capital Market and Stock Market.	
			E 303 Money, Banking and Finance

COURSE PLAN- 2019- 2020

B.P. CHALIHA COLLEGE, NAGARBERA

DEPT. OF ECONOMICS

FOURTH SEMESTER (MAJOR/ GENERAL)

Name of the Teacher: Nirmal Ch. Kalita

Course: Major/ General

Semester: IV

Name of the Paper: M 405 INTRODUCTIONS TO DEVELOPMENT ECONOMICS & E-403 Indian Economy with Issues of North-East

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Remarks
16	Major	Unit 2: Economic Growth: Meaning and Sources of Economic Growth: Population Growth, Capital Accumulation and Technical Progress; the Notion of Capital-Output ratio;	M 405 INTRODUCTI ONS TO DEVELOPMEN T ECONOMICS
20		Unit 3: Development Theories: Theories of Persistence of Underdevelopment: Vicious Circle of Poverty, Cumulative Causation (Myrdal), Strategies for Development; Balanced and Unbalanced Growth Strategy, Development with Unlimited Supply of Labour (Lewis).	
18	General	Unit: 5: Role, Problems and Development of Transport, Power and Communication of Assam.	E 403 Indian Economy with Issues of North- East

Name of the Teacher: Firoza Ahmed

Course: Major/ General

Semester: IV

Name of the Paper: M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS & E 403 Indian Economy with Issues of North-East

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Remarks
18	Major	Unit 1: Calculus in Economics Applications	

		Application to elasticity of demand and supply, derivation of marginal functions, Inter-relationships among total, marginal and average functions, tax yield in competitive market; - application to simple market model, national income model, Production Function and Euler's Theorem.	M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS
18		Unit 4: INTRODUCTION TO GAME THEORY Two person zero sum game –Pure strategies with saddle point, games without saddle point- the rules of dominance- solution of games without saddle point – mixed strategies, basic ideas and examples of non zero sum games – Nash equilibrium, Prisoner's Dilemma and Repeated games.	
18	General	Unit: 4: Natural resources of Assam, Demographic features of Assam- Trend of population growth rate, Density of population, Occupational distribution, Literacy.	E 403 Indian Economy with Issues of North-East

Name of the Teacher: Anshuman Saikia

Course: Major/ General

Semester: IV

Name of the Paper: M 405 INTRODUCTIONS TO DEVELOPMENT ECONOMICS & E 403 Indian Economy with Issues of North-East

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Remarks
18	Major	Unit 1: Development: Meaning and Measurement – GDP and PCI as indicators of development, HDI - Structural Changes in the Development Process (Kuznet). - Obstacles to Development	M 405 INTRODUCTIONS TO DEVELOPMENT ECONOMICS
18		Unit 2: Economic Growth: Theories of Economic Growth- Classical Approach: Smith and Ricardo, Harrod-Domar's Theory of Instability of Growth Process.	
18	General	Unit: 2: Role of Agriculture in the Economic development of India and Assam, Problems of Agriculture in India with special reference to North-Eastern States, Impact of Land reform and Green Revolution.	E 403 Indian Economy with Issues of North-East

Name of the Teacher: Dr. Alaka Hujuri

Course: Major/ General

Semester: IV

**Name of the Paper: M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS & E 403
Indian Economy with Issues of North-East**

Unit Assigned: 3

Marks Assigned:

Class	Major/ General	Topic	Remarks
18	Major	Unit 1: Calculus in Economics Applications Application to consumer's and producer's surplus. Problems relating to investment, capital formation and derivation of simple growth process (Domar)	M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS
18		Unit 3: ELEMENTS OF LINEAR PROGRAMMING Inequality Constraint and formulation of a Linear Programming Problem – Graphical Solution	
18	General	Unit: 3: Industrial progress and Industrial development strategy of India before and after reforms.	E 403 Indian Economy with Issues of North- East

Name of the Teacher: Dr. Trailokya Deka

Course: Major/ General

Semester: IV

**Name of the Paper: M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS & E 403
Indian Economy with Issues of North-East**

Unit Assigned: 2

Marks Assigned:

Class	Major/ General	Topic	Remarks
36	Major	Unit 2 MAXIMA AND MINIMA Unconstrained maxima and minima with single explanatory variable-application to cost minimization, revenue maximization, tax revenue maximization, profit maximization and equilibrium of firm- unconstrained maxima and minima with more than one explanatory variables-application to discriminating monopoly, multi-product equilibrium, multi-planned	M 404 MATHEMATICAL APPLICATIONS IN ECONOMICS

		equilibrium, equilibrium of firm with advertisement cost and subsidy	
18	General	Unit: 1: Trend and composition of National Income and Per-Capita Income of India and State Domestic product of North-Eastern States, Increasing importance of the Tertiary sector.	E 403 Indian Economy with Issues of North-East

COURSE PLAN- 2019- 2020

B.P. CHALIHA COLLEGE, NAGARBERA

DEPT. OF ECONOMICS

FIFTH SEMESTER (MAJOR/ GENERAL)

Name of the Teacher: Nirmal Ch. Kalita

Course: Major/ General

Semester: V

Name of the Paper: M 501 ELEMENTS OF PUBLIC FINANCE & E 503 Public Finance

Unit Assigned: 6

Marks Assigned:

Class	Major/ General	Topic	Remarks
20	Major	Unit 1: NATURE AND SCOPE OF PUBLIC FINANCE Nature and scope of Public Finance; Public Goods and Private Goods; Role of Public Finance; Principles of Public Finance—Principle of Maximum Social Advantage	M 501 ELEMENTS OF PUBLIC FINANCE
20		Unit 2: PUBLIC REVENUE Concepts of Revenue Receipt and Non-revenue Receipt; Sources and Classification Public Revenue; Tax and Non-tax Revenues	
24		Unit 3: PUBLIC EXPENDITURE Public Expenditur; Causes for growth of Public Expenditure(Wagnar's Law); Classification of Public Expenditure; Canons of Public Expenditure; Effects of Public Expenditure on---Production, Distribution and Economic Stability; Importance of Public Expenditure in Developing Countries.	
20		Unit 4: PUBLIC DEBT: Sources of Public Debt--Internal and External Debt; Burden of Public Debt; Redemption of Public Debt; Debt Trap; Role of Public Debt with special reference to developing Countries.	
09	General	UNIT: 1: INTRODUCTION: DISTINCTION BETWEEN PUBLIC FINANCE AND PRIVATE FINANCE, PUBLIC GOODS VS. PRIVATE GOODS.	E 503 Public Finance
09		Unit: 2: Public Revenue: Tax and non-tax revenue, Direct tax vs. indirect tax Ability- to-pay, principle of taxation, Shifting and	

		incidence of taxation, Taxable Capacity, Effects of Taxation on Production and Distribution, Rate structure in taxation.	
--	--	--	--

Name of the Teacher: Firoza Ahmed

Course: Major/ General

Semester: V

Name of the Paper: M 502 BASIC STATISTICS FOR ECONOMICS, M 506 DEVELOPMENT POLICY AND THE INDIAN ECONOMY & E 504 Introductions to Growth and Development Economics

Unit Assigned: 7

Marks Assigned:

Class	Major/ General	Topic	Remarks
20	Major	Unit 2: CORRELATION AND REGRESSION Correlation; Coefficient of linear correlation; Rank Correlation, Partial Correlation; Regression Analysis- Estimation of regression line in a bivariate distribution-Least squares method, Properties of regression coefficients.	M 502 BASIC STATISTICS FOR ECONOMICS
20		Unit 1: Basic Features of Indian economy: Trend and Composition of National Income and Per Capita Income, Occupational Distribution, Basic Demographic features, Increasing Importance of the Tertiary Sector: Trend and Composition within the Tertiary Sector.	M 506 DEVELOPMENT POLICY AND THE INDIAN ECONOMY
10		Unit 2: Poverty, Inequality and Unemployment: Conceptual and Measurement Issues – the Indian Situation.	
20		Unit 3: Role of Agriculture in Economic Development: Barriers to Agricultural Growth; Land Reforms in India – Rationale, Measures and Impact; Green Revolution and Indian Agricultural Growth; Food Security and Public Distribution System.	
14		Unit 4: Role of Industries in the Development Process: Large vs. Medium, Small and Micro Enterprises (MSME); An overview of the India's Industrial Progress – Overview of the Industrial Development Strategy before Reforms, Industrial Policy of 1991 and Liberalization.	
09	General	Unit: 2: Development and Underdevelopment: Meaning Difference between Economic Growth and Economic Development, measurement	E 504 Introductions to Growth and

		of Economic Development-GDP and PCI as indicators of Development, HDI; causes of Underdevelopment.	Development Economics
09		Unit: 3: Development Theories: Cumulative Causation, balanced Growth and Unbalanced Growth, Lewis Theory of Development with Unlimited Supply of Labour.	

Name of the Teacher: Anshuman Saikia

Course: Major/ General

Semester: V

Name of the Paper: M 502 BASIC STATISTICS FOR ECONOMICS, M 504 INTERNATIONAL TRADE: THEORY AND POLICY & E 503 Public Finance

Unit Assigned: 6

Marks Assigned:

Class	Major/ General	Topic	Remarks
24	Major	Unit 1: CENTRAL TENDENCY AND DISPERSION Measures of Central Tendency-Arithmetic Mean , Median, Mode and Geometric mean;	M 502 BASIC STATISTICS FOR ECONOMICS
20		Unit 1: THEORIES OF INTERNATIONAL TRADE Trade Theories-Ricardian Theory of Comparative Cost Advantage; Factor Endowments and Heckscher- Ohlin Theory; Empirical Test of H-O Model- Leontief Paradox; Factor Intensity Reversal	
20		Unit 2: TERMS OF TRADE AND GAINS FROM TRADE Concepts of Terms of Trade; Factors affecting Terms of Trade; Gains from Trade; Offer Curves, Distribution of gains from trade in terms of Offer Curves, Trade as an Engine of Growth.	M 504 INTERNATIONAL TRADE: THEORY AND POLICY
20		Unit 3: INTERNATIONAL TRADE POLICY Free Trade and Protection- Arguments for and against Free Trade and Protection; Tariffs-Classifications of Tariffs, Effects of Tariffs- Partial	

		Equilibrium analysis, Concept of Optimum Tariff and Retaliation; Quotas- Types, Effects; Tariffs versus Quotas.	
09	General	Unit: 5: Fiscal Policy: Main objectives.	E 503 Public Finance
09		Unit: 6: Government Budget: Capital and Revenue Budgets—Ideas of fiscal and revenue deficits	

Name of the Teacher: Dr. Alaka Hujuri

Course: Major/ General

Semester: V

Name of the Paper: M 502 BASIC STATISTICS FOR ECONOMICS, M 503 INTRODUCTION TO ENVIRONMENTAL ECONOMICS & E 504 Introductions to Growth and Development Economics

Unit Assigned: 7

Marks Assigned:

Class	Major/ General	Topic	Remarks
24	Major	Unit 1: CENTRAL TENDENCY AND DISPERSION Measures of Dispersion-Range, Mean Deviation, Quartile deviation, Standard Deviation, Coefficient of Variation	M 502 BASIC STATISTICS FOR ECONOMICS
10		Unit 1: Nature and scope of environmental economics, Economy-environment interaction	
15		Unit 2: Market failure, externality, public good-Environment as a public good, Tragedy of Commons	
20		Unit 3: Environmental Kuznets's Curve, Pollution Control Policies: Command and control approach, Incentive based approach: Taxes, Liability Law and tradeable permits.	
15		Unit 4: Global Environmental Issues: Climate Change – Implications and Mitigation.	
08	General	UNIT: 1: Growth: Meaning, Sources of Economic Growth.	E 504 Introductions to

10		Unit: 4: Sectoral Development: Role of Agriculture and Industry in Economic Development, Large versus Small Scale Industries. Choice of Technique: LABOUR INTENSIVE VERSUS CAPITAL INTENSIVE TECHNIQUE.	Growth and Development Economics
----	--	---	---

Name of the Teacher: Dr. Trailokya Deka

Course: Major/ General

Semester: V

Name of the Paper: M 502 BASIC STATISTICS FOR ECONOMICS, M 505 HISTORY OF ECONOMIC THOUGHT I & E 503 Public Finance

Unit Assigned:

Marks Assigned:

Class	Major/ General	Topic	Remarks
30	Major	Unit 3: PROBABILITY Concept, Rules of probability (Addition and Multiplication); Conditional Probability, concept of discrete and continuous Random variables and mathematical expectation (relating to only discrete random variable), Standard Probability distribution: Binomial, Poisson and Normal (basics only).	M 502 BASIC STATISTICS FOR ECONOMICS
19		Unit 1: EARLY PERIOD: Mercantilism: Tenets, Rise & Fall. Physiocracy: Tableau Economique of Quesnay, concept of Natural Order, Produit Net, Taxation, Trade.	M 505 HISTORY OF ECONOMIC THOUGHT I
21		Unit 2: CLASSICAL PERIOD:	

		Adam Smith: Views on division of labour, theory of value, capital accumulation, distribution, trade, and economic development; David Ricardo: Main Contributions in brief; Thomas Robert Malthus: Theory of Population, Theory of Glut; J. B. Say: Laws of Market; J. S. Mill: Restatement of the Classical Theory.	
14		Unit 3: SOCIALIST THOUGHTS: Contributions of Karl Marx: Theory of Value, Theory of Surplus, Theory of Economic Development.	
10	General	Unit: 3: Public Expenditure: Effects of Public Expenditure on Production, Distribution and economic stability. Role of public Expenditure in Developing Economy.	E 503 Public Finance
08		Unit: 4: Public Debt: Types of public debt, Redemption of public Debt, Burden of public Debt.	

COURSE PLAN- 2019- 2020

B.P. CHALIHA COLLEGE, NAGARBERA

DEPT. OF ECONOMICS

SIXTH SEMESTER (MAJOR/ GENERAL)

Name of the Teacher: Nirmal Ch. Kalita

Course: Major/ General

Semester: VI

Name of the Paper: M 601 PUBLIC ECONOMICS, E 603 International Economics & E 604 Planning and Development in India

Unit Assigned: 6

Marks Assigned:

Class	Major/ General	Topic	Remarks
35	Major	Unit 1: TAXATION Canons of Taxation; Principles of Taxation; Benefit Principle and Ability to Pay Theory, Direct Tax and Indirect tax: Meaning and concepts; Rate schedule of taxation Proportionate Tax, Progressive Tax, Regressive tax, Impact, Incidence and Shifting of Tax; Sharing of Tax between Buyers and Sellers; Taxable Capacity; Relative and Absolute Taxable Capacity; Factors determining Taxable Capacity; Effects of Taxation on Production and Distribution; Characteristics of a Good Tax System; Role of Taxation in Developing Countries.	M 601 PUBLIC ECONOMICS

22		Unit 2: GOVERNMENT BUDGET Concept of Government budget ;Classification of Public Budget— Balanced and Unbalanced Budget, Capital and Revenue Budget; Brief Ideas on Performance Budgeting, Zero Base Budgeting.	
17		Unit3: FISCAL POLICY Meaning and Objectives; Components of Fiscal Policy; Role of Fiscal policy in a developing economy.	
10		Unit 4: FEDERAL FINANCE Meaning; Principles of Federal Finance; Current Finance Commission of India- a brief overview.	
09	General	Unit: 5: International Institutions: Objectives of IMF and IBRD.	E 603 International Economics
09		Unit: 4: POVERTY ALLEVIATION PROGRAMMES IN INDIA.	E 604 Planning and Development in India

Name of the Teacher: Firoza Ahmed

Course: Major/ General

Semester: VI

**Name of the Paper: M 602 APPLIED STATISTICS, M 606 PLANNING FOR
DEVELOPMENT: INDIA AND THE NORTHEAST, E 603 International Economics
& E 604 Planning and Development in India**

Unit Assigned: 6

Marks Assigned:

Class	Major/ General	Topic	Remarks
24	Major	Unit 1: INDEX NUMBERS Concept, uses of Index numbers, Problems in the construction of Index numbers, Methods of constructing Index numbers-Laspeyres', Paasche's and Fisher's, Chain base Index number, Wholesale price and cost of living index numbers.	M 602 APPLIED STATISTICS

20		Unit 1: Planning: Concept and Justification, Types of Planning; Overview of Planning Process in India: 1951-90: Strategies, Goals, Achievements and Failures, Planning in the Post-liberalization Period; Planning for Inclusive Growth; Role of the Community and Voluntary Organizations.	M 606 PLANNING FOR DEVELOPMENT: INDIA AND THE NORTHEAST
20		Unit 2: India in the Global Economy: Basic Features and Consequences of Economic Globalization; Trend, Composition and Direction of Foreign Trade in India before and after Liberalization; Capital Flows - Foreign Direct Investment (FDI) and Foreign Institutional/Portfolio Investment (FPI).	
20		Unit 3: Economic Problems of North-East India: Comparative Development Experience of North Eastern States vis-à-vis all India Average – Growth Rates, Per Capita Income, Human Development Attainments (Literacy and Health); Specific Problem of Industrialization in the Region and Industrial policies for North-East; Problem of Agricultural Transition in the Hill Areas (Shifting Cultivation to Commercial Crops).	
10	General	Unit: 1: Introduction: Nature and Scope of International Economics, International Economics as a distinct Branch of Economics, Basis of International Trade-Recardo's Theory of International Trade.	E 603 International Economics
08		Unit: 3: DECENTRALIZED PLANNING IN ASSAM, ROLE OF NEC, LOOK – EAST POLICY.	E 604 Planning and Development in India

Name of the Teacher: Anshuman Saikia

Course: Major/ General

Semester: VI

Name of the Paper: M 602 APPLIED STATISTICS, M 604 INTERNATIONAL ECONOMICS, E 603 International Economics & E 604 Planning and Development in India

Unit Assigned: 8

Marks Assigned:

Class	Major/ General	Topic	Remarks
22	Major	Unit 2: TIME SERIES ANALYSIS	M 602 APPLIED STATISTICS

		Time Series Analysis-Concept and Components-Measurement of Trend, Graphical Method, Moving average and Least square method, Fitting of linear and exponential trend curves.	
08		Unit 1: INTRODUCTION International Economics as a distinct branch of Economics; Its Nature and Scope.	M 604 INTERNATIONAL ECONOMICS
20		Unit 2: BALANCE OF PAYMENTS The Structure of BOP; Accounting Principle; Disequilibrium in BOP- Types of Disequilibrium; Causes of Disequilibrium; Adjustment Mechanism- Correction under Fixed and Flexible Exchange Rate regimes.	
10		Unit 3: FOREIGN EXCHANGE MARKET AND EXCHANGE RATES Functions of Foreign Exchange Market; Determination of Equilibrium Exchange Rate; Concepts of Spot and Forward Rates.	
16		Unit 4: ECONOMIC INTEGRATION Forms of Economic Integration; Customs Union- Partial Equilibrium Analysis of Customs Union - Trade Creation and Trade Diversion (concepts only).	
08		Unit 5: INTERNATIONAL INSTITUTIONS Objectives and functions of IMF, IBRD, WTO	
08	General	Unit: 2: Terms of Trade: Different Concepts of Trade.	E 603 International Economics
10		Unit: 2: Features and Consequences of Economic globalization, Trend, Composition and Direction of Foreign trade in India, FDI and FPI in India.	E 604 Planning and Development in India

Name of the Teacher: Dr. Alaka Hujuri

Course: Major/ General

Semester: VI

Name of the Paper: M 602 APPLIED STATISTICS, M 603 ECONOMICS OF NATURAL RESOURCES AND SUSTAINABLE DEVELOPMENT, E 603 International Economics & E 604 Planning and Development in India

Unit Assigned: 7

Marks Assigned:

Class	Major/ General	Topic	Remarks
24	Major	Unit 3: VITAL STATISTICS Concepts and Measurement of fertility-crude birth rate, general fertility rate, age specific fertility rate, total fertility rate, Net reproduction rate, gross reproduction rate, Measurement of Mortality crude death rate, specific death rate, standardized death rate, Life Table (Basic features).	M 602 APPLIED STATISTICS
10		Unit 1: Natural Resources: Types and Characteristics	M 603 ECONOMICS OF NATURAL RESOURCES AND SUSTAINABLE DEVELOPME NT
18		Unit 2: Economics of Non-renewable Resources: Conditions for optimal depletion, Market forms and rate of depletion, Role of a backstop	
18		Unit 3: Economics of Renewable Resources: The Idea of sustainable yield, Economically optimal rate of harvest	
14		Unit 4: Development-environment Trade-off, Sustainable development- Indicators and policy issues – Integrated economic and environmental accounting	
08	General	Unit: 4: Foreign Exchange Rates: Determination of Equilibrium Exchange Rates.	E 603 International Economics
08		UNIT: 1: Basic Features of Indian Economy as a Developing Economy. Concept of Planning, Rationale for Planning, Types of Planning (only concepts),	E 604 Planning and Development in India

Name of the Teacher: Dr. Trailokya Deka**Course: Major/ General****Semester: VI**

**Name of the Paper: M 602 APPLIED STATISTICS, M 605 HISTORY OF ECONOMIC
THOUGHT II, E 603 International Economics & E 604 Planning and
Development in India**

Unit Assigned: 6**Marks Assigned:**

Class	Major/ General	Topic	Remarks
20	Major	Unit 4: SAMPLE SURVEY	M 602 APPLIED STATISTICS

		Population, sample, parameter; sample versus complete enumeration; Types of samples-simple random, stratified random and systematic sampling.	
24		Unit 1: SOME FAMOUS SCHOOLS OF THOUGHT: Marginalist school --W.Jevons, J.B. Clark.; Austrian school: C.Menger, Bohm-Bowark, F.Wiser,V. Pareto;Mathmatical school-- L.Walras, W.Leontief, Hicks; Neo-classical economics: Alfred Marshall, Irving Fisher, Wickshell; Welfare economics of A.C. Pigou.	M 605 HISTORY OF ECONOMIC THOUGHT II
18		Unit 2: KEYNESIAN ECONOMICS: Departure from the Classical School, Aggregate Approach to Economics, Policy Prescriptions.	
22		Unit 3: INDIAN ECONOMIC THOUGHT: Main themes of Kautilya's Arthasashtra; Modern Economic Ideas: Dada Bhai Naoroji, Ranade, Gokhle; M.K. Gandhi's ideas on—Village, Swadeshi, Khadi, Cottage Industries and place of Machine, Welfare of Labour, Non-violent Economy, Decentralisation, Trusteeship, Sarvodaya.	
09	General	Unit: 3: Balance of Payment: Structure of BoP, Accounting principle, Meaning of Disequilibrium in BoP, Types and Causes of Disequilibrium, Measures sot Correct Disequilibrium.	E 603 International Economics
09		UNIT: 1: Basic Features of Indian Economy as a Developing Economy. Broad strategies, Goals, Achievements and Failures of Indian Planning, Role of Planning in Post-liberalization period.	E 604 Planning and Development in India