Course Plan: 2020-21

Department of Economics

B.P. Chaliha College, Nagarbera,

Kamrup, Assam

Pin- 781127

COURSE PLAN- 2020-2021

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 Mathematical Methods in Economics
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	
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

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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 IncomeAccounting** 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 MACROECONOM ICS
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**	ECO-HG-2016: Principles of

		Efficiency of perfect competition, Sources of market failure. Externalities and market failure, public goods and market failure, markets with asymmetric information (Ideas only)	Microeconomics–II

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DEPT. OF ECONOMICS

THIRD SEMESTER (HONOURS/ REGULAR)

Name of the Teacher: Firoza Ahmed
Course: Honours / HG/GE/RC
Semester: III
Name of the Paper: **ECO-HC-3016: INTERMEDIATE MICROECONOMICS - I**

ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS

Unit Assigned:
Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
12	Honours	**1. Consumer Theory** Preference; utility; budget constraint; choice; demand; Slutsky equation; buying and selling; choice under risk and inter-temporal choice; revealed preference.	**ECO-HC-3016: INTERMEDIATE MICROECONOMICS - I**
12		**4. Random Sampling and Jointly Distributed Random Variables** Density and distribution functions for jointly distributed random variables- basic concepts; covariance and correlation coefficients.	**ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS**
12		**5. Sampling** Principal steps in a sample survey; methods of sampling; Sampling techniques- random, stratified random, multi-stage random and systematic random sampling; the role of sampling theory; properties of random samples	
18	RC/GE/HG	**4. National Income Determination with Government Intervention and Foreign Trade** Fiscal Policy: impact of changes in government expenditure and taxes; net exports function;	**ECO-RC-3016: Principles of Macroeconomics–I**

		net exports and equilibrium national income.	

Name of the Teacher: Anshuman Saikia
Course: Honours / HG/GE/RC
Semester: III
Name of the Paper:
Unit Assigned:
Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
36	Honours	**2. Production, Costs and Perfect Competition** Technology; isoquants; production with one and more variable inputs; returns to scale; short run and long run costs; cost curves in the short run and long run; review of perfect competition.	**ECO-HC-3016: INTERMEDIATE MICROECONOMICS - I**
18	RC/GE/HG	**2. National Income Accounting** Concepts of Income, Domestic Income and National Income; GDP and NDP at Market Price and Factor Cost, measurement of national income and related aggregates; nominal and real income;	**ECO-RC-3016: Principles of Macroeconomics–I**

Name of the Teacher: Dr. Alaka Hujuri
Course: Honours / HG/GE/RC
Semester: III
Name of the Paper:

Unit Assigned:

Marks Assigned:

Class	Honours/ HG/GE/RC	Topic	Remarks
10	Honours	**1. Aggregate Demand and Aggregate Supply Curves** Derivation of aggregate demand and aggregate and supply curves; interaction of aggregate demand and supply.	**ECO-HC-3026: INTERMEDIATE MACROECONOMICS – I**

10		**2. Inflation, Unemployment and Expectations** Phillips curve; adaptive and rational expectations; policy ineffectiveness debate.	
16		**1. Introduction and Overview** The distinction between populations and samples and between population parameters and sample statistics; the use of measures of location and variation to describe and summarize data; moments – basic concepts and types.	**ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS**
18	RC/GE/HG	**3. Determination of GDP** Actual and potential GDP; aggregate expenditure; consumption function; investment function; equilibrium GDP; concepts of MPS, APS, MPC, APC; autonomous expenditure; Concept of multiplier.	**ECO-RC-3016: Principles of Macroeconomics–I**

Name of the Teacher: Dr. Trailokya Deka
Course: Honours / HG/GE/RC
Semester: III
Name of the Paper:
Unit Assigned:
Marks Assigned:

Class	Honours/ HG/GE/RC	Topic	Remarks
09	Honours	**2. Elementary Probability Theory** Sample spaces and events; probability axioms and properties; addition and multiplication theorem of probability, counting techniques; conditional probability and Bayes' rule; independence of events.	**ECO-HC-3036: STATISTICAL METHODS FOR ECONOMICS**

09		**3. Random Variables and Probability Distributions** Defining random variables; probability distributions; expected values of random variables and of functions of random variables; properties of commonly used discrete and continuous distributions (uniform, binomial, poisson and normal random variables).	
09		**3. Open Economy Models** Short-run open economy models; Mundell-Fleming model; exchange rate determination; purchasing power parity; asset market approach; Dornbusch's overshooting model; monetary approach to balance of payments; international financial markets.	**ECO-HC-3026: INTERMEDIATE MACROECONOMICS - I**
09		**5. Money in a Modern Economy** Concept of money in a modern economy; monetary aggregates; demand for money; quantity theory of money; liquidity preference and rate of interest; money supply and credit creation; monetarypolicy.	
18	RC/GE/HG	**1. Introduction** What is macroeconomics? Macroeconomic issues in an economy.	**ECO-RC-3016: Principles of Macroeconomics–I**

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FOURTH SEMESTER (HONOURS/ REGULAR)

Name of the Teacher: Firoza Ahmed
Course: Honours / HG/GE/RC
Semester: IV
Name of the Paper: ECO-HC-4026: Intermediate Macroeconomics – II,

ECO-HC-4036: Introductory Econometrics, ECO-SE-4014: Data Analysis & ECO-HG/RC-4016: Principles of Macroeconomics–II

Unit Assigned: 5
Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
08	Honours	**2. Microeconomic Foundations** a. Consumption: Keynesian consumption function; Fisher‘s theory of optimal intertemporal choice; life-cycle and permanent income hypotheses; rational expectations and random-walk of consumptionexpenditure. b. Investment: determinants of business fixed investment; residential investment and inventoryinvestment. c. Demand formoney.	Paper:ECO-HC-4026: Intermediate Macroeconomics - II
12		**3. Multiple Linear RegressionModel** Estimation of parameters; properties of OLS estimators; goodness of fit - R2 and adjusted R2; partial regression coefficients; testing hypotheses – individual and joint**;** functional forms of regression models; qualitative (dummy) independent variables.	ECO-HC-4036: Introductory Econometrics
09		**5. SpecificationAnalysis** Omission of a relevant variable; inclusion of irrelevant variable; tests of specification errors.	
07		3. Bivariate frequency distribution. Correlation and regression. Rank correlation.	ECO-SE-4014: Data Analysis
18	RC/GE/HG	**3. Inflation and Unemployment**	ECO-HG/RC-4016

		Relationship between inflation and unemployment: Phillips Curve in short run and long run.	Principles of Macroeconomics–II

Name of the Teacher: Anshuman Saikia
Course: Honours / HG/GE/RC
Semester: IV
Name of the Paper: ECO-HC-4016: Intermediate Microeconomics – II,

ECO-HC-4026: Intermediate Macroeconomics – II, ECO-SE-4014: Data Analysis & ECO-HG/RC-4016: Principles of Macroeconomics–II

Unit Assigned: 4
Marks Assigned:

Class	Honours / HG/GE/RC	Topic	Remarks
16	Honours	**1: General Equilibrium, Efficiency and Welfare** a) Exchange Economy, Consumption Allocation and Pareto Optimality; Edgeworth Box and Contract Curve; Equilibrium and Efficiency under Pure Exchange. b) Pareto Efficiency with production: Concepts of PPF, Social Indifference Curves and Resource Allocation. c) Perfect Competition, Pareto Efficiency and Market Failure (Externalities and Public Goods), Property Right and Coase Theorem.	ECO-HC-4016: Intermediate Microeconomics - II
14		**3. Fiscal and MonetaryPolicy** Active or passive; monetary policy objectives and targets; rules versus discretion: time consistency; the government budget constraint; government debt and Ricardian equivalence.	ECO-HC-4026: Intermediate Macroeconomics - II
06		1. Data entry in softwares like MS-Excel, SPSS/PSPP	ECO-SE-4014: Data Analysis
18	RC/GE/HG	**2. GDP and Price Level in Short Run and Long Run** Aggregate demand and aggregate supply; multiplier Analysis with AD curve and changes in price levels; aggregate supply in the SR and LR.	ECO-HG/RC-4016 Principles of Macroeconomics–II

Name of the Teacher: Dr. Alaka Hujuri
Course: Honours / HG/GE/RC
Semester: IV

Name of the Paper: ECO-HC-4026: INTERMEDIATE MACROECONOMICS – II, ECO-HC- 4036: INTRODUCTORY ECONOMETRICS, ECO-SE-4014: Data Analysis & ECO-HG/RC-4016: Principles of Macroeconomics–II

Unit Assigned: 5

Marks Assigned:

Class	Honours/ HG/GE/RC	Topic	Remarks
09	Honours	**1. Economic Growth** Harrod-Domar model; Solow model; golden rule; technological progress and elements of endogenous growth.	ECO-HC-4026: INTERMEDIATE MACROECONOMICS - II
11		**2. Simple Linear Regression Model: Two VariableCase** Estimation of model by method of ordinary least squares; properties of estimators; Gauss-Markov theorem; goodness of fit; tests of hypotheses; scaling and units of measurement; confidence intervals; forecasting.	ECO-HC-4036: INTRODUCTORY ECONOMETRICS
08		**4. Violations of Classical Assumptions: Consequences, Detection andRemedies** Multicollinearity; heteroscedasticity; serial correlation.	
08		4. Estimation of population parameters from sample data. Unbiased estimators for population mean and variance.	ECO-SE-4014: Data Analysis
18	RC/GE/HG	**1. IS-LM Analysis** Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.	ECO-HG/RC-4016 Principles of Macroeconomics–II

Name of the Teacher: Dr. Trailokya Deka
Course: Honours / HG/GE/RC
Semester: IV
Name of the Paper: ECO-HC-4026: ECO-HC-4016: INTERMEDIATE MICROECONOMICS – II, INTERMEDIATE MACROECONOMICS – II, ECO-HC- 4036: INTRODUCTORY ECONOMETRICS, ECO-SE-4014: Data Analysis ECO-HG/RC-4016: Principles of Macroeconomics–II
Unit Assigned: 5
Marks Assigned:

Class	Honours/ HG/GE/RC	Topic	Remarks
10	Honours	**Unit 2: Market Structure and Game Theory** a) Monopoly, Pricing with Market Power; Degree of Monopoly, Price Discrimination- Different Degrees; Multi-plant Monopoly, Peak-Load Pricing. b) Monopolistic competition; Product Differentiation; Perceived and Proportionate Demand Curves; Price-Output Determination. c) Oligopoly and Game Theory (Two Person Zero Sum Game, Basic ideas and examples of non zero sum games, Prisoner's Dilemma),	ECO-HC-4016: INTERMEDIATE MICROECONOMICS - II
06		**4. Schools of Macroeconomic Thoughts** Classicals; Keynesians; New-Classicals and New-Keynesians.	ECO-HC-4026: INTERMEDIATE MACROECONOMICS - II
10		**1. Statistical Background** Normal distribution; chi-sq, t- and F-distributions; estimation of parameters; properties of estimators; testing of hypotheses: defining statistical hypotheses; distributions of test statistics; testing hypotheses related to population parameters; Type I and Type II errors; power of a test; tests for comparing parameters from two samples.	ECO-HC-4036: INTRODUCTORY ECONOMETRICS
10		2. Univariate frequency distributions. Measures of central tendency: Mean median and mode; arithmetic, geometric and harmonic mean. Measures of dispersion: range, mean deviation and standard deviation, skewness and kurtosis.	ECO-SE-4014: Data Analysis
18	RC/GE/HG	**Balance of Payments and Exchange Rate** Balance of payments: current account and capital account; market for foreign exchange; determination of exchange rate.	ECO-HG/RC-4016 Principles of Macroeconomics–II

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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 Expenditure; 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 of Economic Development-GDP and PCI as indicators of Development, HDI; causes of Underdevelopment.	**E 504 Introductions to Growth and 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	**M 504 INTERNATIONAL**

		Theory; Empirical Test of H-O Model- Leontief Paradox; Factor Intensity Reversal	**TRADE: THEORY AND POLICY**
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.	
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	**M 503 INTRODUCTION TO ENVIRONMENTAL ECONOMICS**
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 Growth and Development Economics**
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.	

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, istribution, trade, and economic development; David Ricardo**:** Main Contributions in brief;Thomas Robert Malthus: Theory of Population, Theory of Glut; J. B. Say: Laws f 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- 2020- 2021

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** Time Series Analysis-Concept and Components- Measurement of Trend, Graphical Method, Moving average and Least square method, Fitting of linear and exponential trend curves.	**M 602 APPLIED STATISTICS**

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 DEVELOPMEN T**
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** Population, sample, parameter; sample versus complete enumeration; Types of samples-simple random, stratified random and systematic sampling.	**M 602 APPLIED STATISTICS**
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**