

Semester :I Department of ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:CC1

Code : ECOACOR01T

Credit:6

- Course coordinator: Niladr Saha

- **Course Outcome**

After successful completion of this course students will be able to:

1. Explain optimal allocation of resources among factors of production.
2. Understand meaning, scope and subject matter of economics.
3. Explain others factors affecting demand and supply and also determination of equilibrium price .
4. Understand different approaches of utility maximisation also stages of production and components of costs of production.
5. Understand features of different market form and their short run and long run behaviour.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks* (Tutorial)
Oct, 2021	Exploring the subject matter of Economics	EH	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. 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).	NS	10	1
Nov, 2021	Different types of market structures- Perfect competition	EH	3	
	Properties of indifference curves; consumer's optimum choice; income and substitution effects (Hicks & Slutsky); Ordinary and Compensated demand curves, Inferior goods and Giffen goods, Price consumption and income consumption curves	NS	10	2
Dec,	Monopoly, Monopolistic Competition and Oligopoly	EH	4	

2021	Production and Cost- Production function, Total, Average and Marginal products, Isoquants and economic regions of production, Cost minimization and expansion path, Elasticity of substitution, Economies of scale, Cobb Douglas, Fixed coefficient and CES functions, Short run and long run costs, Derivation of the cost function from production function.	NS	12	3
	Total		41	6

Resources :

Books:

1. Lipsey-Positive Economics
2. Maddala& Miller – Microeconomics
3. Koutsoyiannis – Modern Microeconomics
4. Ryan & Pearce – Price Theory
5. Henderson & Quandt – Microeconomic Theory- A Mathematical Approach (3rd Edition)
6. Ferguson & Gould – Microeconomics Theory

Semester :I Department of ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:CC2

Code: ECOACOR02T

Credit:6

- Course coordinator: EKBAL HOSSAIN

- **Course Outcome**

After successful completion of this course students will be able to:

1. Use basic mathematics that enables the creation of economic theory in general.
2. Understand the application of mathematical techniques to economic theory in general.
3. Solve problems related with utility maximisation, cost minimisation, profit maximisation etc.

Course planner

SI	Course Topic	Teacher	Class-hour	Remarks* (Tutorial)
Oct, 2021	1. Preliminaries -Concept, Set Theory	EH	2	
	2. Brief Review of Differential and Integral Calculus and application.	AKR	10	1
Nov, 2021	1. Preliminaries-Functions and Relations	EH	3	
	3.Simultaneous Linear Systems and Related Applications of Matrix Algebra.	AKR	10	2
	4. Other Topics			

Dec, 2021	6. Multi-variable optimization	EH	4	
	5. Single-variable optimization and application. 6. Multi-variable optimization and application.	AKR	12	3
	Total		41	6

Resources :

Books:

1. K. Sydsaeter and P. Hammond, Mathematics for Economic Analysis, Pearson Educational Asia: Delhi, 2002.
2. Blume, Lawrence and Carl Simon (1994), Mathematics for Economists, Norton. Chiang,
3. Alpha and Kevin Wainwright (2005), Fundamental Methods of Mathematical Economics, Fourth Edition, McGraw-Hill
4. Baldani, Bradfield and Turner, An Introduction to Mathematical Economic, Cengage Learning: 2007

Semester:3 Department of Economics Basirhat College Session:2021 -22

Lesson Plan for Course:CC5 Code: ECOACOR05T Credit:6

- Course coordinator : Niladri Saha

• **Course Outcome**

After successful completion of this course students will be able to:

1. Understand features of different market forms and short run and long run market equilibrium under different market forms.
2. Understand how to determine optimal price and employment of an input in different market structures
3. Understand nature of commodities and prices in different market forms.
4. Understand control of individual firm in different market form.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Sept 2021	1. Consumer Theory Revisited-(i) Preference; utility; budget constraint; choice; demand (ii) Application of indifference curve approach: Derivation of labour supply and inter temporal choice- Saving and	AKR	7	1

	borrowing.			
	2. Market Structure: Perfect Competition-Features, Short run and long run equilibrium of the firm, Short run supply function, Industry equilibrium; Long run industry supply with or without external economies or diseconomies.	NS	10	2
Oct 2021	1. Consumer Theory Revisited-(iii) Choice under risk: Describing Risk, Preferences towards risk, Reducing risk, the demand for Risky assets-the trade-off between Risk & Return (iv) Revealed Preference – the weak axiom and substitution effect.	AKR	5	
	3. Imperfect Market Structure: Monopoly-(i) Monopoly and anti-trust policy; government policies towards competition; Sources of monopoly power, Index of monopoly power.	NS	7	1
Nov 2021	4. Imperfect Market Structure: Monopolistic Competition-Concept: Product diversification	AKR	5	1
	3. Imperfect Market Structure: Monopoly-(ii) Equilibrium with single plant, multiple plants, Constrained revenue maximisation, Natural monopoly; Dead-weight loss of Monopoly	NS	8	1
Dec 2021	4. Imperfect Market Structure: Monopolistic Competition-Short-run & Long-run equilibrium; Excess Capacity	AKR	6	1
	3. Imperfect Market Structure: Monopoly-(iii) Price discrimination; peak-load pricing; bundling; two-part tariff. (iv) Monopsony.	NS	10	2
			58	9

Resources :

Books:

1. Hal R. Varian, Intermediate Microeconomics, a Modern Approach,
2. Pindyck&Rubinfeld – Microeconomics
3. Koutsoyiannis – Modern Microeconomics
4. Henderson & Quandt – Microeconomic Theory- A Mathematical Approach (3rd)

Semester:3 Department of Economics Basirhat College Session:2021 -22

Lesson Plan for Course:CC6

Code: ECOACOR06T

Credit: 06

- Course coordinator: Ekbal Hossain

- **Course Outcome**

After successful completion of this course students will be able to:

1. Understand the microeconomic foundation of various aggregative concepts used in the previous course.
2. Understand the causes and effects of different types of inflation and inflation, causes of different types of unemployment and also inflation-unemployment trade-off in an economy.
3. Acquire knowledge regarding development in macroeconomic concepts with special reference to Real Business Cycle and New Keynesian Economics.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Sept 2021	1. The classical system - The Classical view of macroeconomics in respect of the determination of employment, output and prices. Say's law and Walras' law – The dichotomy between the real sector and monetary sector – neutrality of money.	EH	17	3
Oct 2021	2. The Complete Keynesian model -• Derivation of aggregate demand and aggregate supply curve – Keynesian labour supplyfunction – determination of equilibrium – wage rigidity – involuntary unemployment – Underemployment equilibrium – effects of change in money supply and other factors on complete Keynesian model – money illusion. • Comparison with the Classical system – price flexibility – Real balance effect.	EH	11	2
Nov 2021	3. Inflation, Unemployment and Expectations- (i) Phillips curve; adaptive and rational expectations; policy ineffectiveness debate. (ii) Aggregate supply and Phillips curve; Inflation, unemployment and Phillips curve, Shift of Phillips curve, Disinflation and sacrifice ratio.	EH	13	2
Dec 2021	4. 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.	EH	17	2
	Total		58	9

Resources :

Books:

1. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
2. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.
3. Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition, 2009.
4. Errol D'Souza, Macroeconomics, Pearson Education, 2009
5. Branson, Macroeconomics (2nd) edition
6. SoumyenSikdar - Principles of Macroeconomics (OUP)
7. R. T. Froyen. Macroeconomics-Theories and Policies, Prentice Hall; 9th Edition, 2008.

Other resources :

*Remarks will specify

- The nature of the class-topic (viz. Theoretical, Practical, and Tutorial).
- Methodology of teaching (whether using ICT, engaging students in group discussion, quiz etc. etc.)
- Different modes of assessment. (Please check UGC evaluation reforms).

Semester:3 Department of Economics Basirhat College Session:2021 -22

Lesson Plan for Course:CC7 Code: ECOACOR07T Credit:06

- Course coordinator: Niladri Saha
- **Course Outcome**
After completion of the course, the students will be able to :
 1. Understand the basic mathematics that are useful in economics
 2. Understand the application of mathematical techniques to economic theory .
 3. Understand the application of LPP, Game theory etc.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Sept 2021	1. Multi-variable function: some concepts 2. Classical Optimization	NS	17	3
Oct 2021	3.Linear Programming and Duality &Applications.	NS	11	2
Nov 2021	4.Simultaneous Equation Systems & applications. 5.Dynamical Methods: algebraic and geometric exposition & applications.	NS	13	2
Dec 2021	6.Game Theory and its Applications	NS	17	2

	Revisions			
	Total		58	9

Resources :

Books:

1. Intrilligator, Mathematical Optimization and Economic Theory, (1971).
2. A. Dixit, Optimization in Economic Theory, OUP, (1995).
3. Dorfman, Samuelson and Solow, Linear Programming and Economic Analysis.
4. Simon and Blume, Mathematics for Economists, Norton and Company, 1994.
5. K. Sydsaeter, P Hammond, Mathematics for economic analysis, Pearson Education, (2002).
6. A.C. Chiang, Mathematical Economics, McGraw Hill, 1995.

Semester :V Department of ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:CC11

Code : ECOACOR11T

Credit:6

- Course coordinator: A.K.Roy

- **Course Outcome**

After successful completion of this course students will be able to:

1. learn basic concepts of Estimation, Testing of hypothesis.
2. learn simple and multiple regression techniques
3. .Describe qualitative information, single and multiple dummy independent variable.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Sept 2021	1. Classical Statistical Inference	NS	14	2
Oct 2021	2. Linear Regression	NS	9	1
Nov 2021	3. Problems in OLS Method	NS	10	2
Dec 2021	4. Multiple Regression with qualitative information 5. Specification Analysis	NS	14	2
	Total		47	7

Resources :

Reference Book:

1. D. Gujrati, Basic Econometrics, McGrawhill Higher Education (2003)
2. G.S.Maddala, Introduction to Econometrics, 3rd edition, John Wiley & Sons Ltd (2005).

Semester :V Department of ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:CC12 Code: ECOACOR12T Credit:6

- Course coordinator: EKBAL HOSSAIN
- **Course Outcome**
After successful completion of this course students will be able to:
 4. Understand basic concepts of development and related indexes.
 5. Understand strategies of development and different growth models.
 6. Understand production patterns and world inequality; financial instability in a globalized world.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Sept 2021	1. Basic concepts of development	EH	14	2
Oct 2021	4. Globalization	EH	9	1
Nov 2021	2. Persistence of Underdevelopment and Strategies of Development	EH	10	2
Dec 2021	3. Poverty and Inequality	EH	14	2
	Total		47	7

Books:

- 1.Thirlwall: Growth and Development
- 2.Debraj Roy: Development Economics
3. G.M. Meier and J.E. Rauch.Learning Issues in Economic Development. Oxford University Press
- 4.K. Basu: Analytical Development Economics, OUP
- 5.Devesh Bhattacharya: Political Economy of Development
- 6.Todaro and Smith: Economic Development, Pearson Education, 2009

Semester :V Department of ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:DSE1 Code : ECOADSE01T Credit:6

- Course coordinator: Niladr Saha
- **Course Outcome**
After successful completion of this course students will be able to:
 6. conduct research work.

7. collect data from different sources.
8. knowledge about using statistical techniques.
9. use statistical software packages like STATA,EVIEWS,SPSS

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Sept 2021	1. Stages in Empirical Econometric Research 2. Essential steps in Primary data collection	NS	14	2
Oct 2021	3. Application of Statistics	NS	9	1
Nov 2021	4. Application of Econometrics	NS	10	2
Dec 2021	5.Introduction to Econometric Software Package	NS	14	2
	Total		47	7

Resources :

Books:

1. Maddala, G, Introduction to Econometrics, Willey, (2002).
2. Hadley, Linear Programming, Addison-Wesley Pub Co (1962)
3. Cochran, Sampling Techniques , Wiley; 3rd edition (1977)
4. Wooldridge, J.W : Introduction to Econometrics, South-Western, Division of Thomson Learning; International ed edition (2005)
5. Kenney and Keeping: Mathematics of Statistics, Part1& II, D. Van Nostrand Company Inc; 2nd edition (1951).
6. Madnani, Introduction to Econometrics, S. Chand, (2000).

Semester :V Department of ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:DSE2 Code: ECOADSE02T Credit:6

- Course coordinator: EKBAL HOSSAIN
- **Course Outcome**
After successful completion of this course students will be able to:
 7. Understand scope of Public Economics
 8. Understand Market Failure and Government Intervention
 9. understand government budget and its types .
 10. understand sources of Public Borrowings.

Course planner

Sl	Course Topic	Teacher	Class-	Remarks*
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			hour	
Sept 2021	Definition of Public Good; Characteristics of Pure Public Good; Distinction between Pure Public Good, impure public good and Private Good; Free riding problem	AKR	7	1
	Definition and Scope of Public Economics; Externalities	NS	4	
	Classification of Taxes; Canons of Taxation; Benefit Principle; Equal Sacrifice Principle; Ability to Pay Principle; Incidence and Burden of Taxes	EH	4	
Oct 2021	Market Failure in case of Pure Public Good; Optimal provision of Public Goods.	AKR	4	1
	Market Failure and Government Intervention; Coase Theorem.	NS	2	
	Effects of taxation on income distribution, work efforts, and on savings; dead weight loss and distortion, efficiency and equity considerations, tax incidence.	EH	3	
Nov 2021	Private Provision and Public Provision of Public Goods; Lindahl Equilibrium, Voting Equilibrium.	AKR	5	1
	Fiscal functions: an overview.	NS	3	
	Optimal taxation; the Laffer curve.	EH	3	
Dec 2021	Meaning and Classification of Public Expenditure; government budget and its types. Government expenditure and tax multipliers, balanced budget multiplier;	AKR	7	1
	Fiscal Federalism in India; Meaning of Public Debt	NS	3	1
	Sources of Public Borrowings: internal and external borrowing; Effects of Public Debt.	EH	3	1
	Total		48	6

Resources :

Books:

1. J. Hindriks, G. Myles: Intermediate Public Economics, MIT Press, 2006.
2. H. Rosen, T. Gayer: Public Finance, 9th ed., McGraw-Hill/Irwin, 2009.
3. J. E. Stiglitz, Economics of the Public Sector, W.W. Norton & Company, 3rd edition, 2000.
4. R.A. Musgrave and P.B. Musgrave, Public Finance in Theory & Practice, McGraw Hill Publications, 5th edition, 1989.
5. Mahesh Purohit, Value Added Tax: Experiences of India and Other Countries, 2007.

6. M.M. Sury, Government Budgeting in India, 1990.
8. A.B. Atkinson and J.E. Stiglitz, Lectures on Public Economics, McGraw-Hill Inc., US, 1980.
9. J. F. Due and A. F. Friedlander. Government Finance-Economics of Public Sector, AITBS Publishers and Distributors, 1994
10. Amaresh Bagchi (ed), Readings in Public Finance, OUP
11. R.J. Chelliah (ed), Towards Sustainable Growth, OUP, 2009
12. A Ghosh and C. Ghosh, Public Finance, Prentice Hall India Learning Private Limited; 2nd Revised edition (2014)

Semester: II Department Of: ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course: CC3

Code: ECOACOR03T

Credit:06

- Course coordinator: A.K.Roy
- **Course Outcome**
After successful completion of this course students will be able to:
 1. Explain others different components of national income and their importance in National income accounting.
 2. Understand demand and supply of money, credit creation and monetary and fiscal measure to control supply and demand of money in the economy.
 3. Understand causes and effects of inflation and role Of Govt to check inflationary effects.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Feb, 2022	Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow.	AKR	5	
	Functions of money; quantity theory of money	NS	3	
Mar, 2022	Different methods of calculating NI; measurement of cost of living – CPI, GDP deflator; measuring joblessness – Unemployment rate, Unemployment and GDP – Okun’s Law; national income accounting for an open economy; balance of payments: current and capital accounts; NI as a measure of economic welfare.	AKR	12	4
	Determination of money supply and demand; credit creation; tools of monetary policy.	NS	6	2
April, 2022	Classical and Keynesian systems (difference in concepts)	AKR	12	3

	Simple Keynesian model of income determination			
	Inflation and its social costs; Demand Pull and Cost Push inflation; hyperinflation.	NS	5	2
May,2022	Multipliers, ISLM model; fiscal and monetary multipliers.	AKR	12	3
	Anti-inflationary policies	NS	6	1
Jul,2022	Revision	AKR	9	
	Revision	NS	5	
			75	15

Resources :

Books:

1. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
3. Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition, 2009.
4. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005.
5. Errol D'Souza, Macroeconomics, Pearson Education, 2009.
6. Branson, Macroeconomics (2nd) edition

Semester: II Department Of: ECONOMICS Basirhat College Session: 2021-22

Lesson Plan for Course:CC4 Code: ECOACOR04T Credit:06

- Course coordinator: A.K.Roy

- **Course Outcome**

After successful completion of this course students will be able to:

1. Understand basic concepts statistics and different methods of collecting, representing data.
2. Explain others characteristics of sample data adopting various methods of statistical measurements.
3. Understand the comparability, consistency, spreadness /concentration among different sets of sample data.
4. Understand the degree and the direction of association in bivariate setup.
5. Estimate dependent variable using regression analysis.
6. Understand Stock market indices ,CPI,WPI etc.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Feb, 2022	Population and sample, parameter and statistic; Data Collection: primary and secondary data, methods of	EH	7	1

	collection of primary data; Presentation of Data: Uni-variate frequency distribution; cumulative frequency; graphic and diagrammatic representation of data			
Mar, 2022	Measures of Central tendency. Measures of Dispersion	EH	20	4
April,2022	Measures of Skewness and Kurtosis. Bivariate frequency distribution. ANOVA Tables	EH	18	4
May,2022	Time series. Index Numbers	EH	18	4
Jul,2022	Vital statistics. Revision of all chapters	EH	12	2
			75	15

Resources :

Books:

1. Kenny and Keeping : Mathematical Statistics, Part 1 &Part II
2. Croxton, Cowden and Klein : Applied Statistics, Prentice Hall; Applied General Statistics.3d. ed., Prentice-Hall, Inc., 1960.
3. Das, N.G., Statistical Methods, TheEWorld Press Pvt. Ltd., Calcutta.
4. Fundamentals of Statistics: Goon, Gupta, Dasgupta, The World Press, 1996
5. M. R. Saluja: Indian Official Statistical Systems.

Semester:IV Department of Economics Basirhat College Session: 2021-22

Lesson Plan for Course: CC8 Code: ECOACOR08T Credit:06

- Course coordinator: Asok Kr Roy

- **Course Outcome**

After successful completion of this course students will be able to:

1. Understand the strategic behaviour of firms under oligopoly.
2. Understand the concept of market failure.
3. Explain general equilibrium and welfare.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks* Tutorial
Feb 2022	Conjectural Variation & Reaction functions	GL-1	2	
	Analysis of Cournot & Stackelberg; Collusive Oligopoly	GL-1	2	2

	Prisoners' dilemma in cartel stability	GL-1	2	
Mar 2022	Nash equilibrium of game. Externalities	GL-1	6	2
	Public goods and markets with asymmetric information-Moral hazard	GL-1	7	1
	Adverse selection (concepts only)-Market for Lemons	GL-1	6	2
Apr 2022	Derived demand for a single input & multiple input in competitive & imperfectly competitive markets	GL-1	6	1
	Firm demand & industry demand, Adding up problem,	GL-1	6	2
	Collective bargaining & exploitation.	GL-1	5	2
May 2020	Rent & Quasi-rent	GL-1	6	2
	Equilibrium and efficiency under pure exchange and production.	GL-1	6	1
	Conditions of Pareto optimality. Overall efficiency and welfare economics.	GL-1	6	1
Jun 2020	Revision	GL-1	14	
			75	15

Resources :

Books:

1. Robert Gibbons. A Primer in Game Theory, Princeton University Press, 1992.
2. Gravelle&Ress, Microeconomics (3rd Edition)
3. Pindyck&Rubinfeld – Microeconomics
4. Koutsoyiannis – Modern Microeconomics
5. Maddala& Miller – Microeconomics

Semester:IV Department of Economics Basirhat College Session: 2021-22

Lesson Plan for Course:CC9 Code : ECOACOR09T Credit :06

- Course coordinator: EKBAL HOSSAIN

- **Course Outcome**

After successful completion of this course students will be able to:

1. Acquire knowledge about different growths models.
2. Understand different schools of thoughts in economics.
3. Explain others about the micro-foundations to the various aggregative concepts used in the previous course.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks* Tutorial
Feb 2022	Conjectural Variation & Reaction functions	GL-1	2	
	Analysis of Cournot & Stackelberg; Collusive Oligopoly	GL-1	2	2
	Prisoners' dilemma in cartel stability	GL-1	2	
Mar 2022	Nash equilibrium of game. Externalities	GL-1	6	2
	Public goods and markets with asymmetric information-Moral hazard	GL-1	7	1
	Adverse selection (concepts only)-Market for Lemons	GL-1	6	2
Apr 2022	Derived demand for a single input & multiple input in competitive & imperfectly competitive markets	GL-1	6	1
	Firm demand & industry demand, Adding up problem,	GL-1	6	2
	Collective bargaining & exploitation.	GL-1	5	2
May 2020	Rent & Quasi-rent	GL-1	6	2
	Equilibrium and efficiency under pure exchange and production.	GL-1	6	1
	Conditions of Pareto optimality. Overall efficiency and welfare economics.	GL-1	6	1
Jun 2020	Revision	GL-1	14	
			75	15

Resources :

Books:

1. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
2. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.
3. Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition, 2009.
4. Charles I. Jones, Introduction to Economic Growth, W.W. Norton & Company, 2nd edition, 2002.
5. Errol. D'Souza, Macroeconomics, Pearson Education, 2009.
6. Robert J. Gordon, Macroeconomics, Prentice-Hall India Limited, 2011.
7. Branson, Macroeconomics (2nd edition)

Semester:IV

Department of Economics Basirhat College

Session: 2021-22

Lesson Plan for Course:CC10

Code: ECOACOR10T

Credit:06

- Course coordinator: A.K.Roy

- **Course Outcome**

After successful completion of this course students will be able to:

1. Make distinction between sample and population and between statistic and parameter.
2. Learn conception and definitions of various statistical terms, rules and theorems along with the application of various univariate probability distribution functions.
3. Understand about probability distributions of discrete and continuous random variables .
4. Understand how to select samples from a population .
5. Infer about an unknown population with the help of sample observations.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Feb, 2022	The distinction between populations and samples, between population parameters and sample statistics; measures to describe and summarize data; population moments and their sample counterparts	AKR	4	
	Random variable, Sample spaces and events; probability axioms and properties; counting techniques.	EH	4	
Mar, 2022	Defining random variables; probability distributions;properties of discrete and continuous distributions, expected values of random variables.	AKR	9	3
	Permutations and Combinations; conditional probability and Bayes' rule; independence	EH	9	3
Apr, 2022	Concepts of some special distributions (Uniform distribution; Binomial and related Distributions; Poisson, Normal and Bivariate Normal distributions; Beta, Chi-Square, t and F distributions), Transformations of variables: discrete and continuous types, Expectations of functions of random variable.	AKR	9	2
	Properties of distribution functions, mass functions and density functions for jointly distributed random	EH	9	2

	variables; Computation of expected values; covariance and correlation coefficients.			
May, 2022	(a) Principal steps in a sample survey; methods of sampling; the role of sampling theory; (b) Distributions of sample mean and sample variance, properties of random samples.	AKR	9	2
	Point and Interval Estimation, properties of estimators; confidence intervals for population parameters, Estimation of population parameters using methods of moments and maximum likelihood procedures.	EH	8	3
Jun, 2022		AKR	7	
		EH	7	
			75	15

Resources :

Books:

1. John E. Freund's Mathematical Statistics with Applications (7th Edition), Irwin Miller (Author), Marylees Miller (Author), Prentice Hall (2003)
2. . Kenny and Keeping : Mathematical Statistics, Part 1 &Part II
3. R.G.Hogg and A.T.Craig : Introduction to Mathematical Statistics, Pearson Education (Indian Edition)
4. V. K. Rohatgi and A. K. M. E. Saleh, An Introduction to Probability and Statistics, 2nd Edition, Wiley (2000).
5. Jay L. Devore, Probability and Statistics for Engineers, Cengage Learning, 2010.
6. John E. Freund, Mathematical Statistics, Prentice Hall, 1992.

Semester:VI Department of Economics Basirhat College Session: 2021-22

Lesson Plan for Course:CC13

Code: ECOACOR13T

Credit:6

- Course coordinator :EKBAL HOSSAIN

- **Course Outcome**

After successful completion of this course students will be able to:

1. Understand evolution of Indian planning system.
2. Major features of Indian economy ,its constraints and planning and development strategies.
3. Dual role of population on economic development.
4. Role of fiscal and monetary policy on economic development.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Feb,22	Trends and policies in poverty	AKR	1	
	Major features of the economy at independence; Structural constraints; Economic planning Evolution of Indian Planning and its development goals and strategies	GL-1	6	1
Mar,22	Inequality and unemployment.	AKR	4	
	Debates between 17 Growth and distribution, Public sector vs. Private sector, Consumer goods vs. Capital goods, Import substitution vs. Export promotion ; growth and development under different policy regimes—goals, constraints, institutions and policy framework; an assessment of performance—sustainability and regional contrasts; structural change, savings and investment.	GL-1	16	4
Apr,22	Indian growth pattern in post liberalisation era	AKR	3	
	Demographic trends and issues; education; health and malnutrition.	GL-1	18	4
May,22	Indian growth pattern in post liberalisation era	AKR	3	
	Trends and policies in poverty; inequality and unemployment. Indian growth pattern in post liberalisation era.	GL-1	18	4
Jun,22	Fiscal Policy; trade and investment policy; financial and monetary policies; labour policy	AKR	9	2
		GL-1	3	
			75	15

Resources :

Books:

1. Datt&Sundaram, Indian Economy(latest Ed.)
2. Mishra &Puri, Indian Economy(latest Ed.)
3. Uma Kapila, Indian Economy: Performance and Policies(latest Ed.)
4. Uma Kapila, Indian Economy Since Independence(latest Ed.)
5. Jean Dreze and AmartyaSen, 2013. An UncertainGlory: India and its Contradictions,

Princeton University Press.

Semester:VI Department of Economics Basirhat College Session: 2021-22

Lesson Plan for Course:CC14 Code: ECOACOR14T Credit:6

- Course coordinator :A.K.ROY
- **Course Outcome**
After successful completion of this course students will be able to:
 - 1.Understand basis international trade and its direction and gains from trade.
 2. Understand the effects of tariff, quota, subsidy on economy.
 3. Acquire knowledge about trade theories.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
FEB. 22	What is International Economics all about?- Meaning and scope of International Economics- Arbitrage as basis and direction of International Trade – difference between international trade and intranational trade.	NS	4	
	Concept of Absolute advantage and comparative advantage; externalities, regulation and perverse comparative advantage	EH	4	
MAR ,22	International Equilibrium: Derivation of Offer Curve using TIC and Trade TriangleTOT- Equilibrium with TIC-Stability of Offer Curve- Offer Curve under constant Opportunity Cost Condition	NS	9	3
	Gains from Trade: Concept (and significance of shape) of PPF- Decomposition of GFT- Production and Exchange Gain-Substitution possibilities and magnitude of GFT. Exceptional cases where there is only one of the gains or even no gain.	EH	9	3
APR, 22	Effect of Instruments of Trade Policy: Effect of imposition of Tariff in partial equilibrium framework for small and large country , Quota, Quota- Tariff equivalence & nonequivalence,	NS	9	2

	effects of tariff, quota, subsidy and voluntary export restraint; Effect of Export Subsidy in partial equilibrium framework for small country,			
	Balance of Payment accounts in an open economy; Determination of National Income, Transfer problem, Introduction of foreign Country & repercussion effect - open economy multiplier with & without repercussion effect	EH	9	2
MAY,22	General Equilibrium Analysis distinction between large and small economy, welfare effects of a tariff on small country and large country, Offer curve and ToT, Tariff ridden offer curve, Tariff war, Optimum tariff for large economy, Metzler's Paradox.	NS	9	2
	Fixed & Flexible Exchange Rate: adjustment of demand and supply of Foreign Exchange, Effect of devaluation.	EH	9	2
JUN, 22	Pegged Exchange Rate and BoP: Expenditure Switching Policy (Elasticity Approach) and Expenditure Reducing Policy (Absorption Approach)-Synthesis Approach.	NS	6	1
	Effects of exchange rate on domestic prices and ToT, Marshall-Lerner Condition, J-Curve effect.	EH	7	
			75	15

Resources :

Books:

1. Soderstein. Bo : International Economics, 2nd Edition
2. Kennen,P : International Economics
3. Caves, Frandel and Jones: World Trade and Payments.
4. Krugman and Obstfeld: International Economics- Theory and policy, 8th Edn Pearson
5. RajatAcharyya: International Economics - - Oxford University Press
6. International Economics : Trade & Finance, Dominick Salvatore, 11 thEdn Wiley Publication
7. International Economics :Theory and policy, Krugman and Obstfeld, 8th Edn Pearson
8. Chacholiades M.(1990): International economics , McGraw-Hill

Semester:VI

Department of Economics

Basirhat College

Session: 2021-22

Lesson Plan for Course:DSE3**Code: ECOADSE04T****Credit:6**

- Course coordinator :A.K.ROY

- **Course Outcome**

After successful completion of this course students will be able to:

- 1.The meaning of economic development and its approaches.
- 2.Understand different types of social and economic inequalities and theirs effects.
- 3.Understand the importance of sustainable development.
- 4.Understand role and formation of several international organisation.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
FEB, 22	Meaning of Economic Development: Income Approach and Capability Approach, construction and interpretation of HDI; international variations in development measures; comparing development trajectories across nations and within them.	GL-1	7	1
MAR ,22	Poverty and Inequality : Inequality axioms; a comparison of commonly used inequality measures; Gender Inequality, connections between inequality and development; poverty measurement, HPI; poverty traps and path dependence of growth processes. Political Institutions and the State: Definition of institutions, Evolution of Political and Economic Institutions; The determinants of democracy; alternative institutional trajectories and their relationship with economic performance; within-country differences in the functioning of state institutions; state ownership and regulation; government failures and corruption.	GL-1	19	5
APR, 22	Individuals, Communities and Collective Outcomes: Individual behavior in social environments, multiple social equilibria; governance in organizations and in communities; individual responses to organizational inefficiency.	GL-1	19	3

	Environment and Sustainable Development: Defining sustainability for renewable resources; a brief history of environmental change; common-pool resources; environmental externalities and state regulation of the environment; economic activity and climate change.			
MAY, 22	Globalization: I. Development as historical processes- Dependency Approach, Unequal exchange. II. Evolution of New international economic order- Post Second World War Development Scenario Neo liberalism, Washington consensus, North-South Divide, formation of IMF, WB, UNCTAD, GATT and the Dunkel Draft controversy- World Trade Organization (WTO). III. Foreign Finance, Investment and Development: Private foreign direct investment and Multinational Corporations, private portfolio investment, development assistance debate.	GL-1	18	4
JUN, 22		GL-1	12	2
			75	15

Resources :

Books:

1. Debraj Ray, Development Economics, Oxford University Press, 2009.
2. Partha Dasgupta, Economics, a Very Short Introduction, Oxford University Press, 2007.
3. Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, Understanding Poverty, Oxford University Press, 2006.
4. Kaushik Basu, The Oxford Companion to Economics in India, OUP, 2007.
5. Kaushik Basu, Analytical Development Economics, OUP
6. Amartya Sen, Development as Freedom, OUP, 2000.
7. Meier and Rauch (ed)- Leading Issues in Development Economics, OUP
8. Todaro and Smith: Economic Development, Pearson Education, 2009
9. Hayami and Godo, Development Economics, OUP, 2005

Semester:VI Department of Economics Basirhat College Session: 2021-22

Lesson Plan for Course:DSE4

Code: ECOADSE06P

Credit:6

- Course coordinator :Niladri Saha

- **Course Outcome**

After successful completion of this course students will be able to:

1. taking up independent analytical research project where they can learn how to select a real life problem.
2. The students are supposed to come up with a conclusive answer to the research question.
3. This exercise is expected to enhance analytical skill of the students.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
FEB,22	Guide and monitor students regarding Project.	GL-2	7	1
MAR,22	Guide and monitor students regarding Project.	GL-2	19	5
APR,22	Guide and monitor students regarding Project.	GL-2	18	4
MAY,22	Guide and monitor students regarding Project.	GL-2	18	4
JUN,22	Guide and monitor students regarding Project.	GL-2	13	1
			75	15