

Lesson Plan for Course: Paper-4 General**Marks:100**

- **Course coordinator: EKBAL HOSSAIN**

- **Course Outcome**

Group: A [Development Economics] (50)

After completion of this course the students will be able to understand :

1. The distinction between Economic growth and Economic development and how economic development is influenced by population growth, gender aspects and foreign capital
2. The alternative strategies of economic development and the complementary role of agriculture and industry in economic development
3. Role of different international institutions like IMF, World Bank and WTO in economic development of developing nations

Group: B [Statistics] (50)

After completion of this course the students will be able to understand :

1. The basic concept and definitions of various statistical terms along with various statistical techniques which, in turn, helps the students to quantify the various micro and macro economic variables.
2. The quantitative measurement of different development indices in economic theory.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
July 2019	Distinction between Economic Growth and Economic Development.	AKR	2	
	Distinction between Economic Growth and Economic Development. Net national Income and Per capita income as growth indicators.	EH	3	
	Meaning of Statistics, Variable and Attribute	NS	1	
	,Primary and secondary data. Population and Sample, Complete enumeration (census) and Sample Survey.	GL	2	
Aug 2019	Concepts of Human development Index	AKR	3	
	Concepts of Human development Index. Gender related Development Index, Gender Empowerment Measure and Human Poverty Index.	EH	7	
	Classification, Tabulation. Charts and Diagrams	NS	4	
	Classification, Tabulation. Charts and Diagrams: Objectives of Diagrammatic Representation-Types of Chart and Diagram, Line diagram, Bar diagrams, Pie diagram and Pictogram.	GL	8	
Sept 2019	Population and Economic Development: The two-way relation.	AKR	3	
	Population and Economic Development: The two-way relation.	EH	7	
	Frequency Distribution: Construction of Frequency distribution-Cumulative Frequency Distributions.	NS	4	

	Diagrammatic representation of frequency distribution.			
	Frequency Distribution: Construction of Frequency distribution-Cumulative Frequency Distributions. Diagrammatic representation of frequency distribution.	GL	7	
Oct 2019	Histogram	NS	1	
	Histogram, Frequency polygon and ogive.	GL	1	
Nov 2019	Gender related issues in work and opportunities and in Socio economic outlook.	AKR	4	
	Gender related issues in work and opportunities and in Socio economic outlook.	EH	8	
	Measure of central tendency: Mean (A.M. G.M. H.M.) Median, and Mode.	NS	3	
	Measure of central tendency: Mean (A.M. G.M. H.M.) Median, and Mode	GL	8	
Dec 2019	Development planning and its necessity.	AKR	2	
	Balanced VS Unbalanced growth Complementary roles of Agriculture and Industry- Role of technology in Agriculture and Industry.	EH	5	
	Domestic capital formation in Developing Economies	NS	3	
	The problems, Incentives for Savings and investment.	GL	4	
JAN 2020	Foreign Investment	AKR	4	
	Different forms-Their roles in Economic Development.	EH	8	
	Measures of Dispersion: Range, Mean Deviation, Quartile Deviation	NS	4	
	Measures of Dispersion: Range, Mean Deviation, Quartile Deviation	GL	7	
Feb 2020	Role of I.M.F and Economic Development of the Developing Economies.	AKR	4	
	Role of World Bank and W.T.O in Economic Development of the Developing Economies.	EH	7	
	Standard Deviation.	NS	4	
	Relative measures of Dispersion: Coefficient of Variation.	GL	8	
March 2020	REVISION			REVISION
			Total: 136	

Resources :

Books:

1. Todaro, M.P.: Economic Development in the third world, Longman.
2. Meier, G.M. (ed.) : Leading issues in Economic Development, Oxford University Press.
3. Goon, A.M. , Gupta, M.K. & Dasgupta B. : Basic Statistics, The World Press Pvt. Limited.
4. Das, N.G.: Statistical Methods, M. Das & Co.
5. Gupta, Subrata & Sengupta, Bhamor : Unnayoner Arthanithi O Rasibigyanar Gorar Katha, Bani Prakashan.

6. De, Biman Chandra: Unnayoner Arthanithi O Prathamik Parishankhan Vidya, Central Publisher.

7. Sarkhel, JoyDeb: Arthanithic Unnayon, Book Syndicate.

CBCS SYSTEM

Lesson Plan for Course: DSC-I/GE-I Code: ECOGCOR01T & ECOHGEC01T Credit: 6

- **Course coordinator EKBAL HOSSAIN**

- **Course Outcome**

After completion of this course the students will be able to understand:

CO1: The factors that determine the demand for a product by a consumer and how consumer maximises utility subject to budget constraint .

CO2: How a business firm decides its output production in short run and long run by considering various costs of production to maximise profit .

CO3: The characteristic features of different types of output market structure where buyers and sellers interact.

CO4: The determination of prices of different factors of production in factor market .

Course planner

SI	Course Topic	Teacher	Class-hour	Remarks*
July, 2019	Marginal Productivity Theory of Distribution	AKR	2	TUTORIAL EH-1
	Concept of Production- Factors of Production- Production Function: Concepts of TP, AP and MP. Derivation of AP and MP curve graphically from TP curve- Law of Variable Proportions.	NS	2	
	What is economics? Scope and method of economics; the economic problem: scarcity and choice; Distinction between Microeconomics and Macroeconomics; Concept of Market, Demand & Supply – Market equilibrium.	EH	3	
Aug, 2019	Rent : (a) Ricardian Theory , (b) Modern Theory , (c) Quasi- Rent.	AKR	3	TUTORIAL EH-2 NS-2 AKR-1
	Isoquants and its Properties- Expansion Path- Laws of Returns to Scale. Concepts of Revenue- TR, AR, MR. Derivation of AR and MR curve from TR curve –Relation concerning AR, MR and Elasticity of Demand.	NS	5	
	Elasticity of Demand : Price elasticity of Demand-Factors affecting the price elasticity of demand-Measurement of point price elasticity of demand and Arc elasticity- Income elasticity of demand.	EH	9	
Sept, 2019	Wage: Marginal Productivity Theory of Wages – Role of Trade Union in Wage Determination under Competitive Set up.	AKR	4	TUTORIAL EH-2 NS-1

	Cost of Production –Fixed cost and Variable cost –Shape of the Short-run cost curves-Relation between AC and MC –LAC is the envelope of SACs.	NS	5	
	Marginal Utility- Law of Diminishing Marginal Utility- Derivation of demand curve from marginal utility curve- Consumers' surplus.Indifference curve: Definition and Characteristics.	EH	9	
Oct, 2019	Budget line –Consumers' Equilibrium-	EH	2	
Nov, 2019	Interest: Real and Monetary Interest Rate – Lovable Fund Theory of Interest Rate –Liquidity Theory of Interest Rate.	AKR	2	TUTORIAL
	Characteristics of Perfectly Competitive Market. Short – run and Long-run equilibrium of Perfectly Competitive firm and industry.	NS	6	EH-2 NS-2 AKR-1
	Income effect and Substitution effect- Graphical presentation to show Price effect is the summation of Income effect and Substitution effect- Inferior goods and Giffen goods. Concept and Characteristics of Monopoly Market.	EH	10	
Dec, 2019	Profit: Gross Profit and Net Profit – Difference Between Profit and Other Factor Incomes (concepts only).	AKR	3	TUTORIAL
	Short –run and Long-run equilibrium of Perfectly Competitive firm and industry.	NS	4	EH-1
	Degree of Monopoly Power.Monopolistic competition and Oligopoly - Features and example	EH	6	
			75	15

Resources :

Books:

1. Lipsey ,R.G – An Introduction to Positive Economics .Widenfeld and Nicholson ,London.
2. Ahuja , H.L – Advanced Economic Theory.
3. Stonier Hague – Economics
4. Mukherjee, Debes – Essentials of Micro and Macroeconomics New Central Book Agency (P) Ltd.
5. Dewett , K.K –Modern Economic Theory
6. Sharkhel-Microeconomic Theory

Lesson Plan for Course :DSC-II/GE-II Code : ECOGCOR02T & ECOHGEC02T

Credit:06

- **Course coordinator: EKBAL HOSSAIN**

- Course Outcome

After completion of this course the students will be able to understand :

CO1: The three key macroeconomic concepts for a closed economy, namely, economic growth (and how it is measured in terms of GDP and National Income), Inflation (its different types and how it is influenced by

money supply) and unemployment (how it can be present in Keynesian macroeconomic system)

Classical and

CO2: The idea of two important component of GDP, namely, Consumption and Investment .

CO3: The money and banking system of an economy.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Jan,2020	Concepts of Inflation, Deflation and Stagflation Inflationary Gap.	AKR	3	TUTORIAL EH-2 NS-1
	Functions of Money – Value of Money Different Concepts of Money : M1, M2, M3 and M4.	NS	5	
	National Income and its measurement- different methods and their drawbacks.	EH	7	
Feb,2020	Distinction between Demand Pull and Cost Push Inflation- Effects of Inflation .	AKR	3	TUTORIAL EH-2 NS-1 AKR-1
	Concepts of Bank and Non-bank Financial Intermediaries .	NS	6	
	GDP and GNP; Difference between Nominal and real GNP/GDP; GNP/GDP as a true index of Nation's welfare; concept of HDI.	EH	10	
March,2020	Anti-inflationary Fiscal Policies.	AKR	3	TUTORIAL EH-2 NS-1 AKR-1
	Functions and Credit Creation of Commercial Banks .	NS	6	
	Classical Macro economic theory and Keynesian Theory (concepts and historical background, how they are different).	EH	9	
April, 2020	Anti-inflationary Monetary Policies.	AKR	4	TUTORIAL EH-2 NS-1
	Functions of Central Bank and Credit Control Measures.	NS	6	
	Simple Keynesian Model (SKM) of Income Determination- Consumption Function– Relation between Average and Marginal Propensity to Consume.	EH	10	
May, 2020	Credit Control Measures of Central Bank.	NS	2	TUTORIAL AKR-1
	Multiplier Theory .	EH	3	
Jun,2020	Assessment: End-term Test			
	TOTAL		77	15

Resources :

Books:

1. Gupta , S.B – Monetary Economics , S.Chand& Co. , New Delhi
2. Ahuja , H.L - Macroeconomics
3. Mukherjee ,Debes – Essentials of Micro and Macroeconomics, New Central Book Agency (P) Ltd.

Lesson Plan for Course:DSC-3/GE-3 Code: ECOGCOR03T & ECOHGEC03T**Credit:06**

- **Course coordinator:EKBAL HOSSAIN**

Course Outcome

After completion of this course the students will be able to understand :

- CO1: The distinction between Economic growth and Economic development and how economic development is influenced by population growth, gender aspects and foreign capital.
- CO2: The alternative strategies of economic development and the complementary role of agriculture and industry in economic development.
- CO3: Role of different international institutions like IMF, World Bank and WTO in economic development of developing.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
July, 2019	Meaning of growth and development.	AKR	2	TUTORIAL EH-1
	Balanced growth Theories	NS	2	
	Population and Economic Development.	EH	3	
Aug, 2019	Meaning of growth and development, Distinction between Economic Growth and Economic Development.	AKR	3	TUTORIAL EH-2 NS-2 AKR-1
	Unbalanced growth Theoris	NS	5	
	Population and Economic Development.-- The Two Way Relation.	EH	9	
Sept, 2019	Growth indicators-NNI and PCI .	AKR	4	TUTORIAL EH-2 NS-1
	Complementary Roles of Agriculture and Industry	NS	5	
	Concept and Role of Domestic Capital Formation in an Underdeveloped Country.	EH	9	
Oct, 2019	Different forms Foreign Investment -Their roles in Economic Development.	EH	2	
Nov, 2019	Concept and formulation of HDI.	AKR	2	TUTORIAL EH-2 NS-2 AKR-1
	Role of Technology in Agriculture and Industry.	NS	6	
	Role of International Institutions: IMF & World Bank in economic development of the LDCS.	EH	10	
Dec, 2019	Formulation of HDI.	AKR	3	TUTORIAL EH-1
	Foreign Investment.	NS	4	
	Gender Related Issues-Concept of GDI & instances of Gender Discrimination in the society	EH	6	
			75	15

Resources :

Books:

1. Todaro, M.P.: Economic Development in the Third World, Longman, New York.
2. Salvatore, D. and E. Dowling: Development Economics, Schaum's, McGraw Hill, New York.

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3. Agarwala, A.N. and S.P. Singh: Economics of Underdevelopment, Oxford University Press

Lesson Plan for Course: DSC-IV/GE-IV Code: ECOGCOR04T Credit:06

- **Course coordinator: Niladri Saha**

Course Outcome

After completion of this course the students will be able to understand :

- CO1: The structure of Indian economy as an underdeveloped economy with special reference to the sectoral distribution of its national income, the problem of income inequality, poverty, unemployment and population growth.
- CO2: Sector-specific trends in key indicators and their implications in post independence period.
- CO3: The use of various fiscal and monetary instruments used by the Union and State Governments and the Reserve Bank of India.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Jan 2020	Sectoral distribution of National Income and its change since inception of Planning. Structure and quality of employment in India; Government undertaken different schemes to reduce unemployment and underemployment.	EH	6	Tutorial AKR-1 NS-2 EH-2
	Occupational pattern in India-A trend analysis since 1901. Inequalities in Income distribution. Economic reforms and reduction of poverty; Poverty eradication Programmes and their effectiveness.	NS	9	
	Size and growth rate of population in India. Changes in sex composition since inception of planning.	AKR	3	
Feb 2020	Population policy and population projections for India.	EH	6	Tutorial NS-2 EH-2
	Causes for low productivity. Targeted public distribution system. New agricultural policy; Green revolution and its prospects Land reforms and its appraisal.	NS	10	
	Effects of GATT on Indian Agriculture.	AKR	3	
Mar 2020	Review of Industrial growth under planning. Role of small-scale industries and policy perspective to help them.	EH	6	Tutorial AKR-1 NS-2 EH-1
	Role of trade union and social security measures in India. Role of Indian Commercial Banks and Reserve Bank of India.	NS	9	
	Monetary Policy of the Reserve Bank of India.	AKR	3	
April 2020	Profitability of banks in India. Sources of Revenue and Expenditure of Union and State Government.	AKR	3	Tutorial AKR-1 NS-2
	Union-State Financial Relation. Centre-State Conflict on Finances.	NS	10	

	Volume and direction of India's foreign trade in the post-Liberalization period	EH	7	EH-1
May 2020				Tutorial AKR-1 NS-3 EH-2
			75	23

Resources :

Books:

1. Dutta R. and K.P.M. Sundaram: Indian Economy, S. Chand and Co. New Delhi
2. Misra S.K.V. K. Puri: Indian Economy, Himalayas Publishing Co. Mumbai.
3. Agarwal A.N: Indian Economy, Vikash Publishing Co. Delhi
4. Gupta, S.B.: Monetary Planning in India, Oxford University Press, Delhi.

Lesson Plan for Course: SEC Course-1 Code: ECOSSEC01M Credit:02

- **Course coordinator: Niladri Saha**

Course Outcome

At the end of this course students will be able to :

1. Collect data using different methods.
2. Conduct surveys .

Course planner

Sl	Course Topic	Teacher	Class -hour	Remarks*
Jul,2019	Introduction to survey methodology; Steps of the process of a survey.	EH	1	
	Being Clear about the Population of Interest, Developing a Sampling Frame.	NS	1	
Aug,2019	Examples of Large-Scale Survey Instruments, Introducing the Concepts of Validity and Reliability, Sources of Error: Sampling and Measurement, Different Theories of Measurement	EH	3	Tutorial 1
	Probability sampling; Simple Random and Systematic sampling; Stratification, Cluster and multistage sampling; Other probability designs, Sampling frames; Selection weights; Computing sampling errors, Examples of sample designs.	NS	3	Tutorial 1
Sep,2019	Mode of Data Collection: Face-to-face, Telephone, Self-administered, and Administrative records,	EH	3	Tutorial 1
	Nonresponse: Contacting sample units; Gaining the cooperation of sample units, Monitoring the progress of data collection; Response rates.	NS	3	Tutorial 1
Oct,2019	Memory search, Estimation and judgment.	EH	1	

Nov,2019	Methods of computer assisted data collection; Impact on survey errors, Web surveys, Overview of response behavior; Comprehension.	EH	3	Tutorial 1
	Post-Survey Processing; Estimation (Lepkowski) Lecture: Editing data; Coding; Imputation;	NS	3	Tutorial 1
Dec,2019	Delivery of response:Pretesting: Focus groups; Cognitive interviews; Expert review; Pretests; Pilot tests.	EH	2	
	Construction of unit weights, Variance estimation; Analysis of survey data	NS	2	
			Total: 25	Total Tutorial:6

Resources :

Books:

Readings: Groves, et al. (2009), Chapters 1 and 2

Readings: Groves, et al. (2009), Chapters 3 and 4

Readings: Groves, et al. (2009), Chapter 5, 7 & 8

Readings: Groves, et al. (2009), Chapter 6

Readings: Groves, et al. (2009), Chapter 10

Groves, Robeert et al. (2009): Survey Meethodology, 2 nd Edition. New York

Lesson Plan for Course: SEC Course-2 Code: ECOSSEC02M Credit:02

- **Course coordinator:Niladri Saha**

Course Outcome

At the end of this course students will be able to :

1. Understand Methods of Collecting Official Statistics
2. Understand Main functions of Statistical System in Indian, InstitutionalFramework.
3. Understand working of International Statistical System.

Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Jan,2020	What is Official Statistics? Methods of Collecting Official Statistics, Aims and Objectives.	EH	2	Tutorial-1
	Economic Statistics, Population Statistics, Employment Statistics, Agriculture Statistics,	NS	2	Tutorial-1
Feb,2020	Indian Statistical System: Main functions of Statistical System in Indian, Institutional Framework- Official Organizations for collecting/compiling/ publishing national/state	EH	3	Tutorial-1

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	level data on different variables.			
	Financial Statistics - Main Publications, Who collects - Periodicity and Features.	NS	3	Tutorial-1
Mar,2020	Sources of demographic data - Registration of Vital events. Rates and ratios.Measures of mortality.	EH	3	
	International Statistical System: Comparison of major macro variables - National Income/GDP.	NS	3	
Apr,2020	Selected topics from: Purchasing power parity; Indicators relating to Energy,environment, Gender, Industry	EH	3	Tutorial-1
	Measures of fertility and Reproduction.Use of demographic data for policy formulation.L-8	EH	3	Tutorial-1
May,2020	National accounts, Social Statistics and Trade.	EH	2	
	Measures of fertility and Reproduction.Use of demographic data for policy formulation.L-8	NS	2	
	Assessment: End-term Test		Total: 26Hrs	Total Tutorial:6

Resources :

Books:

1. M. R. Saluja: Indian Official Statistical Systems.
2. CSO (MOSPI) Publication: Statistical System in India.
3. United Nations publications
4. RBI: Handbook of Statistics for the Indian Economy (various years)
5. Economic Survey, Govt. of India, Ministry of Finance (various years)
6. R. Ramkumar: Technical Demography.
7. K. Srinivasan: Demographic Techniques and Applications.
8. B. D. Mishra: An Introduction to the Study of Population.