

Curriculum Planning
of
Dr. Sangeeta Roy Chowdhury

Department: Geography

Session: 2022-2023

Month	Sem/Paper	Unit Title	Sub-Topic/s	No. of Classes	Description
August	3 rd Sem. CC-7 (Practical)	Statistical Methods in Geography:	Measures of Dispersion: Range, Mean Deviation, Quartile Deviation, Standard Deviation, Coefficient of variation and Variance.	8	7 lectures and hands on practice. 1 Previous Exam. Paper Solving session and Final Sheet signature
August	5 th Sem CC-11	Transport Geography	Introduction of Transportation: Nature and Scope; Historical Development of Transport Geography; Models of Transportation; Importance of Transportation. Transport Problems: Problems of Urban and Rural Transport	2	2 lectures
August	3 rd Sem. CC-5	Climatology	Composition and structure of the atmosphere Heat budget of the earth; Latitudinal and seasonal variation of Insolation;	6	5 Classroom lectures 1 Visit to NASA's Global Climate Change website
August	3 rd Sem. CC-5	Climatology	Distribution of temperature; Inversion of Temperature,	8	7 Classroom lectures 1 Visit to NASA's Global Climate Change website
August	5 th Sem CC-12	Computer Application in Geography	Creating Geography related documents in MS-Word.	2	1 Lecture 1 Hands on Practice at Computer Lab.
September	1 st Sem CC-1 (Theory)	Basic ideas of Geomorphology	Nature and scope of Geomorphology Fundamental concepts of Geomorphology	5	4 lectures, 1 Recapitulation and Quiz session
September	3 rd Sem. CC-7	Statistical Methods in Geography:	Rank Co-relation (Spearman's Method) and Product Moment Co-relation (Pearson's Method)	3	3 lectures and hands on practice. 1 Final Sheet signature
September	1 st Sem CC-2 (Practical)	Presentation of Data Using Different Cartographic Techniques:	iii. Choropleth iv. Pyramid Diagram	8	3 lectures and hands on practice. 4 Practice Session 1 Previous Exam. Paper Solving session and Final Sheet signature
September	3 rd Sem. GE1	Disaster Risk Reduction	Disaster; Hazards, Risk, Vulnerability and Disasters	2	1 Lecture 1 Video Show
September	1 st Sem	Concept of earth's Movement	Types of Folds and Faults,	10	8 Lectures with PPT

	CC-1 (Theory)		Earth quake, Mountain Building Theories of Holmes and Kober		1 drawing practice of fold and fault types 1 Question- Answer Discussion
September	3 rd Sem. CC-7	Statistical Methods in Geography:	Rank Co-relation (Spearman's Method) and Product Moment Co-relation (Pearson's Method)	4	3 lectures and hands on practice. 1 Final Sheet signature
September	5 th Sem CC-11	Transport Geography	Traffic Flow Analysis: Traffic of the Networks; Traffic Flow Characteristics; Parameters of Traffic Flow	4	2 lectures 1 drawing practice of planar and non-planar graphs 1 Question- Answer Discussion
September	5 th Sem CC-12 (Practical)	Computer Application in Geography	Data representation (Bar, pie and Line) by MS-Excel	3	3 Hands on Practice at Computer Lab.
November	3 rd Sem. CC-7	Statistical Methods in Geography:	Simple Bi-variate Analysis: Fitting of Regression Trend Line by least square method; Residual Mapping	7	6 lectures and hands on practice. 1 Final Sheet signature
November	1 st Sem CC-2 (Practical)	Presentation of Data Using Different Cartographic Techniques:	i. Dots and Spheres ii. Proportional Pie Diagrams	6	4 lectures and hands on practice. 2 Previous Exam. Paper Solving session and Final Sheet signature
November	3 rd Sem. GE1	Disaster Risk Reduction	Disasters in India: (a) Causes Impact, Distribution: Flood and Drought.	3	2 lectures 1 Q/A Discussion
November	3 rd Sem. CC-5	Climatology	Greenhouse gases and global warming	3	1 Lecture 1 Quiz Session 1 Obj. question Solving session
November	3 rd Sem. CC-7 (Practical)	Statistical Methods in Geography	Measures of Inequalities: Lorenz Curve and Gini's Co-efficient	6	2 Lecture and Hands on practice 4 Hands on Practice Session
November	5 th Sem CC-11	Transport Geography	Transport Problems: Problems of Urban and Rural Transport	1	1 lecture with PPT
November	5 th Sem CC-12 (Practical)	Computer Application in Geography	E – resources in Geography	1	1 Lecture
December	5 th Sem DSE- Group A: 1	Urban Geography	Primate City, CBD, Rank Size Rule, Metropolis, Megalopolis, Ecumenopolis, Metropolitan Regions, Satellite Town	3	3 Lectures with PPT
December	1 st Sem	-	-	-	Exam Preparation and doubt clearing session
December	3 rd Sem	-	-	-	Exam Preparation and doubt clearing session

December	5 th Sem	-	-	-	Exam Preparation and doubt clearing session
January	2 nd Sem CC-3	Population	Population Growth, Distribution and Age-Sex Composition	2	2 Lectures with PPT
January	4 th Sem CC-9	Economic Geography	Economic Activities: Concept and classification, different sectors of economy	2	2 Lectures with PPT
January	2 nd Sem CC-4 (Practical)	Descriptive Statistics	Sources of Data: Primary and Secondary ii. Variables: Discrete and Continuous; Parametric and Non-parametric, Scales of measurement, iv. Tabulation, Classification and Presentation of Data	5	4 Lectures 1 Q/A discussion
January	4 th Sem (Prog.) SEC-2	Global Positioning System (GPS)	Principles and Uses	1	1 Lecture
January	6 th Sem CC-14	Field Report	Analysis of data collected	2	2 Classroom engagement
February	4 th Sem CC-9	Economic Geography	Von Thunen's theory	2	2 Lectures with PPT
February	6 th Sem CC-13	Regional Geography of India	Structure, relief of India	2	2 Lectures with PPT
February	2 nd Sem CC-3	Population	Demographic Transition Theory	2	2 Lectures with PPT
February	2 nd Sem CC-4 (Practical)	Applied Statistics	Frequency Distribution: Histogram, Frequency Polygon, Frequency Curve, Ogives	6	5 lectures with Hands on Practice Session 1 Final Sheet Signature
February	4 th Sem (Prog.) SEC-2	Global Positioning System (GPS)	Recording of Points with GPS	2	2 Hands on Practice Session
February	6 th Sem CC-14	Field Report	Analysis of data collected	2	2 Classroom engagement
March	2 nd Sem CC-3	Population	Population-Resource relationship	2	2 Lectures with PPT
March	6 th Sem CC-13	Regional Geography of India	Climate of India	2	2 Lectures with PPT
March	4 th Sem CC-9	Economic Geography	Weber's theory of Profit-maximization A. Losch's theory	2	2 Lectures with PPT
March	6 th Sem CC-14	Field Report	Creating Maps	3	3 laboratory engagement
April	2 nd Sem CC-4 (Practical)	Applied Statistics	Measures of Central Tendencies and Partition Values	4	3 lectures with Hands on Practice Session

					1 Final Sheet Signature
April	4 th Sem CC-10 (Practical)	Surveying	Concept of Surveying. Prismatic Compass Survey (open and closed traverse; measurement of included angles). with at least one change point adopting either	4	1 Lecture 2 Hands on Practice Session 1 Final Sheet Signature
April	6 th Sem CC-13	Regional Geography of India	Agricultural and Industrial Regionalization of India	2	2 Lectures with PPT
April	6 th Sem CC-14	Field Report	Preparing Write Up	4	4 Classroom engagement
May	4 th Sem CC-10 (Practical)	Surveying	Preparation of a contour plan by Dumpy level	4	1 Lecture 2 Hands on Practice Session 1 Final Sheet Signature
May	6 th Sem CC-13	Regional Geography of India	Soil, vegetation of India Social regions of India	3	3 Lectures with PPT
May	6 th Sem DSE-4	Hydrology	Hydrological Cycle and Components. Systems approach in hydrology, human impact on	4	4 Lectures with PPT
May	6 th Sem CC-14	Field Report	Final Report Preparation	2	2 Classroom engagement
June	6 th Sem DSE-4	Hydrology	River Basin and Problems of Regional Hydrology	1	1 Lecture
June	6 th Sem CC-14	Field Report	Final Report Preparation	2	2 Classroom engagement and final sheet signature
June	2 nd Sem	-	-	-	Exam Preparation and doubt clearing session
June	4 th Sem	-	-	-	Exam Preparation and doubt clearing session
June	6 th Sem	-	-	-	Exam Preparation and doubt clearing session

Signature of the Teacher