

DEPARTMENT OF GEOGRAPHY

CHANDIDAS MAHAVIDYALAYA

ESTD. - 1972. A Govt. Aided General Degree College
Affiliated to The University of Burdwan. UGC
Accredited under section 2(f) & 12(B)[1979]. NAAC Re-
Accredited in 2016.



Khujutipara,
Birbhum
West Bengal,
India - 731215

Ref. No.....

Date.....

Course Module Geography (3 Year/4Year)

Under Curriculum and Credit Framework for Undergraduate Programmes (CCFUP) as per NEP, 2020

Starting Session: 2023 – 2024

SEMESTER I

GEOGRAPHY (MAJOR & MINOR)

COURSE 1: GEOG 1011: GEOTECTONICS AND GEOMORPHOLOGY 4 Credits

Sl. No.	Unit Name /Topic Name	No. Of Class (1 class = 1 Hour)
Unit 1: Concepts in Geotectonic		30
1	Earth's crust and interior: Internal structure with seismological evidences	5
2	Theories of Isostasy: Airy & Pratt	4
3	Continental Drift: Evidences, criticism and importance	5
4	Sea floor spreading: Process, evidences (Palaeomagnetism)	5
5	Plate Tectonics: Mechanism of movements, vulcanism, genesis of earthquake and Mountain building	6
6	Folds and Faults: Origin and classification	5
Unit 2: Fundamentals of Geomorphology		30
1	Fundamental Principles of Geomorphology	4
2	Denudational processes and resultant landforms : Weathering and Mass movement	5
3	Theories of landscape evolution: Davis, Penck, and Hack	6
4	Slope development: Theories of King and Wood	4
5	Processes and landforms: Fluvial and Coastal	6
6	Drainage development on Uniclinal and folded structure	5



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Deptt. of Geography
Chandidas Mahavidyalaya
Khujutipara, Birbhum

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SEMESTER I

GEOGRAPHY (MAJOR) SKILL ENHANCEMENT COURSE (SEC)
CODE: GEOG 1051: COMPUTER BASICS AND COMPUTER APPLICATIONS 3 Credits

Sl. No.	Unit Name /Topic Name	No. Of Class (1 class = 1 Hour)
1	Numbering Systems; Binary Arithmetic	10
2	Data Computation, Storing and Formatting in Spreadsheets:	25
3	Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Covariance and regression; Selection of technique and interpretation.	25
4	Preparation of Annotated Diagrams and its interpretation: Scatter diagram and Histogram	20
5	Internet Surfing: Generation and extraction of information	10

GEOGRAPHY MULTIDISCIPLINARY COURSES (MDC)
COURSE: 1 GEOG 1031: PHYSICAL GEOGRAPHY (Theory) 3 Credits

Sl. No.	Unit Name /Topic Name	No. Of Class (1 class = 1 Hour)
1	Internal Structure of Earth	5
2	Geomorphic Processes: Weathering and Erosion	6
3	Processes and Landforms : Fluvial, Glacial and Aeolian	8
4	Composition and Structure of Atmosphere	6
5	Insolation, Heat Budget, Horizontal and Vertical Distribution of Temperature	6
6	Hydrological Cycle	4
7	Soil forming factors; Types of soil: Zonal, Azonal and Intrazonal	6
8	Classification of Natural Vegetation	4



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SEMESTER II

GEOGRAPHY (MAJOR & MINOR)

COURSE II: GEOG 2012: POPULATION AND SETTLEMENT GEOGRAPHY 4 Credits

Sl. No.	Unit Name /Topic Name	No. Of Class (1 class = 1 Hour)
	Unit 1: Population Geography	30
1	Development of Population Geography; Relation between Population Geography and Demography	4
2	Determinants of Population Dynamics: Fertility, Mortality and Migration	4
3	Measures of Fertility and Mortality	5
4	Migration: Theories, Causes and Types	5
5	Theories of population growth: Malthus and Marx; Demographic Transition Theory (Thompson and Notestein)	6
6	Population Composition (Age-Sex; Occupational Structure); Population policies (India and Sweden)	6
	Unit 2: Settlement Geography	30
1	Development of Settlement Geography	4
2	Characteristics of Rural Settlement: Site, Situation, types and Pattern	5
3	Morphology of rural Settlements	6
4	Urban Settlements: Census Definition, Urban Agglomeration; Urban sprawl, Rural-urban Continuum, Rurban and Periurban	4
5	Urban Morphology: Classical Models of Burgess, Hoyt, Harris and Ullman	6
6	Central place theory and Hierarchy of settlements; Urban primacy	5



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SEMESTER II

GEOGRAPHY (MAJOR) SKILL ENHANCEMENT COURSE (SEC) COURSE: 2 GEOG 2052: FIELD SURVEY TECHNIQUES (Theory) 3 Credits

Sl. No.	Unit Name /Topic Name	No. Of Class (1 class = 1 Hour)
1	Fieldwork in Geographical studies – Role and significance, Selection of study area and objectives, Pre-field preparations, Ethics of fieldwork	10
2	Preparation of Survey Schedule and Questionnaires (open, closed, structured, non-structured)	8
3	Interview with special reference to focused group discussions	7
4	Field techniques and tools: Landscape survey using transects and quadrants, constructing a sketch, photo and video recording	10
5	Collection of samples. Preparation of inventory from field data. Post-field tasks	10

GEOGRAPHY MULTIDISCIPLINARY COURSES (MDC) COURSE: 2 CODE: GEOG 2032: HUMAN GEOGRAPHY (Theory) 3 Credits

Sl. No.	Unit Name /Topic Name	No. Of Class (1 class = 1 Hour)
1	Internal Structure of Earth	5
2	Geomorphic Processes: Weathering and Erosion	6
3	Processes and Landforms : Fluvial, Glacial and Aeolian	8
4	Composition and Structure of Atmosphere	6
5	Insolation, Heat Budget, Horizontal and Vertical Distribution of Temperature	6
6	Hydrological Cycle	4
7	Soil forming factors; Types of soil: Zonal, Azonal and Intrazonal	6
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