

Domkal Girls' College

LESSON PLAN

Department		Geography					
Class		Undergraduate Programmes in Geography (2023-2024) NEP					
Name of the Teacher	Course Code	Course Title	Sub-units	Class Hour	Total No. of Lectu	Teaching Aids Used	Remarks (if any)
Daisy Nargis	Major (GEOG-M-T-1)	GEOTE CTONICS AND GEOM ORPHO LOGY	1. Earth's tectonic and structural evolution with reference to geological time scale	5	72	White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG-M-T-1)		2. Earth's crust and interior: Internal structure with reference to seismological evidences	5		White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG-M-T-1)		3. Theories of Isostasy: Airy and Pratt	5		White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG-M-T-1)		4. Continental drift theory: Evidences and criticism; Concept of Sea Floor Spreading and Palaeomagnetism	5		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG-M-T-1)		5. Plate Tectonics: Mechanism and resultant landforms; Earthquakes and Volcanicity	8		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG-M-T-1)		6. Folds and Faults: Origin and classification	5		White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG-M-T-1)		1. Fundamental principles of Geomorphology	5		White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG-M-T-1)		2. Degradation processes: Weathering, Mass wasting and resultant landforms	6		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG-M-T-1)		3. Theories of landscape evolution: Davis, Penck and Hack	6		White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG-M-T-1)		4. Slope development: Theories of King and Wood	5		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG-M-T-1)		5. Development of river network and landforms on uniclinal and folded structures	5		White Board , Marker Pen, Model	
Daisy Nargis & Nabin Mandal	Major (GEOG-M-T-1)		Processes and landforms: Fluvial, Glacial, Aeolian and Coastal	12		White Board , Marker Pen, Model	

Nabin Mandal	SEC (GEOG-SI)	Basics of Computer and Computer Applications	1. Basics of computer and its operation 2. Numbering Systems - Binary Arithmetic, 3. Preparation of Annotated diagrams and its interpretation: Line graph, Bar and Pie diagrams, Histogram and Scatter diagrams, 4. Data Computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation Coefficient of Variation	36	36	computer, internet, printer, electricity.	
Daisy Nargis	Minor (GEOG-MI-T-1)	PHYSICAL GEOGRAPHY	1. Internal structure of the earth, 2. Continental drift theory: Mechanism, evidences and criticisms	6	48	Map, model, white board, marker pen	
Nabin Mandal	Minor (GEOG-MI-T-1)		3. Plate tectonics: Mechanism and resultant landforms, 4. Geomorphic process: Weathering	6		Map, model, white board, marker pen	
Daisy Nargis & Nabin Mandal	Minor (GEOG-MI-T-1)		5. Processes and landforms: Fluvial, Glacial, Aeolian and Coastal	12		Map, model, white board, marker pen	
Daisy Nargis	Minor (GEOG-MI-T-1)		6. Composition and structure of the atmosphere, 7. Insolation, Heat budget, Horizontal and vertical distribution of temperature	10		Map, model, white board, marker pen	
Daisy Nargis	Minor (GEOG-MI-T-1)		8. Hydrological cycle, 9. Definition of soil, concept of soil profile and soil forming factors;	6		Map, model, white board, marker pen	
Nabin Mandal	Minor (GEOG-MI-T-1)		10. Types of soil: Zonal, Azonal and Intrazonal, 11. Concept of ecology and ecosystem; Biome: Tropical rain forest and Taiga	8		Map, model, white board, marker pen	
Daisy Nargis	Major (GEOG-M-T-2)	POPULATION AND SETTLEMENT GEOGRAPHY	Development of Population Geography; Relation between Population Geography and Demography	5	72	Map, model, white board, marker pen	
Nabin Mandal	Major (GEOG-M-T-2)		2. Determinants of Population Dynamics: Fertility, Mortality and Migration	10		Map, model, white board, marker pen	
Nabin Mandal	Major (GEOG-M-T-2)		3. Population Composition (Age-Sex and Occupational Structure)	5		Map, model, white board, marker pen	
Daisy Nargis	Major (GEOG-M-T-2)		4. Theories of population growth: Malthus and Marx;	5		Map, model, white board, marker pen	
Daisy Nargis	Major (GEOG-M-T-2)		5. Demographic Transition Theory (Thompson and Notestein)	5		White Board, Marker Pen, world map.	
Daisy Nargis	Major (GEOG-M-T-2)		6. Migration: types, causes and theories	7		White Board, Marker Pen, Model, world map, indian map	
Nabin Mandal	Major (GEOG-M-T-2)		Population Policies (India and Sweden)	3		White Board, Marker Pen, Model, world map, indian map	

Daisy Nargis	Major (GEOG-M-T-2)		1. Development of Settlement Geography 2. Rural settlement: Site, situation, types and pattern 3. Morphology of rural settlements: layout-internal and external Theory and hierarchy of settlements	15		White Board, Marker Pen, Model, world map, indian map	
Nabin Mandal	Major (GEOG-M-T-2)		4. Urban settlements: Census definition, Urban agglomeration; Urban sprawl, Rural-urban continuum, Rural and Periurban 5. Urban morphology: Classical Models of Burgess, Hoyt, Harris and Ullman 6. Central Place	17		White Board, Marker Pen, Model, world map, indian map	
Nabin Mandal	SEC (GEOG-S)	COMPUTER BASICS AND COMPUTER APPLICATION	Students are required to carry out a comprehensive field work in a village/mouza/town/C.D. Block/ drainage basin selecting a particular research problem. There should be a clear-cut title, problem statement, objectives, methodology and major findings. The text of the report should not exceed 5000 words and 15-20 pages of illustrations (A4 Pages). The diagrams and illustrations should be prepared in computer using the standard format	36	36	computer, internet, printer, electricity.	
Nabin Mandal	Multidisciplinary Course (GEOG-MU-T-1)	DISASTER MANAGEMENT	1. Definition and Concepts: Hazards, Disasters; Risk and Vulnerability; Classification of hazards 2. Flood, drought, landslide: causes, impact and distribution in India 3. Earthquake: causes, effects and seismic zones of India; Tsunami: causes and effects 4. Tropical Cyclone: structure, formation and impact with reference to India	24	36	White Board, Marker Pen, Model, world map, indian map	
Deisy Nargis	Multidisciplinary Course (GEOG-MU-T-1)	DISASTER MANAGEMENT	5. Manmade disasters in India: soil erosion and accidental release of toxic chemicals – causes and impact 6. Disasters - response and mitigation measures: Institutional set up - NDMA and NIDM; Indigenous knowledge and community-based Disaster Management; Do's and Don'ts during and post disasters	12		White Board, Marker Pen, Model, world map, indian map	
Daisy Nargis	Minor (GEOG-N)	HUMAN GEOGRAPHY	1. Distribution and growth of population in India 2. Demographic Transition Theory 3. Migration: Concept, types and causes 4. Economic activities: Primary, Secondary and Tertiary 5. Types and patterns of rural settlements	24	48	White Board, Marker Pen, Model, world map, indian map	
Nabin Mandal	Minor (GEOG-N)	HUMAN GEOGRAPHY	6. Urban settlement: Census definition and characteristics 7. Functional classification of towns 8. Major ethnic groups in India: Santhal, Gond, Toda and Khasi 9. Concept of culture, Cultural hearths and Cultural diffusion Human Development Index	24		White Board, Marker Pen, Model, world map, indian map	

Deisy Nargis	Multidisciplinary Course (GEOG-MU-T-2)	RURAL DEVELOPMENT	1. Concept and scope of rural development; Need for Rural Development; Gandhian Approach of Rural Development; Inter-Dependence of Urban and Rural Sectors of the Economy 2. Rural Economic Base: Panchayatiraj System, Agriculture and allied activities, Seasonal nature of Indian agriculture; need for expanding non-farm activities; Role of Co-operatives; PURA 3. Area based approach to rural development: Drought Prone Area Programmes, PMGSY.	18	36	White Board, Marker Pen, indian map	
Nabin Mandal	Multidisciplinary Course (GEOG-MU-T-2)	RURAL DEVELOPMENT	4. Target Group Approach to rural development	18		White Board, Marker Pen, Map,	


PRINCIPAL
 Domkal Girls' College
 Domkal, Murshidabad

Nabin Mandal
 19/02/2024
 Head of the Department
 Geography
 Domkal Girls' College