

Domkal Girls' College

LESSON PLAN

Department							
Geography							
Class							
B. A Programme course (2019-2020)							
Name of the Teacher	Course Code	Course Title	Sub-units	Class Hour	Total No. of Lectures	Teaching Aids Used	Remarks (if any)
Daisy Nargis	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Lithosphere- Internal structure of Earth based on Seismic Evidence	6	60	White Board , Marker Pen, Model	
Daisy Nargis	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Weathering: Types and related Landforms	6		White Board , Marker Pen, Model	
Daisy Nargis	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Plate Tectonics and its Associated Landforms	4		White Board , Marker Pen, Model	
Nabin Mandal	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Landform Development in Arid Regions	8		White Board , Marker Pen, Model	
Nabin Mandal	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Landform Development in Glaciated Regions	8		White Board , Marker Pen, Model	
Nabin Mandal	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Development of Fluvial Landforms	8		White Board , Marker Pen, Model	
Nabin Mandal	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Fluvial cycle of Erosion- Davis and Penck	8		White Board , Marker Pen, Model	
Nabin Mandal	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Hydrosphere : Hydrological Cycle	2		White Board , Marker Pen, Model	
Daisy Nargis	GEO/G/CC/T/01	GEOTECTONICS AND GEOMORPHOLOGY	Ocean Bottom Relief Features Tides and Ocean Currents	10		White Board , Marker Pen, Model	
Daisy Nargis	GEO/G/CC/P/01	SCALE	Map Scale: Types and Application, Linear and Comparative scale	20	60	SCALE, CALCULATOR, MAP, GRAPH PAPER	
Nabin Mandal	GEO/G/CC/P/01	CARTOGRAPHY	Representation of Data: Dot, Proportional Circles, Choropleth, Flow Diagram	30		SCALE, CALCULATOR, MAP, GRAPH PAPER	
Daisy Nargis	GEO/G/CC/P/01	CARTOGRAPHY	Taylor's Climograph and Hythergraph	10		SCALE, CALCULATOR, MAP, GRAPH PAPER	
Daisy Nargis	GEO/G/CC/T/02	CLIMATOLOGY	Elements of weather and Climate; Thermal and Chemical Composition and Layering of the Atmosphere.	7		Map, model, white board, marker pen	
Daisy Nargis	GEO/G/CC/T/02	CLIMATOLOGY	Heat Balance, Pressure Belt, and Planetary Wind Circulation System.	10		Map, model, white board, marker pen	
Daisy Nargis	GEO/G/CC/T/02	CLIMATOLOGY	Forms of Precipitation and Types of Rainfall.	3		Map, model, white board, marker pen	
Daisy Nargis	GEO/G/CC/T/02	CLIMATOLOGY	Tropical and Temperate Cyclones.	6		Map, model, white board, marker pen	
Daisy Nargis	GEO/G/CC/T/02	CLIMATOLOGY	Climatic Classification.	4		Map, model, white board, marker pen	

Nabin Mandal	GEO/G/CC/T/02	SOIL GEOGRAPHY	Definition of Soil	2	60	Map, model, white board, marker pen	
Nabin Mandal	GEO/G/CC/T/02	SOIL GEOGRAPHY	Physical and Chemical Properties of Soil (Soil Texture, Colour and pH).	10		Map, model, white board, marker pen	
Nabin Mandal	GEO/G/CC/T/02	SOIL GEOGRAPHY	Soil Forming Factors.	3		Map, model, white board, marker pen	
Nabin Mandal	GEO/G/CC/T/02	SOIL GEOGRAPHY	Soil Formation (Podzol and Laterite).	5		Map, model, white board, marker pen	
Nabin Mandal	GEO/G/CC/T/02	BIOGEOGRAPHY	Definition of Biosphere and Biogeography;	2		Map, model, white board, marker pen	
Nabin Mandal	GEO/G/CC/T/02	BIOGEOGRAPHY	Meaning of Ecology, Ecosystem, Environment, Ecotone, Communities, Habitats, and Biotopes.	3		Map, model, white board, marker pen	
Nabin Mandal	GEO/G/CC/T/02	BIOGEOGRAPHY	Environmental Problems and Management: Air pollution, Bio-diversity loss, Solid and Liquid Waste.	5	60	Map, model, white board, marker pen	
Deisy Nargis	GEO/G/CC/P/02	SURVEYING AND LEVELLING	Definition and Classification of Surveying, Open and Closed Traversing by Prismatic Compass	30		Prismatic compass, tripod, pin, tape, ranging rod	
Nabin Mandal	GEO/G/CC/P/02	SURVEYING AND LEVELLING	Drawing of Longitudinal Profile by Dumpy Level.	30		Dumpy level, tripod, pin, tape, ranging rod.	
Deisy Nargis	GEO/G/CC/T/03	HUMAN GEOGRAPHY	Definition, Nature, Major Subfields, Contemporary Relevance	5	60	White Board , Marker Pen, world map.	
Deisy Nargis	GEO/G/CC/T/03	HUMAN GEOGRAPHY	Space and Society: Cultural Regions, Race, Religion, and Language	20		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/CC/T/03	HUMAN GEOGRAPHY	1. Population: Population Growth and Demographic Transition Theory 2. Types of Population Migration with reference to India 3. World Population Distribution and Composition (Age, Gender and Literacy)	20		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/CC/T/03	HUMAN GEOGRAPHY	1. Settlements: Types and Patterns of Rural Settlements 2. Classification of Urban Settlements 3. Functional Classification of Towns	15		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/CC/P/03	MAP PROJECTION	Simple Conical Projection with One Standard Parallel, Cylindrical Equal Area Projection	20	60	White Board , Marker Pen, Model, world map.	
Deisy Nargis	GEO/G/CC/P/03	MAP INTERPRETATION	Interpretation of Topographical Maps: Relation between Physiography, Drainage and Settlement, Interpretation of Weather Maps(Pre-Monsoon, Monsoon and Post Monsoon)	40		Toposheet, Weather map, White board, marker pen.	

Nabin Mandal	GEO/G/SEC/P/01/A	COMPUTER BASICS AND COMPUTER APPLICATION	Numbering Systems; Binary Arithmetic, Data computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Coefficient of Variation, Regression, Preparation of Annotated Diagrams and its Interpretation: Scatter Diagram and Histogram and Internet Surfing: Generation and Extraction of Information	60	60	computer, internet, printer, electricity.	
Daisy Nargis	GEO/G/CC/T/04	ENVIRONMENTAL GEOGRAPHY	Concepts and approaches of Environmental Geography.	5	60	White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/G/CC/T/04	ENVIRONMENTAL GEOGRAPHY	Concept, structure and Functions of Ecosystem	10		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/CC/T/04	ENVIRONMENTAL GEOGRAPHY	Definition of Biosphere, Meaning of Ecology, Ecotone, Habitat, Community, Ecological Niche, Biotopes, and Biomes.	15		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/G/CC/T/04	ENVIRONMENTAL GEOGRAPHY	Environmental problems and Management: Air and Water pollution. Environmental Programmes and Policies: MAB.	20		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/CC/T/04	ENVIRONMENTAL GEOGRAPHY	Wetlands: Ramsar sites in India. Human-Environment relationship in Mountain and Coastal regions.	10		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/CC/P/03	Field Work	Preparation of Survey Schedule or Questionnaire for Air Pollution and Health Perception Survey.	25	60	White Board , Marker Pen, Model,	
Daisy Nargis	GEO/G/CC/P/04	Field Work	Mapping of Wetlands from Topographical Sheet. Mapping of Forest from Topographical Sheet	35		Toposheet, White board, marker pen.	
Nabin Mandal	GEO/G/SEC/P/02/B	Field Work	Field Work Project	60	60	White Board , Marker Pen, Questionnaire, Schedule.	

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Department Geography							
Class B. A Honours course (2019-2020)							
Name of the Teacher	Course Code	Course Title	Sub-units	Class Hour	Total No. of Lectures	Teaching Aids Used	Remarks (if any)
Daisy Nargis	GEO/H/GE/T/01/A	DISASTER MANAGEMENT	DEFINITION AND CONCEPTS: HAZARDS, DISASTERS, RISK AND VULNERABILITY, CLASSIFICATION OF HAZARDS	5	60	White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/H/GE/T/01/A	DISASTER MANAGEMENT	DISASTERS IN INDIA: A) FLOOD: CAUSE, IMPACT, DISTRIBUTION AND MAPPING B) LANDSLIDE: CAUSES, IMPACT, DISTRIBUTION AND MAPPING C) DROUGHT: CAUSES, IMPACT, DISTRIBUTION AND MAPPING	20		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/H/GE/T/01/A	DISASTER MANAGEMENT	DISASTERS IN INDIA: D) EARTHQUAKE AND TSUNAMI: CAUSES, IMPACT, DISTRIBUTION AND MAPPING E) CYCLONE: CAUSES, IMPACT, DISTRIBUTION AND MAPPING	15		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/H/GE/T/01/A	DISASTER MANAGEMENT	MANMADE DISASTERS: CAUSES, IMPACT, DISASTER MANAGEMENT DISTRIBUTION AND MAPPING OF SOIL EROSION AND ACCIDENTAL RELEASE OF TOXIC CHEMICALS	10		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/H/GE/T/01/A	DISASTER MANAGEMENT	a) RESPONSES AND MITIGATION TO DISASTERS: INSTITUTIONAL SET UP, NDMA AND NIDM; INDIGENOUS KNOWLEDGE AND COMMUNITY BASED DISASTER MANAGEMENT	8		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/H/GE/T/01/A	DISASTER MANAGEMENT	b) DO'S AND DON'TS DURING AND POST DISASTERS	2	60	White Board , Marker Pen,	
Nabin Mandal	GEO/H/GE/T/02/B	REGIONAL DEVELOPMENT	1) Definition of Region , Evolution, Types and Need of Regional planning: Formal, Functional and Planning Region and Regional Development. 2) Regional Imbalance and Problems of Functional Region.	15		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/H/GE/T/02/B	REGIONAL DEVELOPMENT	3) Choice of a Region for Planning: Characteristics of an Ideal planning Region, Delimitation of Planning Region, Regionalization of India for Planning(Agro-Ecological Zones).	15		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/H/GE/T/02/B	REGIONAL DEVELOPMENT	4) Strategies/ Models for Regional Planning , Growth Pole Model of Perroux, Growth Centre Model in Indian Context , Village Cluster.	10		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/H/GE/T/02/B	REGIONAL DEVELOPMENT	5) Problem Regions and Regional Planning, Backward Regions and Regional Plans- special Area Development Plans in India, DVC – The Success story and the Failures.	15		White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/H/GE/T/02/B	REGIONAL DEVELOPMENT	6) Concept of Human Development and HDI	5		White Board , Marker Pen, Model, world map, indian	

23/07/2020
Teacher-in-Charge
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Nabin Mandal
23/07/2020
Head of the Department
Geography
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