

Domkal Girls' College

LESSON PLAN

Department							
Geography							
Class							
B. A Programme course (2020-2021)							
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	60	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		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		Map, model, white board, marker pen	
Daisy Nargis	GEO/G/CC/P/02	SURVEYING AND LEVELLING	Definition and Classification of Surveying, Open and Closed Traversing by Prismatic Compass	30	60	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.	
Daisy Nargis	GEO/G/CC/T/03	HUMAN GEOGRAPHY	Definition, Nature, Major Subfields, Contemporary Relevance	5		White Board , Marker Pen, world map.	
Daisy 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	60	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		White Board , Marker Pen, Model, world map.	
Daisy 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	60	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		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	60	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		White Board , Marker Pen, Model,	

Dejisy Nargis	GEO/G/CC/P/04	Field Work	Mapping of Wetlands from Topographical Sheet. Mapping of Forest from Topographical Sheet	35	60	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.	
Dejisy Nargis	GEO/G/DSE/T/01/B	ECONOMIC GEOGRAPHY	DEFINITIONS, APPROACHES AND FUNDAMENTAL CONCEPTS OF ECONOMIC GEOGRAPHY; PATTERNS OF DEVELOPMENT	5	60	White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/DSE/T/01/B	ECONOMIC GEOGRAPHY	LOCATIONAL THEORIES- AGRICULTURE (VON THUNEN) AND INDUSTRIAL (WEBER)	10		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/DSE/T/01/B	ECONOMIC GEOGRAPHY	PRIMARY ACTIVITIES – INTENSIVE SUBSISTENCE FARMING, COMMERCIAL GRAIN FARMING, PLANTATION, COMMERCIAL DAIRY FARMING, COMMERCIAL FISHING .	10		White Board , Marker Pen, Model, world map, indian map	
Dajisy Nargis	GEO/G/DSE/T/01/B	ECONOMIC GEOGRAPHY	MINING (IRON ORE, COAL AND PETROLEUM)	5		White Board , Marker Pen, Model, world map, indian map	
Dajisy Nargis	GEO/G/DSE/T/01/B	ECONOMIC GEOGRAPHY	SECONDARY ACTIVITIES – COTTON TEXTILE INDUSTRY, PETRO- CHEMICAL INDUSTRY, MAJOR MANUFACTURING REGIONS.	15		White Board , Marker Pen, Model, world map, indian map	
Nabin Mandal	GEO/G/DSE/T/01/B	ECONOMIC GEOGRAPHY	TERTIARY AND QUATERNARY ACTIVITIES – MODES OF TRANSPORTATION, PATTERNS OF INTERNATIONAL TRADE, AND INFORMATION AND COMMUNICATION TECHNOLOGY INDUSTRY	15		White Board , Marker Pen, Model, world map, indian map	
Dajisy Nargis & Nabin Mandal	GEO/G/SEC/P/03/A	FIELD TECHNIQUES AND SURVEY BASED PROJECT REPOPT	FIELD TECHNIQUES AND SURVEY BASED PROJECT REPOPT	60	60	White Board , Marker Pen, Questionnaire, Schedule.	
Dajisy Nargis	GEO/G/DSE/T/02/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/G/DSE/T/02/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	
Dajisy Nargis	GEO/G/DSE/T/02/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/G/DSE/T/02/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/G/DSE/T/02/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/G/DSE/T/02/A	DISASTER MANAGEMENT	b) DO'S AND DON'S DURING AND POST DISASTERS	2		
Nabin Mandal	GEO/G/SECT/04/B	ROCKS AND MINERALS AND THEIR MEGASCOPIC IDENTIFICATION	ROCKS AND MINERALS AND THEIR MEGASCOPIC IDENTIFICATION (BASALT, GRANITE, MICA, QUARTZ ETC)	60	60	SPECIMEN COPY OF ROCKS AND MINERALS.

Domkal Girls' College

LESSON PLAN

Department		Geography					
Class		B. A Honours course (2020-2021)					
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 map	

Domkal Girls' College

LESSON PLAN

Department		Geography					
Class		B. A Programme course (2020-2021)					
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/GE/T/02/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/G/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/G/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/G/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/G/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
Daisy Nargis	GEO/G/GE/T/01/A	DISASTER MANAGEMENT	;b) DO'S AND DON'S DURING AND POST DISASTERS	2
Nabin Mandal	GEO/G/GE/T/02	SUSTAINABLE DEVELOPMENT	1) Sustainable Development: Historical Background, Definition, Components, Limitations. 2) Sustainable Regional Development: Need and Examples from different Ecosystems.	10
Daisy Nargis	GEO/G/GE/T/02	SUSTAINABLE DEVELOPMENT	3) Inclusive Development: Education and Health. 4) Climate Change and Sustainable Development: Policies and Global cooperation	10
Nabin Mandal	GEO/G/GE/T/02	SUSTAINABLE DEVELOPMENT	5) Poverty and Disease: Human right to health, Challenges of Universal Health Coverage. 6) Sustainable Development Policies and Programmes: The proposal for SDG at Rio+ 20, Illustrative SDGs, Goal based Development.	15
Daisy Nargis	GEO/G/GE/T/02	SUSTAINABLE DEVELOPMENT	7) Sustainable Development: Financial Issues. 8) Good Governance for Sustainable development.	10

White Board , Marker Pen, Model, world map, indian map	
White Board , Marker Pen, Model, world map, indian map	
White Board , Marker Pen, Model, world map, indian map	
White Board , Marker Pen, Model, world map, indian map	
White Board , Marker Pen, Model, world map, indian map	
White Board , Marker Pen, Model, world map, indian map	

Nabin Mandal	GEO/G/GE/T /02	SUSTAI NABLE DEVEL OPMEN T	9) National Environmental Policy, Clean Development Mechanism.	10	White Board , Marker Pen, Model, world map, indian map	
Daisy Nargis	GEO/G/GE/T /02	SUSTAI NABLE DEVEL OPMEN T	10) Sustainable regional resource development and livelihood security.	5	White Board , Marker Pen, Model, world map, indian map	

Date 26/07/2021
Teacher-in-Charge
Domkal Girls' College

Bas
PRINCIPAL
Domkal Girls' College
Domkal, Murshidabad

Nabin Mandal
26/07/2021
Head of the Department
Geography
Domkal Girls' College