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Domkal	Girls' College	

			LESSON PLAN				* 1,0
Departm ent	Geograph	ny	LESSON PLAN	S	202	4-25	
Class	Undergra		grammes in Geography (2024-2025) NEP				123
Name of the Teacher	Course Code	Course Title	Sub-units	Class Hour	Total No. of Lectures	Teaching Aids Used	Remarks (if any)
Daisy Nargis	Major (GEOG- M-T-1)		Earth's tectonic and structural evolution with reference to geological time scale	5		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG- M-T-1)		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		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		Plate Tectonics: Mechanism and resultant landforms; Earthquakes and Vulcanicity	8		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG- M-T-1	GEOTE CTONIC S AND	6. Folds and Faults: Origin and classification	5		White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG M-T-1	GEOMO RPHOL OGY	Fundamental principles of Geomorphology	5	72	White Board , Marker Pen, Model	
Daisy Nargis	Major (GEOG M-T-1		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		Slope development: Theories of King and Wood	5		White Board , Marker Pen, Model	
Nabin Mandal	Major (GEOG- M-T-1		Development of river network and landforms on uniclinal and folded structures	5		White Board , Marker Pen, Mode	1
Daisy Nargis & Nabin Mandal	1 1 1 - 1		Processes and landforms: Fluvial, Glacial, Aeolian and Coastal	12		White Board , Marker Pen, Mode	1
Nabin Mandal	SEC (G	Basics of Compute r and Compute r Applicati	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, Regression, 5. Internet Surfing: Generation and Extraction of Information	f 5, n 36		computer, internet printer, electricity.	

The fact	YIBOTE	20 11				
Daisy Nargis	Minor (GEOG- MI-T-		Internal structure of the earth, 2. Continental drift theory: Mechanism, evidences and criticisms	6		Map, model, white board, marker pen
Nabin Mandal	1) Minor (GEOG- MI-T-	PHYSIC AL GEOGR APHY	3. Plate tectonics: Mechanism and resultant landforms, 4. Geomorphic process: Weathering	6		Map, model, white board, marker pen
Daisy Nargis & Nabin			5. Processes and landforms: Fluvial, Glacial, Acolian and Coastal	12	48	Map, model, white board, marker pen
Mandal  Daisy Nargis	Minor (GEOG MI-T-		<ol> <li>Composition and structure of the atmosphere, 7.</li> <li>Insolation, Heat budget, Horizontal and vertical distribution of temperature</li> </ol>	10		Map, model, white board, marker pen
Daisy Nargis	1) Minor (GEOG MI-T-		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-		<ol> <li>Types of soil: Zonal, Azonal and</li> <li>Intrazonal, 11. Concept of ecology and ecosystem;</li> <li>Biome: Tropical rain forest and Taiga</li> </ol>	8		Map, model, white board, marker pen
Daisy Nargis	Major (GEOG M-T-2)	-	Development of Population Geography; Relation between Population Geography and Demography	5		Map, model, white board, marker pen
Nabin Mandal	Major (GEOG M-T-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		POPULA TION	5. Demographic Transition Theory (Thompson and Notestein)	5	72	White Board , Marker Pen, world map.
Daisy Nargis	Major (GEOG	SETTLE MENT	6. Migration: types, causes and theories	7	,-	White Board , Marker Pen, Model, world map, indian map
Nabin Mandal	Major (GEOG-		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	15		White Board , Marker Pen, Model, world map, indian map
Nabin Mandal	Major (GEOG- M-T-2)		Theory and hierarchy of settlements  4.Urban settlements: Census definition, Urban agglomeration; Urban sprawl, Rural-urban continuum, Rurban 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 Manda		COM TER BASIO OG AND -P- COM TER APPL ATIO	work in a village/mouza/town/C.D. Block/ drainage basing 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 Manda	" (GEO		3.Earthquake: causes, effects and seismic zones of India: Tsunami: causes and effects	24	36	White Board , Marker Pen, Model, world map, indian map
Deisy Nargis	Mult scipli ry Cour (GEC MU-	ina DISAS se ER DG-MANA	5. Manmade disasters in India: soil crosion and accidental release of toxic chemicals – causes and impact6. Disasters - response and mitigation measures: Institutional set up - NDMA and NIDM; Indigenous knowledge and community-based Disaster Management;	12		White Board , Marker Pen, Model, world map, indian map
Daisy Nargis	Mino	G HUMA	4.Economic activities: Primary, Secondary and Tertiary 5.Types and patterns of rural settlements	24		White Board , Marker Pen, Model, world map, indian map
Nabin Mandal	1	G HUMA		24		White Board , Marker Pen, Model, world map, indian map
Deisy Nargis	Multid sciplin ry Course (GEOC MU-T- 2)	RURAI DEVEL OPMEN	A griculture and allied activities. Seasonal nature of Indian	18	1	White Board , Marker Pen, indian map
landal	Multidi sciplina ry Course (GEOG MU-T- 2)	RURAL	4. Target Group Approach to rural development: SGSY, MO	18		White Board , Marker Pen, Map,
Daisy /	Major (GEOG- M-T-3)	SENSING,	2. Remote sensing platforms, satellites and sensors 3. Sensor resolutions and their applications with reference 4. Concept of FCC; Principles of image interpretation (vist 5. Aerial Photographs: types, geometry and photo interpret 6. Applications of remote sensing in managing agriculture, water and forest resources; Monitoring urban growth and environmental degradation	36		computer, internet, printer, electricity, White Board, Marker, Pen.
		FUNDAM ENTALS OF	Definition, components and applications of GIS  2. GIS data structures types: spatial and non-spatial, raster and vector			computer, internet,

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1 1 1	1	NSING, IS AND GNSS	Principles of preparing attribute tables, data manipulation and overlay analysis     Principles and significance of buffer preparation     Basic concept of GPS . Principles of GNSS positioning and waypoint collection;	36		White Board, Marker, Pen.
Vabin (	SEC	APPLIC ATIONS OF REMOT	Acquisition procedure of free geospatial data from NRSC /Bhoonidhi and USGS  Georeferencing of maps and images; Digitisation of features: Point, Line and Polygon  Data attachment and preparation of thematic map (bargraph, pie-chart and choropleth); Overlay analysis  Preparation of FCC using IRS LISS-III/IV and/or LANDSAT (ETM+) data; Image enhancement  Preparation of LULC map by Supervised Image Classification (Maximum Likelihood) using IRS LISS-III/IV or LANDSAT (ETM+) data	36	36	Sattile image, Air photo, computer, internet, printer, electricity, White Board, Marker, Pen.
Daisy Nargis	Minor (GEOG MI-T- 2)	HUMAN GEOGR APHY	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		White Board , Marker Pen, Model, world map, indian map
Nabin Mandal	Minor (GEOC MI-T- 2)	GEOGR APHY	6.Urban settlement: Census definition and characteristics 7.Functional classification of towns 8 Major ethnic groups in India: Santhal, Gond, Toda	24	48	White Board , Marker Pen, Model, world map, indian map
			Temperature: Horizontal and vertical distribution; Heat budget of the atmosphere; Inversion of temperature: types and causes			White Board , Marker Pen, Model, world map, indian map
Daisy Nargis	IGEO	CLIMAT LOGY S-SOIL AN BIOGEO RAPH	types  4. Monsoon Circulation and Mechanism with reference to India  5. Condensation: Processes and forms; Mechanism of precipitation: Bergeron-Findeisen Theory, Collision and coalescence; Forms of precipitation  6. Concept of climate change; Climatic Classification after Köppen and Thornthwaite (1931 and 1948)	36	72	White Board , Marker Pen, Model, world map, indian
Nabi Mand	n (GEC lal M-T	or LOG	ecotone, community; Energy flow in ecosystems  G. Geographical extent and characteristic features of	36		map
	MA	GRAI	O 1. Construction of Scales: Linear, Comparative,			White Board ,

Nargis	(GEOG M-P-5)	AND	sex Pyramid Diagram, Pie Diagram  4. Preparation and Interpretation of Climograph, Taylor Hythergraph and Ergograph	36	72	world map, indian map, Scale	
Nabin Mandal	MAJO R (GEOG M-P-5)	OUES		36	72	White Board , Marker Pen, Model, world map, indian map, Scale	
Daisy Nargis	Minor (GEOG MI-T- 2)	HUMAN GEOGR APHY	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		White Board, Marker Pen, Model, world map, indian map	
Nabin Mandal	Minor (GEOG- MI-T- 2)	HUMAN GEOGR APHY	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	48	White Board , Marker Pen, Model, world map, indian map	
Vabin ∕∕andal	Course (GEOG-	DISAST ER MANAG EMENT	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	
D <b>a</b> isy Jargis	Course (GEOG-)	DISAST ER MANAG	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	

PRINCIPAL PAL Domkal, Murshidabad

Mandal
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10/12/2024
Head of the Department
Geography
Domkal Girls' College