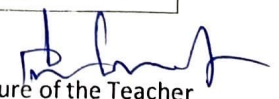


Lesson Plan

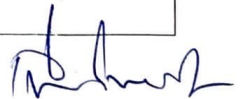
Name of the Assistant/ Associate Professor: Nameen Nirmal
 Class and Section: BA - I st Sem Session: 2023-24
 Subject: Geography of India

Month	Topic
July August	1.) Physiographic regions of india 2.) climate of india, factors influencing climate of india. Monsoon. 3.) Soil Type of india, major soil groups their distribution and need for conservation
September	4.) Distribution of metallic & non-metallic minerals : iron and mica & Bauxite in india 5.) Power and Energy Resources, Coal, Hydro and Petroleum. 6.) Non conventional resources.
October	7.) indian agriculture & green revolution, production and distribution of wheat, sugarcane, Rice & tea. 8.) industries: cotton textile, iron & steel, sugar, industrial regions in india 9.) Modes of transport & communication.
November	Maps related to india :- Political: states Capitals, union territories. Physical: Mountain Ranges, Mountains Peaks, Passes, River, Soil & climate. Cultural: Roadways, Railways, waterways, Airways Population: → density of population, sex composition.


 Signature of the Teacher

Lesson PlanName of the Assistant/ Associate Professor... Naveen NirmalClass and Section: B.A.-III sem Session: 2023-24Subject: Toposheets and Weather Maps

Month	Topic
July August	1.) weather maps:- (General introduction to study of weather maps. scheme of weather symbols employed india, daily weather maps.
September	2.) weather in india summer season (Period of summer monsoon), winter season. Forecasting of weather through the study of weather maps & recent advances in weather forecasting.
October	3.) Representation of features & slopes: uniform, undulating, Gentle, Concave, Convex slopes, Conical hill, Volcanic hill.
November	V-shaped valley, U-shaped valley, spur col, sand dunes, Re-Enter saddle, waterfall, Rapids, sea cliff, over hanging cliff.



Signature of the Teacher

Session 2022-23

GET 202

Lesson Plan

Name of the Assistant/ Associate Professor... Naveen Nirmal

Class and Section: B.A (Pass Course) Semester 4th Month

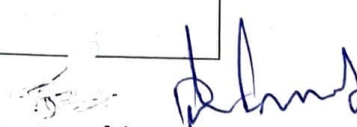
Subject: Climatology and Oceanography (Even Sem)

Week	Topic
Jan. 1	Weather and Climate, Origin, Composition and structure of atmosphere. Isolation, Global heat budget, Horizontal and vertical distribution of temperature, Inversion of temperature
Feb. 2	Atmospheric pressure - measurement and distribution, Pressure belts, Planetary Winds and Local Winds, Humidity - measurement and variables, Evaporation, Condensation, Precipitation - forms, types and Distribution
March 3	Air masses - concept and classification, fronts - type and characteristics, Weather disturbances - tropical and extra-tropical cyclones Climate change and Global warming
April 4	Ocean floors and surface relief of Pacific, Atlantic and Indian Oceans, Salinity of Oceans, Oceanic currents, Circulation in Pacific, Atlantic and Indian Oceans, Oceanic resources

Signature of the Teacher

Lesson PlanName of the Assistant/ Associate Professor..... Naveen Nirmal.....Class and Section: B.A. (Pass Course) Semester 4th Month.....Subject: Map Projection (Practical) (Even Sem.).....

Week	Topic
Jan. 1	Introduction to Map Projections; Meaning and classification and importance, characteristics of latitudes longitude lines
Feb. 2	<u>The</u> Types of Projection Cylindrical; Simple Cylindrical Projection, Cylindrical Equal Area Projection, Mercator's Projection
March 3	Conical Projection with one standard Parallel, Conical Projection with two standard Parallel, Bonne Projection, Polyconic Projection
April 4	Zenithal Projection :- Perspective projections; Gnomonic, Stereographic and Orthomorphic, Non Perspective Projections Equidistant, Equal Area Conventional :- Sinusoidal Projection, Mollweide Projection.


Signature of the Teacher

Lesson PlanName of the Assistant/ Associate Professor... Naveen NirmalClass and Section: B.A.-(H) - III Sem Session 2023-24Subject: Geomorphology and oceanography

Month	Topic
July August	Nature And scope of geomorphology ; fundamental concept, plate tectonics. Theory of Isostasy, Pratt and Airy ; geological time scale.
September	The earth interior, Endogenic forces: folds and faults and associated topography ; Volcanos and earthquakes.
October	Ocean floor Relief, Indian, Atlantic and Pacific, salinity and temperature.
November	circulation of oceanic water current , Oceanics resources.


 Signature of the Teacher

Lesson PlanName of the Assistant/ Associate Professor..... Naveen NimalClass and Section: M.Sc. - I sem Session: 2023-24Subject: Geomorphology

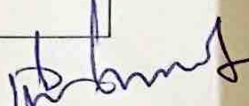
Month	Topic
July - August	Unit 1 - Geomorphology - definition, Nature & Scope, History & development of geomorphic ideas; Fundamental concepts - Uniformitarianism, geological structure, process & stage. The Earth interior - Structure & constitutions. Recent views. Plate tectonics - meaning & concept, plates, plate margins & boundaries, plate motion, tectonic activities along the boundaries & distribution of plates.
September	Unit 2 - Endogenetic process - Faulting, folding & their geomorphic expressions. Earthquake concept, causes, classification, intensity & magnitude. Geographical distribution. Vulcanism - concept, mechanism & causes; Volcanoes - Classification, volcanic materials, topography associated with volcanicity & geographical distribution.
October	Unit 3 - Exogenic processes - weathering & mass movement - meaning & concept controlling factors, classification & significance. Dynamics of fluvial, aeolian, glacial & karst processes & resulting landforms.
November	Unit 4 - Applied geomorphology - meaning, Application of geomorphology in regional planning, engineering projects. Mineral exploration & hydrology. Regional geomorphology of Punjab plain, Aravalli Region and Thar desert of India.

Signature of the Teacher

Lesson Plan

Name of the Assistant/ Associate Professor: Naveen Nimmal
 Class and Section: M.Sc - II sem Session: (2023-24)
 Subject: Advanced geography of India

Month	Topic
Jan	Physiographic Regions, Drainage System and Watersheds, Climate: Monsoon and rainfall patterns, Climatic Regions: Natural Vegetation, Soil types, and their distribution.
Feb	Major characteristics and problems of Agriculture, Agricultural regions, Agro climatic Regions. Green revolution and its impact on Indian Agriculture. Dry farming and its significance, Livestocks resources and White revolutions. Non-Conventional Energy resources: Coal and Petroleum.
March	Industries: Locational factors of cotton textile, iron and steel. and Automobile industries: Industrial regions of India. Road, Railways and pipelines network and their importance in regional development.
April	Locational and rural development programmes, Planning backward Area, desert. Drought prone, Hill, tribal area development. Tsunamis, floods and drought - causes and mitigation measures. Regional disparities and economic development. Linkages of rivers.


Signature of the Teacher

Lesson PlanName of the Assistant/ Associate Professor... Naveen NimalClass and Section: M.Sc. - IV sem Session: (2023-24)Subject: Geography of Water Resources

Month	Topic
Jan	<p>Investigation Induced water logging and salinity with reference to Indira Gandhi Canal project, Sources, Monitoring and management of Water pollution.</p>
Feb	<ul style="list-style-type: none"> - Interstate water disputes - treaties with reference to India. - Water policy of India.
March	<ul style="list-style-type: none"> - Water harvesting techniques - Watershed Management.
April	<ul style="list-style-type: none"> - Issues and challenges of Inter basins transfer of water.

Signature of the Teacher