

LESSON PLAN (2023-2024)

Name of Assistant Professor		SATISH KUMAR
Subject		Geography of India
Semester		1 st
Class		B.A. 1 st
MONTH	TOPIC	
JULY- 2023	India: Location and extent & its Frontiers, Our Neighboring countries, Strategic Importance of India, Factors responsible for diversities in India, Relief Structure of India.	
AUGUST- 2023	Geographical & regional division of Himalaya, Geographical & Regional Divisional of Northern Plain of India, About Peninsular plateau & its physical sub division. Indian Desert and coastal plain of India, The Islands. Drainage system of India- classification. The river system of Himalayan Drainage, The river system of peninsular plateau. Factor determining climate of India, The nature of Indian monsoon. Koppen's classification of climatic region. Thornwaite's classification of climatic region, Salient feature of climate of India, Definition of Soil & classification of Indian Soil Soil degradation and types of soil erosion, Causes of soil erosion & soil conservation, Meaning of natural Vegetation & types of Forest, Forest cover in India & Benefits of Forest, Forest conservation	
SEPT. - 2024	Disaster- meaning & types, Yokohama strategy & earthquake, Tsunami, Tropical cyclone & Floods. Drought- cause, consequences and manager, Population distribution in India, Migration – Definition and important , Types and causes of migration, Settlements – process & types, Types of Rural settlement, Types of Urban Settlement, Urban settlements of definition, Growth of Town in India, Periods of growth of urbanization, Metropolitan cities in India, Distribution of Towns in India. Written Test, Land resources and land use categories, Meaning of Irrigation and its necessity, Favorable condition for irrigation, Means of Irrigation- Canal, Tubewells and Tanks, Cropping season in India & farming types.	
OCT. - 2024	Rice- It's geographical condition and production, Wheat- It's geographical condition and production, Cotton- Its geographical condition and production, Sugarcane- Its geographical condition and production, Green revolution – Meaning and beginning Green Revolution – Salient Features and Effect, Problem of Green Revolution, Steps for stability of green revolution, Written test Problems of India Agriculture Minerals: Meaning & Definition.	

	<p>Types of mineral resources, Distribution of Minerals in India-Iron –Ore – production & state wise distribution and trade, Manganese – Production & State wise manganese distribution of India and trade. Mica- Production, state wise distribution in India. Power Resources: Coal, Types and production of coal. Petroleum-Origin, production and state wise distribution. Hydro electricity-State wise production. Conservation of Mineral and Energy resources.</p> <p>Manufacturing Industries – Meaning & Importance, Types of Industries, Factors affecting location of Industries. Iron & Steel industry.</p>
NOV - 2024	<p>Cotton Textile industries, Sugar industries, Petrochemical industries, Industrial region in India, Revision and group discussion, Transport- Meaning and importance. Road transport – important, merits and demerits, Classification of Roads, Rail Transport. Water transport Air Transport, Oil & Gas Pipelines Merits and Demerits of Pipelines, Communication Network Group Discussion and written Test. Changing pattern of International Trade. Direction of India's Foreign Policy. Port as gateways of international trade. Air Ports.</p>

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LESSON PLAN (2023-2024)

Name of Assistant Professor	SATISH KUMAR
Subject	Practical - Maps and Scales
Semester	1st
Class	B.A. 1 st

MONTH	TOPIC
July- 2023	➤ Introduction to Cartography.
Aug.- 2023	➤ Maps and their types.
Sept - 2023	➤ Map Scales.
Oct – 2023	➤ Measurement of Distances and Areas on Maps.
Nov - 2023	➤ Enlargement and Reduction of Maps.

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LESSON PLAN (2023-2024)

Name of Assistant Professor	SATISH KUMAR
Subject	PHYSICAL GEOGRAPHY
Semester	2 nd
Class	B.A. 1 st year

MONTH	TOPIC
Jan - 2024	<ul style="list-style-type: none">➤ Nature and Scope of Physical Geography➤ Constitution of Earth Interior➤ Recent Views regarding the Constitution of Earth Interior➤ Geological Time Scale➤ The age of the Earth➤ Group Discussion➤ Types of Rocks – Igneous➤ Earth Movements, Slow Movement
Feb - 2024	<ul style="list-style-type: none">➤ Types of Fold➤ Group Discussion➤ Volcanoes: Meaning and Definitions➤ Earthquakes➤ The Theory of Isostasy➤ Test➤ Cycles of Erosion, Geographical Cycle of Davis➤ Penk's Concept of Cycle of Erosion
March - 2024	<ul style="list-style-type: none">➤ Theory of Continental Drift➤ Plate Tectonic Theory➤ Group Discussion➤ Process of Gradation, Weathering➤ Test➤ Mass Movement : causes their types and impacts
April - 2024	<ul style="list-style-type: none">➤ Work of Wind and Arid Landscape➤ Work of River and Fluvial Landscape➤ Work of Underground Water and Kart Landscape➤ Revision➤ Work of Glacier and Glacial Landscape➤ Work of Sea Waves and Coastal Landforms➤ Group Discussion

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LESSON PLAN (2023-2024)

Name of Assistant Professor	SATISH KUMAR
Subject	Remote sensing, GIS & Quantitative Methods
Semester	6 th
Class	B.A. FINAL

MONTH	TOPIC
Jan- 2024	Introduction to aerial photographs objectives of photography, objectives of photography, Development of aerial photography in India, Types of Aerial photographs. Elements of aerial photo interpretation Advantages of Aerial photographs, Elements of aerial photograph, Introduction to RS, Meaning and definition of Remote sensing, Test, Historical development of RS technology, RS platforms and their types. Definition of electromagnetic spectrum and their characteristics, Wavelength and wave frequency table and diagram.
Feb.- 2024	Types of satellites, electromagnetic spectrum. Need and objectives of Rs., Stages in remote sensing, Types of statellites, Application of remote sensing in geomorphological studies, application of imageries in agricultural and environment etc. Application of remote sensing in flood zone delineation and mapping, expansion of cities, landuse and land cover and military etc. , Types of imageries.
March - 2024	Introduction and definition of geographic al information system, Elements of GIS, Objectives and advantages of GIS, Hardware and software requirements for a GIS. Components of computer, Revision of chapter taught, Test, Input units, output units, storage unit, control unit of hardware, Output devices introduction, Application of GIS in various fields, Revision of descriptive and short questions,
April. - 2024	Meaning and definition of central tendency, aims and functions, Methods of calculating arithmetic mean, Merits and demerits of arithmetic mean. Merits and demerits of median, Calculation of Mode, Merits and demerits of mode. Meaning and definition and dispersion and objectives, Calculation of range , Calculation of quartie deviation and coefficient of quartile deviation. Mean deviation in continuous series, Definition of standard deviation and past chapter revision. Calculation of Standard deviation in individual series, Calculation of coefficient of variation.

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LESSON PLAN (2023-2024)

Name of Assistant Professor	SATISH KUMAR
Subject	Practical- Int. R.S. and Field Survey Report
Semester	6 th
Class	B.A. FINAL

MONTH	TOPIC
Jan- 2024	<ul style="list-style-type: none">➤ Demarcation of Principal point➤ Conjugate Principal Point and Flight line on Aerial Photographs.
Feb.- 2024	<ul style="list-style-type: none">➤ Determination of scale of Aerial Photographs➤ Interpretation of Single Vertical Photographs
March - 2024	<ul style="list-style-type: none">➤ Use of Stereoscope and Identification of Features➤ Identification of Features on IRSID, LISS III Imagery
April. - 2024	<ul style="list-style-type: none">➤ Socio – Economic Survey and Report Writing

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LESSON PLAN (2023-2024)

Name of Assistant Professor	SATISH KUMAR
Subject	ECONOMY GEOGRAPHY
Semester	5 TH
Class	B.A. FINAL

MONTH	TOPIC
JULY- 2023	Nature, scope and relationship of economic geography with economics and other branches of social sciences.
AUGUST- 2023	Classification of economic activities and their impact on environment. World natural resources: Types, bases and classification. Conservation and utilization of natural resources.
SEPT. - 2024	Spatial distribution of food (rice and wheat), commercial (cotton and sugarcane) and plantation crops (tea, rubber and coffee). Classification of mineral resources (ferrous and non-ferrous), distribution and production of coal, iron ore, petroleum and natural gas
OCT. - 2024	Classification of industries, world distribution and production of iron and steel and textile industry, major industrial complexes of the world.
NOV - 2024	Transport, communication and trade: geographical factors in their development, major modes of water, land and air transport, recent trends in international trade. Revision

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LESSON PLAN (2023-2024)

Name of Assistant Professor	SATISH KUMAR
Subject	TOURISM GEOGRAPHY
Semester	4 th
Class	M.A. FINAL

MONTH	TOPIC
Jan - 2024	<ul style="list-style-type: none">➤ Geography of Tourism: Definition, nature and scope➤ Motivating factors of tourism➤ Robinson's classification of motivating factors of tourism➤ Tourism Product and Typology
Feb - 2024	<ul style="list-style-type: none">➤ Infrastructure of tourism➤ Support system of tourism➤ Accommodation➤ Supplementary Accommodation➤ Agencies and Intermediaries
March - 2024	<ul style="list-style-type: none">➤ Physical impact of tourism➤ Economic and Social impact of tourism➤ Tourism paradigms: Ethnic and cultural tourism➤ Heritage tourism, sustainable tourism and eco-tourism.➤ Regional dimensions of tourism in India : Himalayan region.
April - 2024	<ul style="list-style-type: none">➤ Regional dimensions of tourism in India : Northern Plains➤ Regional dimensions of tourism in India : The Thar Desert➤ Regional dimensions of tourism in India : Deccan Plateau➤ Regional dimensions of tourism in India : Coastal Plains and the islands

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