

ASANNAGAR MMT COLLEGE

DEPARTMENT OF GEOGRAPHY, 4TH SEMESTER GE LESSON PLAN

JANUARY-JUNE SESSION, 2021

GEO/H/GE/T/04/A: (Theory):GE/04: Industrial Geography

Unit	Topic	Teacher	Total Class
Unit-1	Nature and Scope of Industrial Geography	Baidyanath Sarkar	6
Unit-2	Classification of Industries; Geographical Characteristics: Small and Medium Industries, Heavy Industries, Agro-based Industries, Footloose Industries	Baidyanath Sarkar	8
Unit-3	Location of Industries: Importance and Weber's Theory of Industrial Location	Baidyanath Sarkar	8
Unit-4	Mega Industrial Complexes: Mumbai-Pune industrial Region, Bengaluru-Chennai Industrial Region, Chota Nagpur Industrial Region	Baidyanath Sarkar	8
Unit-5	Environmental Impact of Industrialisation in India	Baidyanath Sarkar	8
Unit-6	Industrial Policy in India (since 1991)	Baidyanath Sarkar	2

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GEO/G/CC/T/04: (Theory): Environmental Geography

Unit	Topic	Teacher	Total Class
Unit-1	Concepts and approaches of Environmental Geography	Baidyanath Sarkar	3
Unit-2	Concept, Structure and Functions of Ecosystem	Baidyanath Sarkar	5
Unit-3	Definition of Biosphere, Meaning of Ecology, Econtone, Habitat, Community, Ecological Niche, Biotopics and Biomes	Baidyanath Sarkar	5
Unit-4	Enviromental Problems and Management: Air and Water Pollution	Baidyanath Sarkar	5
Unit-5	Environmental Programmes and Policies: MAB	Baidyanath Sarkar	4
Unit-6	Wetlands: Ramsar Sites in India	Baidyanath Sarkar	3
Unit-7	Human-Environment Relationship in Mountain and Coastal Regions	Baidyanath Sarkar	5

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GEO/G/CC/P/04: (Practical): Field Work

Unit	Topic	Teacher	Total Class
Unit-1	Preparation of Survey Schedule or Questionnaire for Air Pollution and Health Perception Survey	Baidyanath Sarkar	3
Unit-2	Mapping of Wetlands from Topographical Sheet	Baidyanath Sarkar	5
Unit-3	Mapping of Forest from Topographical Sheet	Baidyanath Sarkar	5

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DEPARTMENT OF GEOGRAPHY, 6TH SEMESTER CORE PROGRAM DSE-2 LESSON PLAN

JANUARY-JUNE SESSION, 2021

GEO/G/DSE/T/02/A: (Theory): Disaster Management

UNIT	TOPIC	TEACHER	TOTAL CLASS
UNIT-1	Definition and Concepts: Hazards, Disasters; Risk and Vulnerability; Classification of hazards	Baidyanath Sarkar	8
UNIT-2	Disasters in India: (a) Flood: Causes, Impact, Distribution and Mapping; Landslide: Causes, Impact, Distribution and Mapping; Drought: Causes, Impact, Distribution and Mapping	Baidyanath Sarkar	8
UNIT-3	Disasters in India: (b) Earthquake and Tsunami: Causes, Impact, Distribution and Mapping; Cyclone: Causes, Impact, Distribution and Mapping.	Baidyanath Sarkar	8
UNIT-4	Manmade disasters: Causes, Impact, Distribution and Mapping of Soil erosion and Accidental release of toxic chemicals	Baidyanath Sarkar	8
UNIT-5	Response and Mitigation to Disasters: Institutional set up, NDMA and NIDM; Indigenous Knowledge and Community-Based Disaster Management; Do's and Don'ts During and Post Disasters	Baidyanath Sarkar	8

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DEPARTMENT OF GEOGRAPHY, 6TH SEMESTER CORE PROGRAM GE-2 LESSON PLAN

JANUARY-JUNE SESSION, 2021

GEO/G/GE/T/02: (Theory): Sustainable Development

Unit	Topic	Teacher	Total Class
Unit-1	Sustainable Development: Historical Background, Definition, Components, Limitations	Baidyanath Sarkar	4
Unit-2	Sustainable Regional Development: Need and examples from different Ecosystems	Baidyanath Sarkar	4
Unit-3	Inclusive Development: Education and Health	Baidyanath Sarkar	4
Unit-4	Climate change and sustainable development: Policies and global cooperation	Baidyanath Sarkar	4
Unit-5	Poverty and disease; Human right to health; Challenges of Universal Health Coverage	Baidyanath Sarkar	4
Unit-6	Sustainable Development Policies and Programmes: The proposal for SDGs at Rio+20; Illustrative SDGs; Goal-Based Development	Baidyanath Sarkar	4
Unit-7	Sustainable Development: Financial issues	Baidyanath Sarkar	4
Unit-8	Good Governance for sustainable development	Baidyanath Sarkar	4
Unit-9	National Environmental Policy, Clean development mechanism	Baidyanath Sarkar	4
Unit-10	Sustainable regional resource development and livelihood security	Baidyanath Sarkar	4

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DEPARTMENT OF GEOGRAPHY, 1ST SEMESTER CORE PROGRAM LESSON PLAN

JULY-DECEMBER SESSION, 2021

GEO/G/CC/T/01: (Theory): Geotectonics and Geomorphology

UNIT	TOPIC	TEACHER	TOTAL CLASS
Unit-1	Lithosphere – Internal Structure of Earth based on Seismic Evidence	Baidyanath Sarkar	4
Unit-2	Weathering: Types and Related Landforms	Baidyanath Sarkar	4
Unit-3	Plate Tectonics and its Associated Landforms	Baidyanath Sarkar	4
Unit-4	Landform Development in Arid Regions	Baidyanath Sarkar	4
Unit-5	Landform Development in Glaciated Regions	Baidyanath Sarkar	4
Unit-6	Development of Fluvial Landforms	Baidyanath Sarkar	3
Unit-7	Fluvial Cycle of Erosion – Davis and Penck	Baidyanath Sarkar	3
Unit-8	Hydrosphere: Hydrological Cycle, Ocean Bottom Relief Features, Tides and Ocean Currents	Baidyanath Sarkar	4

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DEPARTMENT OF GEOGRAPHY, 1ST SEMESTER CORE PROGRAM LESSON PLAN

JANUARY-JUNE SESSION, 2021

GEO/G/CC/P/01: (Practical): Scale and Cartography

Unit	Topic	Teacher	Total Class
Unit-1	Map Scale: Types and Application	Baidyanath Sarkar	2
Unit-2	Linear and Comparative Scale	Baidyanath Sarkar	3
Unit-3	Representation of Data: Dot, Proportional Circles, Choropleth, Flow Diagram	Baidyanath Sarkar	3
Unit-4	Taylor's Climograph and Hythergraph	Baidyanath Sarkar	2