



ASANNAGAR MADAN MOHAN TRAKALANKAR COLLEGE

DEPARTMENT OF GEOGRAPHY

LESSON PLAN (NEP 2020)

Type: Minor

PER SEMESTER TOTAL CREDITS 4

PER SEMESTER TOTAL MARKS (40+10=50)

COURSE EVALUATION : SEMESTER END EXAMINATION 40 & INTERNAL ASSESSMENT 10 MARKS

TEACHER : BAIDYANATH SARKAR

SEMESTER-I & II

PAPER: I (Theory), SESSION- JULY-DECEMBER & SEMESTER II :- JANUARY-JUNE

COURSE CODE: GEOG-MI-T-I, COURSE TITLE: PHYSICAL GEOGRAPHY

COURSE OUTCOME: After completion of course the learners will have ability to understand fundamental knowledge in physical geography, soil and biome, atmosphere, hydrological cycle, the earth surface processes landforms and their evolution.

UNIT	COURSE CONTENT	TOTAL CLASS
UNIT-1	Internal structure of earth	2
UNIT-2	Continental drift theory: Mechanism, evidences and criticisms	2
UNIT-3	Plate Techtonics : mechanism and resultant landforms	2
UNIT-4	Geomorphic process: Weathering	2
UNIT-5	Processes and landforms : Fluvial, Glacial, Aeolian and Coastal	2
UNIT-6	Composition and structure of the atmosphere	2
UNIT-7	Insolation, Heat budget, Horizontal and vertical distribution of temperature	2
UNIT-8	Hydrological cycle	2
UNIT-9	Definition of soil, concept of soil profile and soil forming factors; types of soils: Zonal, Azonal and Intrazonal	2
UNIT-10	Concept of ecology and ecosystem ; Biome: Tropical rain forest and taiga	2

SEMESTER-III & IV

PAPER: II (Theory), SESSION- JULY-DECEMBER

COURSE CODE: GEOG-MI-T-II, COURSE TITLE: HUMAN GEOGRAPHY

COURSE OUTCOME : After completion of course the learners will have ability to understand the key themes human geography and aqua knowledge a population in India spatio-temporal context. Understand changing nature of population dynamics in relation economic growth social development and cultural change. The learners build concrete ideas about migration and different economic sectors. The learners acquire knowledge about Ethic group in India and the learners also learn about India's economic and social development.



UNIT	COURSE CONTENT	TOTAL CLASS
UNIT-1	Distribution and growth of population in India	2
UNIT-2	Demographic Transition Theory	2
UNIT-3	Migration: Concept, types and causes	2
UNIT-4	Economic activities: Primary, Secondary and Tertiary	2
UNIT-5	Types and patterns of rural settlement	2
UNIT-6	Urban settlement: Census definition and characteristics	2
UNIT-7	Functional classification of towns	2
UNIT-8	Major Ethnic groups in India: Santhal, gond Toda, and Kashi	2
UNIT-9	Concept of culture, cultural hearths and Cultural diffusion	2
UNIT-10	Human Development Index	2

SEMESTER – V

PAPER: III (Theory), SESSION- JULY-DECEMBER

COURSE CODE: GEOG-MI-T-III, COURSE TITLE: ECONOMIC GEOGRAPHY

COURSE OUTCOME: After the completion of course the learners will have ability to economic theories with geographical phenomena. The learners will have get a geographical perspective to examine economic phenomena including transport. They are practically evaluate the problems of economic thoughts.

UNIT	COURSE CONTENT	TOTAL CLASS
UNIT-1	Definition approaches and fundamental concepts of Economic Geography	2
UNIT-2	Locational theories- Agriculture (Von Thunen) and industry (Weber)	2
UNIT-3	Determination of market area: Theory losch	2
UNIT-4	Primary activities - Shifting cultivation, intensive substance farming, commercial grain farming, commercial dairy farming, plantation, commercial fishing	2
UNIT-5	Primary activities - Mining : Iron ore, coal and petroleum	2
UNIT-6	Secondary activities- Iron and steel industry, cotton textile industry and petro-chemical industry	2
UNIT-7	Tertiary activities - Modes of transportation, patterns of International trade	2
UNIT-8	Quaternary activities - information and communication Technology industry	2
UNIT-9	GATT and WTO: Functions and relevance	2
UNIT-10	Regional blocks in international trade : SAARC, OPEC, EU	2



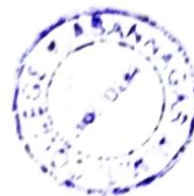
SEMESTER – VII

PAPER: IV (Theory), SESSION- JULY-DECEMBER

COURSE CODE: GEOG-MI-T-IV, COURSE TITLE: GEOGRAPHY OF ENVIRONMENT

COURSE OUTCOME - After the completion of course the learners will have ability to understand fundamental knowledge of environmental geography and understand fundamental knowledge of structure and function of ecosystem. They obtained knowledge on the approaches and concept in Geography of Environment.

UNIT	COURSE CONTENT	TOTAL CLASS
UNIT-1	Concepts and approaches of environment geography	2
UNIT-2	Concept structure and functions of system	2
UNIT-3	Environmental pollution and degradation : Land water and air	2
UNIT-4	Wetlands : Ramsar sites in India	2
UNIT-5	Wildlife conservation and Management : Sanctuaries, national parks and Biosphere Reserves w.r.t. India	2
UNIT-6	Plastic hazard : causes consequences and Management	2
UNIT-7	Arsenic contamination in deltaic Bengal	2
UNIT-8	Human environment relationship in mountain and costal regions	2
UNIT-9	Sustainable Regional Development: Needs and significances	2
UNIT-10	Environmental Impact Assessment	2



SEMESTER- I, II & III

PER SEMESTER TOTAL CREDITS 3

PER SEMESTER TOTAL MARKS (35+10=45)

COURSE EVALUATION : SEMESTER END EXAMINATION 35 & INTERNAL ASSESSMENT 10 MARKS

Type: Multidisciplinary Course (MDC)

PATER – I (THEORY)

COURSE CODE: GEOG-MU-T-1

COURSE TITLE: DISASTER MANAGEMENT

COURSE OUTCOME : After the completion of course the learners will have ability to learn the basic concepts in disaster management. They also learn the nature of natural and man-made disasters in India. The learners develop strategies for disaster management to sustain social development.

UNIT	COURSE CONTENT	TOTAL CLASS
UNIT-1	Definition and concepts: Hazards, Disasters; Risk and Vulnerability; Classification of hazards	2
UNIT-2	Flood, drought, landslide: Causes impact and distribution in India	2
UNIT-3	Earthquake : Causes, effects and seismic zones in India; Tsunami: Causes and effects	2
UNIT-4	Tropical Cyclone : structure, formation and impact with reference to India	2
UNIT-5	Manmade disasters in India : soil erosion and accidental release of toxic chemicals - causes and impact	2
UNIT-6	Disasters - response and mitigation measures: Institutional setup - NDMA and NIDM; Indigenous knowledge and community-based Disaster Management ; Do's and Don'ts during and post disasters	2

For Approval
01/09/26

Teacher-in-Charge
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