

Department: Geography
 Curriculum distribution
 Academic session: 2023-2024
 Semester: 3rd

Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lecture
DISASTER MANAGEMENT	Generic Elective (GEO/H/GE/T/01/A)	I	DEFINITION AND CONCEPTS: HAZARDS, DISASTERS, RISK AND VULNERABILITY, CLASSIFICATION OF HAZARDS	Daisy Nargis	5
DISASTER MANAGEMENT	Generic Elective (GEO/H/GE/T/01/A)	I	DISASTERS IN INDIA: A) FLOOD: CAUSE, IMPACT, DISTRIBUTION AND MAPPING B) LANDSLIDE: CAUSES, IMPACT, DISTRIBUTION AND MAPPING C) DROUGHT: CAUSES, IMPACT, DISTRIBUTION AND MAPPING	Nabin Mandal	20
DISASTER MANAGEMENT	Generic Elective (GEO/H/GE/T/01/A)		DISASTERS IN INDIA: D) EARTHQUAKE AND TSUNAMI: CAUSES, IMPACT, DISTRIBUTION AND MAPPING E) CYCLONE: CAUSES, IMPACT, DISTRIBUTION AND MAPPING	Daisy Nargis	15
DISASTER MANAGEMENT	Generic Elective (GEO/H/GE/T/01/A)		MANMADE DISASTERS: CAUSES, IMPACT; DISASTER MANAGEMENT DISTRIBUTION AND MAPPING OF SOIL EROSION AND ACCIDENTAL RELEASE OF TOXIC CHEMICALS	Nabin Mandal	10
DISASTER MANAGEMENT	Generic Elective (GEO/H/GE/T/01/A)		a) RESPONSES AND MITIGATION TO DISASTERS: INSTITUTIONAL SET UP, NDMA AND NIDM; INDIGENOUS KNOWLEDGE AND COMMUNITY BASED DISASTER MANAGEMENT	Daisy Nargis	8
DISASTER MANAGEMENT	Generic Elective (GEO/H/GE/T/01/A)		b) DO'S AND DON'S DURING AND POST DISASTERS	Daisy Nargis	2

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Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lecture
HUMAN GEOGRAPHY	Core course (GEO/G/CC/T/03)	I	Definition, Nature, Major Subfields, Contemporary Relevance	Daisy Nargis	5
HUMAN GEOGRAPHY	Core course (GEO/G/CC/T/03)	I	Space and Society: Cultural Regions, Race, Religion, and Language	Daisy Nargis	20
HUMAN GEOGRAPHY	Core course (GEO/G/CC/T/03)	I	Population: Population Growth and Demographic Transition Theory Types of Population Migration with reference to India World Population Distribution and Composition (Age, Gender and Literacy)	Nabin Mandal	20
HUMAN GEOGRAPHY	Core course (GEO/G/CC/T/03)	I	Settlements: Types and Patterns of Rural Settlements Classification of Urban Settlements Functional Classification of Towns	Nabin Mandal	15
MAP PROJECTION	Core course (GEO/G/CC/P/03)	II	Simple Conical Projection with One Standard Parallel, Cylindrical Equal Area Projection	Nabin Mandal	20
MAP INTERPRETATION	Core course (GEO/G/CC/P/03)	II	Interpretation of Topographical Maps: Relation between Physiography, Drainage and Settlement, Interpretation of Weather Maps(Pre-Monsoon, Monsoon and Post Monsoon)	Daisy Nargis	40

COMPUTER BASICS AND COMPUTER APPLICATION	SEC (GEO/G/SE C/P/01/A)	I	Numbering Systems; Binary Arithmetic, Data computation, Storing and Formatting in Spreadsheets: Computation of Rank, Mean, Median, Mode, Standard Deviation, Moving Averages, Derivation of Correlation, Coefficient of Variation, Regression, Preparation of Annotated Diagrams and its Interpretation: Scatter Diagram and Histogram and Internet Surfing: Generation and Extraction of Information	Nabin Mandal	60

Department: Geography
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 Academic session: 2023-2024
 Semester: 4th

Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lectures
REGIONAL DEVELOPMENT	Generic Elective (GEO/H/GE/T/02/B)	I	1) Definition of Region , Evolution, Types and Need of Regional planning: Formal, Functional and Planning Region and Regional Development. 2) Regional Imbalance and Problems of Functional Region.	Nabin Mandal	15
REGIONAL DEVELOPMENT	Generic Elective (GEO/H/GE/T/02/B)	I	3) Choice of a Region for Planning: Characteristics of an Ideal planning Region, Delimitation of Planning Region, Regionalization of India for Planning(Agro-Ecological Zones).	Daisy Nargis	15
REGIONAL DEVELOPMENT	Generic Elective (GEO/H/GE/T/02/B)	I	4) Strategies/ Models for Regional Planning , Growth Pole Model of Perroux, Growth Centre Model in Indian Context , Village Cluster.	Daisy Nargis	10
REGIONAL DEVELOPMENT	Generic Elective (GEO/H/GE/T/02/B)	I	5) Problem Regions and Regional Planning, Backward Regions and Regional Plans-special Area Development Plans in India, DVC – The Success story and the Failures.	Nabin Mandal	15
REGIONAL DEVELOPMENT	Generic Elective (GEO/H/GE/T/02/B)	I	6) Concept of Human Development and HDI	Daisy Nargis	5

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 Semester: 4th

Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lecture
ENVIRONMENTAL GEOGRAPHY	Core course (GEO/G/CC/T/04)	I	Concept, structure and Functions of Ecosystem	Daisy Nargis	10
ENVIRONMENTAL GEOGRAPHY	Core course (GEO/G/C C/T/04)	I	Definition of Biosphere, Meaning of Ecology, Ecotone, Habitat, Community, Ecological Niche, Bio topics, and Biomes.	Nabin Mandal	15
ENVIRONMENTAL GEOGRAPHY	Core course (GEO/G/C C/T/04)	I	Environmental problems and Management: Air and Water pollution. Environmental Programmes and Policies: MAB.	Daisy Nargis	20
ENVIRONMENTAL GEOGRAPHY	Core course (GEO/G/C C/T/04)	I	Wetlands: Ramsar sites in India. Human-Environment relationship in Mountain and Coastal regions.	Nabin Mandal	10
Field Work	Core course (GEO/G/CC/T/04)	II	Preparation of Survey Schedule or Questionnaire for Air Pollution and Health Perception Survey.	Nabin Mandal	25
Field Work	Core course (GEO/G/CC/T/04)	II	Mapping of Wetlands from Topographical Sheet. Mapping of Forest from Topographical Sheet	Daisy Nargis	35
Field Work	SEC (GEO/G/SEC/P/02/B)	I	Field Work Project	Nabin Mandal	60

Department: Geography
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 Semester: 5th

Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lecture
DISASTER MANAGEMENT	Generic Elective (GEO/G/GE/T/01/A)	I	DEFINITION AND CONCEPTS: HAZARDS, DISASTERS, RISK AND VULNERABILITY, CLASSIFICATION OF HAZARDS	Daisy Nargis	5
DISASTER MANAGEMENT	Generic Elective (GEO/G/GE/T/01/A)	I	DISASTERS IN INDIA: A) FLOOD: CAUSE, IMPACT, DISTRIBUTION AND MAPPING B) LANDSLIDE: CAUSES, IMPACT, DISTRIBUTION AND MAPPING C) DROUGHT: CAUSES, IMPACT, DISTRIBUTION AND MAPPING	Nabin Mandal	20
DISASTER MANAGEMENT	Generic Elective (GEO/G/GE/T/01/A)	I	DISASTERS IN INDIA: D) EARTHQUAKE AND TSUNAMI: CAUSES, IMPACT, DISTRIBUTION AND MAPPING E) CYCLONE: CAUSES, IMPACT, DISTRIBUTION AND MAPPING	Daisy Nargis	15
DISASTER MANAGEMENT	Generic Elective (GEO/G/GE/T/01/A)	I	MANMADE DISASTERS: CAUSES, IMPACT; DISASTER MANAGEMENT DISTRIBUTION AND MAPPING OF SOIL EROSION AND ACCIDENTAL RELEASE OF TOXIC CHEMICALS	Nabin Mandal	10
DISASTER MANAGEMENT	Generic Elective (GEO/G/GE/T/01/A)	I	a) RESPONSES AND MITIGATION TO DISASTERS: INSTITUTIONAL SET UP, NDMA AND NIDM; INDIGENOUS KNOWLEDGE AND COMMUNITY BASED DISASTER MANAGEMENT	Daisy Nargis	8
DISASTER MANAGEMENT	Generic Elective (GEO/G/GE/T/01/A)	I	b) DO'S AND DON'S DURING AND POST DISASTERS	Daisy Nargis	2

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 Semester: 5th

Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lecture
ECONOMIC GEOGRAPHY	DSE (GEO/G/DSE/T/01/B)	I	DEFINITIONS, APPROACHES AND FUNDAMENTAL CONCEPTS OF ECONOMIC GEOGRAPHY; PATTERNS OF DEVELOPMENT	Daisy Nargis	5
ECONOMIC GEOGRAPHY	DSE (GEO/G/DSE/T/01/B)	I	LOCATIONAL THEORIES- AGRICULTURE (VON THUNEN) AND INDUSTRIAL (WEBER)	Nabin Mandal	10
ECONOMIC GEOGRAPHY	DSE (GEO/G/DSE/T/01/B)	I	PRIMARY ACTIVITIES – INTENSIVE SUBSISTENCE FARMING, COMMERCIAL GRAIN FARMING, PLANTATION, COMMERCIAL DAIRY FARMING, COMMERCIAL FISHING .	Nabin Mandal	10
ECONOMIC GEOGRAPHY	DSE (GEO/G/DSE/T/01/B)	I	MINING (IRON ORE, COAL AND PETROLEUM)	Daisy Nargis	5
ECONOMIC GEOGRAPHY	DSE (GEO/G/DSE/T/01/B)	I	SECONDARY ACTIVITIES – COTTON TEXTILE INDUSTRY, PETRO- CHEMICAL INDUSTRY, MAJOR MANUFACTURING REGIONS.	Daisy Nargis	15
ECONOMIC GEOGRAPHY	DSE (GEO/G/DSE/T/01/B)	I	TERTIARY AND QUATERNARY ACTIVITIES – MODES OF TRANSPORTATION, PATTERNS OF INTERNATIONAL TRADE, AND INFORMATION AND COMMUNICATION TECHNOLOGY INDUSTRY	Nabin Mandal	15
FIELD TECHNIQUES AND SURVEY BASED PROJECT REPOPRT	GEO/G/SEC/P/03/A	I	FIELD TECHNIQUES AND SURVEY BASED PROJECT REPOPRT	Nabin Mandal	60

Department: Geography
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 Semester: 6th

Title of the Paper	Courses	Unit	Contents	Name of Faculty Members	Number of Lecture
SUSTAINABLE DEVELOPMENT	Generic Elective (GEO/G/GE/T/02)	I	1) Sustainable Development: Historical Background, Definition, Components, Limitations. 2) Sustainable Regional Development: Need and Examples from different Ecosystems.	Nabin Mandal	10
SUSTAINABLE DEVELOPMENT	GEO/G/GE/T/02	I	3) Inclusive Development: Education and Health. 4) Climate Change and Sustainable Development: Policies and Global cooperation	Daisy Nargis	10
SUSTAINABLE DEVELOPMENT	GEO/G/GE/T/02	I	5) Poverty and Disease: Human right to health, Challenges of Universal Health Coverage. 6) Sustainable Development Policies and Programmes: The proposal for SDG at Rio+ 20, Illustrative SDGs, Goal based Development.	Nabin Mandal	15
SUSTAINABLE DEVELOPMENT	GEO/G/GE/T/02	I	7) Sustainable Development: Financial Issues. 8) Good Governance for Sustainable development.	Daisy Nargis	10
SUSTAINABLE DEVELOPMENT	GEO/G/GE/T/02	I	9) National Environmental Policy, Clean Development Mechanism.	Nabin Mandal	10
SUSTAINABLE DEVELOPMENT	GEO/G/GE/T/02	I	10) Sustainable regional resource development and livelihood security.	Daisy Nargis	5

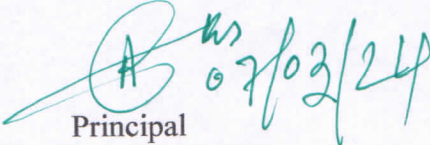
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DISASTER MANAGEMENT	DSE (GEO/G/DSE/T/02/A)	I	b) DO'S AND DON'S DURING AND POST DISASTERS	Daisy Nargis	2

ROCKS AND MINERALS AND THEIR MEGASCOPIIC IDENTIFICATION	GEO/G/SEC/P/0 4/B	I	ROCKS AND MINERALS AND THEIR MEGASCOPIIC IDENTIFICATION (BASALT, GRANITE, MICA, QUARTZ ETC)	Daisy Nargis	60
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Nabin Mandal 19/02/2024

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