

**K.E.S. Dr. C.D.DESHMUKH COMM.& SAU.K.G.TAMHANE ARTS  
COLLEGE ROHA.RAIGAD.**

**YEARLY TEACHING PLAN- 2021-22**

**CLASS: - F.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 1**

**Sub:- HUMAN GEOGRAPHY**

**SEMESTER 1<sup>st</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
1.	JULY 21	<b>Human Geography: An Introduction</b> <ul style="list-style-type: none"> <li>• Human Geography - Meaning, Definition, Nature, Scope</li> <li>• Branches of Human Geography</li> <li>• Different Approaches of Human Geography</li> <li>• Man Environment relation, Determinism Possibilism , Probabilism</li> </ul>
2.	JULY 21	<b>Population</b> <ul style="list-style-type: none"> <li>• Trends and Patterns of World Population change</li> <li>• Demographic Transition Model</li> <li>• Population Density ,its distribution and its growth</li> </ul>
3.	AUG. 21	<ul style="list-style-type: none"> <li>• Concept and Problems of Under-population, over-population and optimum population</li> </ul> <b>Settlement</b> <ul style="list-style-type: none"> <li>• Concept of Urban and Rural Settlements</li> <li>• Types and Pattern of settlement</li> <li>• Site and Situation</li> <li>• Functional classification of Urban settlement</li> </ul>
4.	SEPT. 21	<b>Migration</b> <ul style="list-style-type: none"> <li>• Concept and Types of Migration</li> <li>• Causes of migration – pull and push; Consequences/effects of migration</li> <li>• Patterns and processes of migration</li> <li>• Emerging trends of migrations or Issues of legal and illegal international migration Migrant refugee crisis</li> </ul>
5.	OCT. 21	<b>Practical</b> <ul style="list-style-type: none"> <li>• Map - Definition, Unit's , Type and Importance</li> <li>• Map scale - Definition, Verbal Scale and Graphical Scale</li> <li>• <b>Construction</b> of Choropleth Maps, Isopleth, Dot and Flow Maps</li> </ul>

**Ppt, Maps, Charts, Lecture and Video methods are used to teach the various above Unit's .**

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**CLASS: - F.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 1**

**Sub:- ENVIRONMENTAL GEOGRAPHY**

**SEMESTER 2<sup>nd</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
6	NOV. 21	<b>Fundamentals Of Environmental Geography</b> 1. Definition, Meaning of environment Environmental Geography: Concepts, Scope and Contents 2. Nature, scope and importance 3. Man's interaction with Environment 4. Relationship of Environmental geography with other sciences
7	DEC. 21	<b>Ecosystem Structure And Functions</b> 1: Ecosystem - meaning and definition and its Structure 2: Functions: Energy flow in ecosystem, food chains, food webs, food pyramid 3: Classification of Ecosystem detail study of Desert, Rainforest and fresh water lake ecosystem 4: Biogeochemical Cycles: Hydrological, Carbon and Nitrogen
8	JAN. 22	<b>Contemporary Environmental Issues</b> 1: Pollution - Air and Water Pollution - causes, effects 2. Land and Noise Pollution - causes, effects 3: Major environmental issues - global warming, Ozone depletion and acid rain 4: Major Environmental Movements - Save Amazon forest or Green peace Movement, Chipko movement, Save Narmada,
9	FEB. 22	<b>Natural Resources And Biodiversity</b> 1: Natural resources - meaning, definitions and importance 2. Types of natural resources: 3. Causes of depletion and methods/measures of natural resources Conservation 4: Bio-diversity in India and its conservation
10	MARCH 22	<b>Map Filling And Construction Of Cartograph (Practical)</b> a) Map Filling - World b) Interpretation or question answer on thematic maps drawn with techniques - Choropleth Maps, Isopleth, Dot Maps and Flow Maps

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**YEARLY TEACHING PLAN- 2021-22**

**CLASS: - S.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 2**

**Sub: - INTRODUCTION TO CLIMATOLOGY**

**SEMESTER 3<sup>rd</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
1.	JUNE 21	<ul style="list-style-type: none"><li>• Introduction to Climatology -</li><li>• Definition, nature, scope and branches of climatology</li><li>• Practical</li></ul>
2.	JULY 21	<ul style="list-style-type: none"><li>• Concept and elements of weather and climate</li><li>• Composition and structure of atmosphere</li><li>• Insolation: Vertical and horizontal distribution of temperature</li><li>• Practical</li></ul>
3.	AUG. 21	<ul style="list-style-type: none"><li>• Air pressure: Influencing factors – Tricellular model</li><li>• Horizontal distribution of air pressure</li><li>• Wind: Types of winds – global, regional and local</li><li>• Upper air circulation – jet stream ( concept, origin and effects)</li><li>• Practical</li></ul>
4.	SEPT. 21	<ul style="list-style-type: none"><li>• Humidity: Types - absolute, relative and specific</li><li>• Condensation and its forms</li><li>• Precipitation and its types</li><li>• Global distribution of rainfall</li><li>• Practical</li></ul>
5.	OCT.- 21	<ul style="list-style-type: none"><li>• Cyclones: tropical and temperate</li><li>• Anti-cyclones and tornados</li><li>• El Nino and Indian monsoon</li><li>• Global warming and climate change</li><li>• Practical</li></ul>

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**CLASS: - S.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 2**

**Sub: - Introduction to Oceanography**

**SEMESTER 4<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
6	NOV.21	<ul style="list-style-type: none"><li>• Origin and Development of Oceanography</li><li>• Oceanography : meaning, definition, nature and scope</li><li>• Branches of oceanography: physical chemical and biological</li><li>• Major Oceans and its characteristic features</li></ul>
7	DEC.21	<ul style="list-style-type: none"><li>• Ocean floor and its characteristics</li><li>• Composition of ocean water</li><li>• Factors affecting ocean water temperature</li><li>• Vertical and horizontal distribution of ocean temperature</li><li>• Factors affecting salinity of ocean water</li><li>• Vertical and horizontal distribution of oceanic salinity</li></ul>
8	JAN.22	<ul style="list-style-type: none"><li>• Waves- Formation and types</li><li>• Tsunami and their effects on coast</li><li>• Concept and types of Tides</li><li>• Equilibrium theory of Tides</li><li>• Ocean Currents – types and their effects</li></ul>
9	FEB.22	<ul style="list-style-type: none"><li>• El- Niño and La-Niña phenomenon</li><li>• Coral reefs and their importance</li><li>• Marine Ecosystem</li><li>• Marine pollution</li><li>• Oceans and global climate change</li></ul>
10	MARCH 22	<ul style="list-style-type: none"><li>• Map filling : Related to Oceanography</li><li>• Reading and Interpretation of navigation charts and bathymetric maps</li></ul>

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**YEARLY TEACHING PLAN- 2021-22**

**CLASS: - S.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 3**

**Sub:- Physical Geography of India**

**SEMESTER 3<sup>rd</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
1.	JUNE 21	<ul style="list-style-type: none"><li>• India: Location , extent and significance</li><li>• India: Major physiographic divisions and their formation</li><li>• Mountainous region of India</li><li>• North Indian plains</li><li>• Peninsular plateau of India</li><li>• Coastal plains and islands of India</li></ul>
2.	JULY 21	<ul style="list-style-type: none"><li>• Drainage System in India (Himalayan and Peninsular drainage system )</li><li>• Major Himalayan rivers of India</li><li>• Major Peninsular Rivers of India</li><li>• Major lakes of India</li><li>• Seasons in India</li><li>• Distribution of rainfall in India</li></ul>
3.	AUG. 21	<ul style="list-style-type: none"><li>• Classification of soils of India</li><li>• Problems associated with soils and its remedies in India</li><li>• Classification of Forest in India</li><li>• Importance of Forest in Indian context</li><li>• Deforestation and measures of forests conservation in India</li></ul>
4.	SEPT. 21	<ul style="list-style-type: none"><li>• Distribution of Metallic Minerals in India: Iron ore, manganese, bauxite, copper and other important minerals</li><li>• Distribution of Non-Metallic Minerals in India: Mica, limestone, gypsum, clay and other important minerals</li><li>• Distribution of Power Resources : Coal, mineral oil and natural gas, thorium and uranium</li><li>• Depletion and conservation of minerals and power resources in India</li></ul>
5.	OCT.- 21	<ul style="list-style-type: none"><li>• Map filling: Showing geographical features in the Map of India (Related to physiography)</li><li>• Map Scale – Types, Conversion and drawing</li></ul>

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**CLASS: - S.Y.B.A.GEOGRAPHY**  
**Sub:- Agriculture Geography of India**

**PAPER.NO:- 3**  
**SEMESTER 4<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
6	NOV.21	<ul style="list-style-type: none"><li>• Definition, nature and scope of agricultural geography</li><li>• Approaches: regional approach, systematic approach, commodity approach, recent approaches</li><li>• Importance of agriculture in Indian economy</li><li>• Factors influencing agriculture in India</li><li>• India a agro-product exporting country</li></ul>
7	DEC.21	<ul style="list-style-type: none"><li>• Salient features of Indian agriculture</li><li>• Types of farming in India</li><li>• Major crops of India</li><li>• Agro- climatic regions of India</li><li>• Problems associated with Indian agriculture ( Natural, Socio-Economic and Political)</li></ul>
8	JAN.22	<ul style="list-style-type: none"><li>• Introduction of Green Revolution in India</li><li>• Unit's of Green Revolution</li><li>• Positive impacts of Green Revolution</li><li>• Negative impacts of Green Revolution</li><li>• Need for sustainable agriculture in India</li><li>• Agriculture in drought prone region and watershed management</li></ul>
9	FEB.22	<ul style="list-style-type: none"><li>• White revolution and livestock resources,</li><li>• Genetic engineering, tissue culture and horticulture</li><li>• Poly house agriculture</li><li>• Agro processing in India</li><li>• Agro-tourism</li><li>• Agro forestry</li></ul>
10	MARCH 22	<ul style="list-style-type: none"><li>• Interpretation/ question- answer on thematic maps related to agriculture of India ( NATMO and other )</li><li>• Drawing of Statistical Diagrams and Graphs: Simple line graphs, multiple line, simple bar, compound bar and band graph</li></ul>

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**CLASS:- T.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 4**

**Sub: - GEOGRAPHY OF SETTLEMENT**

**SEMESTER 5<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
1.	JUNE 21	1.1 Settlement geography: definitions, nature and scope 1.2 Settlement types, their characteristics and differences 1.3 Factors influencing growth and distribution of settlements 1.4 Importance of settlement studies in geography
2.	JULY 21	2.1 Origin and growth of settlements - evolution of rural settlements 2.2 Site and situation of rural settlements 2.3 Classification of rural settlements on the basis of population and Patterns 2.4 Classification of rural settlements on the basis of spacing and functions
3.	AUG. 21	3.1 Distribution and density of rural settlements in India 3.2 Structure of house and building materials in India 3.3 Regional variations in rural settlement patterns in India 3.4 Morphology of rural settlement in India
4.	SEPT. 21	4.1 Origin and growth of urban settlements 4.2 Classification of urban settlements on the basis of culture and functions 4.3 Hierarchy of urban Settlement: rank size rule and primate city 4.4 Ashok Dutts's models of South Asian city: port city and bazaar city
5.	OCT. 21	5.1 Urbanisation in India: Trends, patterns and types of towns 5.2 Morphology of urban settlements in India (With reference to a port and inland city) 5.3 Urban problems in Indian cities 5.4 Smart city: Concept, need and implementation in India

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**CLASS:- T.Y.B.A.GEOGRAPHY**

**SEMESTER 6<sup>th</sup>**

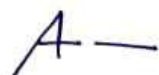
**Sub:- GEOGRAPHY OF MAHARASHTRA**

**PAPER.NO:- 4**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
6	NOV. 21	1.1 Location, extent and boundaries 1.2 Administrative setup and divisions 1.3 Relief and climate 1.4 Drainage system
7	DEC. 21	2.1 Soils 2.2 Natural vegetation 2.3 Minerals 2.4 Power resources
8	JAN. 22	3.1 Population growth 3.2 Distribution –urban-rural and population density 3.3 Structure of population : Age-sex 3.4 Occupational structure of population
9	FEB. 22	4.1 Salient features of agriculture 4.2 Agricultural regions, recent issues and policies 4.3 Fisheries, recent issues and policies 4.4 Livestock resources recent issues and policies
10	MARCH 22	5.1 Major industrial regions 5.2 Role of transport in industrial development 5.3 Industrial issues and policies 5.4 Trade and transport

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**CLASS: - T.Y.B.A. GEOGRAPHY**

**PAPER.NO:- 5**

**Sub:-ENVIRONMENTAL GEOGRAPHY**

**SEMESTER 5<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
1.	JUNE 21	<b>Introduction to Environmental Geography</b> 1.1 Environmental Geography: Definition, Nature, Scope and Importance 1.2 Environment: Meaning, Factors and Types 1.3 Approaches to the Study of Man – Environment Relationship 1.4 Changing Man - Environment Relationship in Historical Perspective
2.	JULY 21	<b>Ecosystem</b> 2.1 Meaning and Structure of Ecosystem 2.2 Ecological Pyramids and Productivity of Ecosystem 2.3 Functions of Ecosystem: Food Chain & Web, Energy Transfer, Biogeochemical Cycles 2.4 Types of Ecosystems: Aquatic, Terrestrial, and Aqua-Terrestrial Ecosystems
3.	AUG. 21	<b>Biodiversity</b> 3.1 Biodiversity: Concept, Types and Distribution 3.2 Biodiversity Hotspots: Concept, and Distribution in India with Special Reference Western Ghats 3.3 Threat to Biodiversity: Causes 3.4 Conservation of Biodiversity and Management of Biological Reserves
4.	SEPT. 21	<b>Environmental Challenges in India</b> 4.1 Air pollution and Water Pollution: Cases and Effects 4.2 Land and Noise Pollution: Cases and Effects 4.3 Environmental Issues Related to High/large Dams 4.4 Major environmental Movements in India
5.	OCT. 21	<b>Sustainable Development and Environmental Management</b> 5.1 Concepts and Need of Sustainable Development and Environmental Management 5.2 Eco-friendly Lifestyle and Need of Environmental Education 5.3 Biosphere Reserves and Wildlife Management in India 5.4 Environmental Impact Assessment

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**CLASS: - T.Y.B.A.GEOGRAPHY**

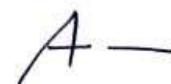
**PAPER.NO:- 5**

**Sub: - GEOGRAPHY OF TOURISM AND RECREATION**

**SEMESTER 6<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
6	NOV. 21	<b>Introduction to Tourism Geography</b> 1.1 Definition , Nature and Scope 1.2 Trends of Tourism Development in World 1.3 Factors of Tourism Development - Geographical Unit's 1.4 Factors of Tourism Development - Socio-cultural and political
7	DEC. 21	<b>Types &amp; Impact of Tourism</b> 2.1 Types of Tourism, 2.2 New Trends in Tourism, 2.3 Positive impact of Tourism on Environment, Socio-culture and Economy 2.4 Negative Impact of Tourism on Environment, Socio-culture and Economy
8	JAN. 22	<b>Infrastructure of Tourism and Ancillary Services</b> 3.1 Accommodation 3.2 Transportation 3.3 Travel Agencies and Tour Guide 3.4 Documentation and Ticketing
9	FEB. 22	<b>Planning of Tourism and Organisation</b> 4.1 Need of Planning and Elements of Planning 4.2 Levels of Planning 4.3 Tourism Organizations - IATA, PATA, I.T.D.C. and M.T.D.C 4.4 Incredible India campaign
10	MARCH 22	<b>Potential Tourism Sectors in Maharashtra and Tourism Policy</b> 5.1 Coastal tourism in Maharashtra 5.2 Adventure tourism in Sahyadri 5.3 Heritage tourism in Maharashtra 5.4 Tourism Policy of Maharashtra State

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**CLASS: - T.Y.B.A. GEOGRAPHY**

**PAPER.NO:- 6**

**Sub: - TOOLS AND TECHNIQUES IN GEOGRAPHY FOR  
SPATIAL ANALYSIS-I**

**SEMESTER 5<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
1.	JUNE 21	<b>Map Projections</b> 1.1. Basic Concepts – Definition, scale, direction, azimuth, graticule, great circle, true meridian, types of projections, choice of projections 1.2. Zenithal Polar Projections – Equal Area, Equidistant 1.3. Cylindrical Projections - Equal Area, Equidistant 1.4. Conical Projections - One standard parallel, two standard parallel
2.	JULY 21	<b>Map Basic</b> 2.1. Basic elements of map and calculation or identification of relief, direction, bearing and distance 2.2. Area calculation with square method and strip method 2.3. Demarcation of watershed on toposheet, Tracing of stream network and contours
3.	AUG. 21	<b>Survey of India Toposheets</b> 3.1. Signs and symbols, marginal information 3.2. Study of physiography, drainage and vegetation (one full toposheet of hilly and plateau region each) 3.3. Study of settlements – size, pattern, utilities (one full toposheet of plains and urban region each) 3.4. Study of transport network (one full toposheet of plains and urban area each)
4.	SEPT. 21	<b>Preparation of Thematic maps (Manually)</b> 4.1. Preparation of a district thematic maps with actual data- Dot and Pictogram 4.2. Preparation of a district thematic maps with actual data- Choropleth and Isopleth 4.3. Preparation of a district thematic maps with actual data- Located bar, located circle and pie chart
5.	OCT. 21	<b>Use of computers in geographical data representation</b> 5.1. Construction of line graphs & simple and multiple bar graphs using MS-excel 5.2. Construction of divided bar graphs & pie charts using MS-excel 5.3. Preparation of datasheet in SPSS 5.4. Calculation of central tendency and standard deviation using SPSS

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**CLASS: - T.Y.B.A.GEOGRAPHY**

**PAPER.NO:- 6**

**Sub: - TOOLS AND TECHNIQUES IN GEOGRAPHY FOR  
SPATIAL ANALYSIS-II**

**SEMESTER 6<sup>th</sup>**

SR.NO.	MONTH	TOPIC & SUB-TOPICS
6	NOV. 21	<b>Nature of data and central tendency</b> 1.1. Meaning and types of data, variable, observation, observation value, simple, discrete data and continuous data 1.2. Frequency Distribution, Histogram, Frequency Polygon and Ogive 1.3. Measures of Central Tendency- mean, median and mode
7	DEC. 21	<b>Dispersion and Deviation</b> 2.1. Mean Deviation and Quartile Deviation 2.2. Standard Deviation 2.3. Moving Averages (3 years and 5 years)
8	JAN. 22	<b>Correlation, Regression &amp; Hypothesis Testing</b> 3.1. Calculation of correlation coefficient - Pearson's and Spearman's methods 3.2. Regression analysis 3.3. Chi square test
9	FEB. 22	<b>Sampling</b> 4.1. Sample and sample design in geography 4.2. Point sampling –Systematic and random 4.3. Line sampling – Systematic and random 4.4. Area sampling – Systematic and random
10	MARCH 22	<b>Field work in Geography of any one place/village</b> 5.1. Collection of <b>physiographic data</b> – Field observation, field sketching, collection of soil and rock samples, identification of vegetation etc. 5.2. Collection of <b>socio-economic data</b> – interviews, questionnaire survey, visit to local governing office, NGO's etc. 5.3. Collection of <b>geospatial data</b> – toposheets, aerial photographs, Google images/maps, Bhuvan images etc.

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