

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

YEARLY TEACHING PLAN- 2017-18

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

PAPER.NO:- 1

Sub:-PHYSICAL GEOGRAPHY - I

SEMESTER 1st

Sr.NO	Month	Topic &Sub-topic
1.	JUNE 17	Interior of the Earth. Definition & meaning of Geomorphology – Composition and Structure of the Interior of the Earth – Rocks and Minerals – Wegner’s Continental Drift Theory – Theory of Plate Tectonics.
2.	JULY 17	Endogenic Processes Movements of the Earth’s Crust – Diastrophic Movements : Folding and Faulting – Catastrophic Movements : Volcanoes and Earthquakes – Examples from the World and India
3.	AUGUST 17	Exogenic Processes – I Weathering ,Erosion and Mass Wasting - Fluvial and Glacial Landforms (Erosional and Depositional)
4.	SEPTEMBER 17	Exogenic Processes – II Aeolian Landforms - Costal Landforms - Karst Landforms (Erosional and Depositional)
5.	OCTOBER 17	Practical’s : Concept of Conturs – Calculation of gradient , Drawing of section to depict Contour Landforms - Indivisibility

Ppt, Maps, Charts, Lecture and Video methods are used to teach the various above unit’s .



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PAPER.NO:- 1

Sub:-PHYSICAL GEOGRAPHY - II

SEMESTER 2nd

Sr.NO	Month	Topic &Sub-topic
6	NOVEMBER 17	Atmospheric layers, Vertical and horizontal distribution of temperature, Insolation – factors affecting distribution of temperature, Pressure and Wind belts- Distribution, Local winds, Monsoon and Planetary winds
7	DECEMBER 17	Humidity, Condensation and Precipitation- Types and Distribution
8	JANUARY 18	Ocean relief features – Bottom relief features of the Pacific Ocean Salinity and its distribution
9	EBRUARY 18	Tides – Causes, Types and Effects Ocean currents –Formation and Effects Ocean currents of the Atlantic Ocean
10	MARCH 18	Practical: Signs and Symbols used in Weather maps Weather instruments: Thermometer, Barometer, Wind Vane, Anemometer, Hygrometer, Rain gauge- (Diagrammatic representation, working and uses of these instruments)

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

PAPER.NO:- 2

Sub: - Introduction to Climatology

SEMESTER 3rd

Sr.NO	Month	Topic & Sub-topic
1.	JUNE 17	<ul style="list-style-type: none">• Introduction to Climatology -• Definition, nature, scope and branches of climatology• Practical
2.	JULY 17	<ul style="list-style-type: none">• Concept and elements of weather and climate• Composition and structure of atmosphere• Insolation: Vertical and horizontal distribution of temperature• Practical
3.	AUGUST 17	<ul style="list-style-type: none">• Air pressure: Influencing factors – Tricellular model• Horizontal distribution of air pressure• Wind: Types of winds – global, regional and local• Upper air circulation – jet stream (concept, origin and effects)• Practical
4.	SEPT. 17	<ul style="list-style-type: none">• Humidity: Types - absolute, relative and specific• Condensation and its forms• Precipitation and its types• Global distribution of rainfall• Practical
5.	OCT.- 17	<ul style="list-style-type: none">• Cyclones: tropical and temperate• Anti-cyclones and tornados• El Nino and Indian monsoon• Global warming and climate change• Practical

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

PAPER.NO:- 2

Sub: - Introduction to Oceanography

SEMESTER 4th

Sr.NO	Month	Topic &Sub-topic
6	NOVEMBER 17	<ul style="list-style-type: none">• Origin and Development of Oceanography• Oceanography : meaning, definition, nature and scope• Branches of oceanography: physical chemical and biological• Major Oceans and its characteristic features
7	DECEMBER 17	<ul style="list-style-type: none">• Ocean floor and its characteristics• Composition of ocean water• Factors affecting ocean water temperature• Vertical and horizontal distribution of ocean temperature• Factors affecting salinity of ocean water• Vertical and horizontal distribution of oceanic salinity
8	JANUARY 18	<ul style="list-style-type: none">• Waves- Formation and types• Tsunami and their effects on coast• Concept and types of Tides• Equilibrium theory of Tides• Ocean Currents – types and their effects
9	FEBRUARY 18	<ul style="list-style-type: none">• El- Niño and La-Niña phenomenon• Coral reefs and their importance• Marine Ecosystem• Marine pollution• Oceans and global climate change
10	MARCH 18	<ul style="list-style-type: none">• Map filling : Related to Oceanography• Reading and Interpretation of navigation charts and bathymetric maps

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

PAPER.NO:- 3

Sub:- Physical Geography of India

SEMESTER 3rd

Sr.NO	Month	Topic &Sub-topic
1.	JUNE 17	<ul style="list-style-type: none">• India: Location , extent and significance• India: Major physiographic divisions and their formation• Mountainous region of India• North Indian plains• Peninsular plateau of India• Coastal plains and islands of India
2.	JULY 17	<ul style="list-style-type: none">• Drainage System in India (Himalayan and Peninsular drainage)• Major Himalayan rivers of India• Major Peninsular Rivers of India• Major lakes of India• Seasons in India• Distribution of rainfall in India
3.	AUGUST 17	<ul style="list-style-type: none">• Classification of soils of India• Problems associated with soils and its remedies in India• Classification of Forest in India• Importance of Forest in Indian context• Deforestation and measures of forests conservation in India
4.	SEPT. 17	<ul style="list-style-type: none">• Distribution of Metallic Minerals in India: Iron ore, manganese, bauxite, copper and other important minerals• Distribution of Non-Metallic Minerals in India: Mica, limestone, gypsum, clay and other important minerals• Distribution of Power Resources : Coal, mineral oil and natural gas, thorium and uranium• Depletion and conservation of minerals and power resources in India
5.	OCT.- 17	<ul style="list-style-type: none">• Map filling: Showing geographical features in the Map of India (Related to physiography)• Map Scale – Types, Conversion and drawing

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

PAPER.NO:- 3

Sub:- Agriculture Geography of India

SEMESTER 4th

Sr.NO	Month	Topic &Sub-topic
6	NOVEMBER 17	<ul style="list-style-type: none">• Definition, nature and scope of agricultural geography• Approaches: regional approach, systematic approach, commodity approach, recent approaches• Importance of agriculture in Indian economy• Factors influencing agriculture in India• India a agro-product exporting country
7	DECEMBER 17	<ul style="list-style-type: none">• Salient features of Indian agriculture• Types of farming in India• Major crops of India• Agro- climatic regions of India• Problems associated with Indian agriculture (Natural, Socio-Economic and Political)
8	JANUARY 18	<ul style="list-style-type: none">• Introduction of Green Revolution in India• Unit's of Green Revolution• Positive impacts of Green Revolution• Negative impacts of Green Revolution• Need for sustainable agriculture in India• Agriculture in drought prone region and watershed management
9	FEBRUARY 18	<ul style="list-style-type: none">• White revolution and livestock resources,• Genetic engineering, tissue culture and horticulture• Poly house agriculture• Agro processing in India• Agro-tourism• Agro forestry
10	MARCH 18	<ul style="list-style-type: none">• Interpretation/ question- answer on thematic maps related to agriculture of India (NATMO and other)• Drawing of Statistical Diagrams and Graphs: Simple line graphs, multiple line, simple bar, compound bar and band graph

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

PAPER.NO:- 4

Sub: - Geography of Rural Settlement

SEMESTER 5th

Sr.NO	Month	Topic &Sub-topic
1.	JUNE 17	Geography of Rural Settlement – Definition – Nature – Scope – Importance Rural House - Building material and House types - Regional variation- with special reference to India
2.	JULY 17	Factors affecting on Rural Settlements – Physical, Economical, Social, Political, Cultural Types of Rural settlement on the basis of location, pattern, function, spacing Location – Wet point, Dry point Pattern – Liner, Circular, Square, Fan, Net/Reticulum, Star/Radial, Arrow, Terrace pattern Function – Agriculture, Fishing, Lumbering, Mining Spacing - Compact, Scattered
3.	AUGUST 17	Hierarchy of Rural settlement- Farm village, Hamlets, Village, Weekly market centre- Town Settlement pattern in Old & New World – Old world (Farm village, Forest village) New world – (Mining village, Transport village, Tourist village)
4.	SEPTEMBER 17	Changing pattern of Rural Land use – (Special Reference of local village) Sustainable development of rural settlement
5.	OCTOBER 17	Integrated Rural Development Programme – Nature, Programme, Main section Self-Employment Programme – Problems of implementation - remedies

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

SEMESTER 6th

Sub:- Geography of Urban Settlement

PAPER.NO:- 4

Sr.NO	Month	Topic &Sub-topic
6	NOVEMBER 17	Geography of Urban Settlement – Definition – Nature – Scope – Importance Urban Characteristics Rural Urban Fringe
7	DECEMBER 17	Factors affecting on Urbanization – Physical, Economical Growth of world urbanization Problems in urbanization - Solutions - Planning Sustainable development of Towns
8	JANUARY 18	Types of Urban Settlement on the basis of population – Town, City, Metropolitan city, Megalopolis, Conurbation Location – Coastal, Nodal, Continental Pattern - Liner, Circular, Square, Fan, Net/Reticulum, Star/Radial, Arrow pattern Function – Industrial, Educational, Administrational, Regional, Tourism, Cultural, Commercial, Transportation
9	FEBRUARY 18	Trends of urbanization – Ancient Towns, Medieval, Post industrialization Main Cities in India and their patterns (Delhi, Mumbai, Kolkata, Chennai)
10	MARCH 18	Theories of Urban Growth – Central Place Theory Concentric Zone Theory The Sector Model The Multiple Nuclei Model

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

PAPER.NO:- 5

Sub:-ENVIRONMENTAL GEOGRAPHY

SEMESTER 5th

Sr.NO	Month	Topic &Sub-topic
1.	JUNE 17	Introduction to Environmental Geography Definition, Nature & Scope of Environmental Geography, Factors of environment: Natural and Man-made, Man- Environment relationship, Need & Importance of Environmental Geography Ecosystem Meaning, Unit's & Function, Bio-geo-chemical cycles: Hydrological, Carbon and Nitrogen -Types of ecosystem: Forest, Grassland, Desert, Fresh water and Marine
2.	JULY 17	Natural Resources Concept of Resources, Classification, Environmental problems associated with Forest, Water and Minerals - Conservation of resources/Sustainable use of resources. Bio-diversity Concept, Types, Hotspots of Bio-diversity, Biodiversity in India with emphasis on Western Ghats,
3.	AUGUST 17	Pollution Concept, types, causes, impacts and measures of air, water, land and noise
4.	SEPTEMBER 17	Sustainable Development Concept and Need of Sustainable Development, Environmental Issues and Sustainable Development, Sustainable Agriculture, Energy crisis - Eco-friendly life style
5.	OCTOBER 17	Environmental Issues and Movements Natural issues: Global warming, Ozone depletion, Manmade issues: acid rain, nuclear accident -Development projects and displacement of people - Environmental movements in India with special reference to Maharashtra

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

PAPER.NO:- 5


Sub: - GEOGRAPHY OF TOURISM

SEMESTER 6th

Sr.NO	Month	Topic &Sub-topic
6	NOVEMBER 17	Nature and Scope of Tourism Geography i- Definition ii- Nature and Scope iii-Geography and Tourism iv-Development of Tourism v –Role of Tourism in National Economy
7	DECEMBER 17	Types and Classification of Tourism i –Types of Tourism ii- New Trends in Tourism iii-Classification of Tourism
8	JANUARY 18	Factors and Impact of Tourism i- Physical Factors ii-Economic Factors iii-Socio-Cultural Factors iv-Economic Impact v- Social Impact vi-Environmental Impact
9	FEBRUARY 18	Infrastructure and Support Services i- Transportation ii-Accommodation iii-Tourism Organizations iv-Agencies and Guides
10	MARCH 18	Tourism Resources in India and Maharashtra i- Geographical ii- Historical iii-Religious iv- Cultural

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

PAPER.NO:- 6

Sub: - Topo map and Thematic map Interpretation

SEMESTER 5th

Sr.NO	Month	Topic &Sub-topic
1.	JUNE 17	Map-Basic Concept of Map, basic unit's of map, types of maps, methods of enlargement and reduction of maps- location, distance, directions - area calculation (graphical and strip method)
2.	JULY 17	Map Projections Concept, need, classification and suitability, construction and properties: Graphical methods of drafting selected projections: Zenithal polar equal area, Zenithal equidistant, Conical one standard parallel, Conical two standard parallel, Cylindrical equal area, Cylindrical equidistant
3.	AUGUST 17	Interpretation of Topographical Maps Definition of Topographical maps, methods of showing relief and landforms, topographical map index, colour scheme used in topographical maps, conventional signs and symbols- interpretation of map : a) S.O.I. Topographical Maps, Utility of topographical maps in geographical analysis
4.	SEPTEMBER 17	Interpretation of Thematic Maps Concept, Distinguishing characteristics; various categories of thematic maps, reading and interpretation, utility of thematic maps, techniques of representation of the theme, interpretation and appreciation
5.	OCTOBER 17	Interpretation of Weather Maps and Graphs Line and bar graph, Climograph, Hythergraph and Wind rose, Weather maps: Reading and interpretation

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

PAPER.NO:- 6

Sub: - Statistical Techniques, Computer
and Surveying

SEMESTER 6th

Sr.NO	Month	Topic &Sub-topic
6	NOVEMBER 17	Need and Importance of the statistical techniques Nature of the statistical data Frequency distribution Measures of central tendency – Mean Median & Mode
7	DECEMBER 17	Measures of dispersion – Range, Quartile Deviation, Mean deviation, Standard deviation Moving average Area mean
8	JANUARY 18	Correlation & Regression x2 test Introduction to SPSS package
9	FEBRUARY 18	COMPUTER IMPORTANCE & USE OF COMPUTER BASIC TERMS RELATED TO COMPUTER MS WORD, MS EXCEL USE OF INTERNET
10	MARCH 18	SURVEYING Plane Table Survey Prismatic Compass Survey Abney level or Clinometer

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