

Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr.Govardhan Subhash Ubale**


Programme- B.A. Semester – I

Subject:- Geography Course Title: **Physical Geography**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Physical Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Importance➤ New Trends
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Lithosphere	<ul style="list-style-type: none">➤ Origin of the Earth➤ Origin of the Solar system➤ Formation of Surface- Forces➤ Theories- Wagner’s, Plate tectonic theory
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Climate	<ul style="list-style-type: none">➤ Introduction➤ Factors of Weather➤ Classification➤ Indian Monsoon➤ Importance
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Practical – Google Earth- Point, Line, Polygon,	<ul style="list-style-type: none">➤ Introduction to google earth➤ Map making➤ Creation of Point➤ Creation of Line➤ Creation of Polygon
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I,II,III & IV	Revision
16	-	16		

Name and Signature of Teacher




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Name of the teacher: **Dr.Govardhan Subhash Ubale**


Programme- B.A. Semester – II

Subject:- Geography Course Title: **Human Geography**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Human Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Importance➤ New Trends
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Human Races	<ul style="list-style-type: none">➤ Evaluation of the Human Races➤ Factors of the Human Races➤ Classification of Human Races➤ Major Races in the World
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Distribution of Population	<ul style="list-style-type: none">➤ Population Growth of the world➤ Factors of Distribution of Population➤ Migration➤ Malthus Theory
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Practical – GIS, GPS	<ul style="list-style-type: none">➤ Introduction to GIS➤ Introduction to GPS
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I to IV Exam	<ul style="list-style-type: none">➤ Revision on Module – I and II➤ Revision on Module – III, IV
16	-	16		

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Name of the teacher: **Dr.Govardhan Subhash Ubale**


Programme- B.A. Semester – III

Subject:- Geography Course Title: **Resource Geography**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Resource Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Importance➤ Classification of the Resources
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Minerals and Energy Resources	<ul style="list-style-type: none">➤ Imp. Of the Minerals➤ Iron Ore, Bauxite➤ Coal and Petroleum product➤ Conventional Energy– Solar, Wind
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Natural Vegetation	<ul style="list-style-type: none">➤ Importance➤ Types of the natural vegetation➤ Distribution in India
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Practical – Geography	<ul style="list-style-type: none">➤ Proportional Circles➤ Dot Map➤ Choroplath Map➤ Isotherms Map
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I,II,III & IV	Revision

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Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr.Govardhan Subhash Ubale**


Programme- B.A. Semester – IV

Subject:- Geography Course Title: **Agricultural Geography**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Agricultural Geography	<ul style="list-style-type: none"> ➤ Introduction ➤ Definition ➤ Nature ➤ Scope ➤ Importance ➤ Evaluation of Agriculture
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Theories of Land Utilization	<ul style="list-style-type: none"> ➤ Classification of Agri. Systems ➤ Major Agri. Systems in India
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – New Concepts in Modern Agricultural Practice	<ul style="list-style-type: none"> ➤ Agricultural regionalization ➤ Crop Combination, Crop Diversification ➤ Problems & Solutions ➤ Green Revolution, Organic Farming
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Important Agricultural Documents	<ul style="list-style-type: none"> ➤ 7/12 , 8A ➤ Importance of Land Revenue ➤ Agri. News
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I to IV Exam	<ul style="list-style-type: none"> ➤ Revision on Module – I and II ➤ Revision on Module – III, IV
16	-	16		

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Name of the teacher: **Dr. Govardhan Subhash Ubale**

Programme- B.A. Semester – III

Subject:-IDS - Geography Course Title: **Geography of Tourism - I**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Resource Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Historical Development➤ Importance
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Factors of Tourism	<ul style="list-style-type: none">➤ Geographical➤ Social➤ Cultural➤ Others
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Classification and Trend of Tourism	<ul style="list-style-type: none">➤ Classifications of the Tourism➤ New Trends
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Impact of Tourism	<ul style="list-style-type: none">➤ On Economic Factor➤ On Social and Cultural Factors➤ On Environment➤ Sustainable Development
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I,II,III & IV	Revision

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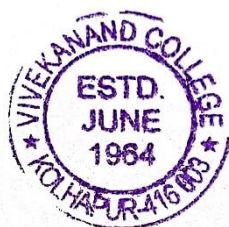
Name of the teacher: **Dr. Govardhan Subhash Ubale**


Programme- B.A. Semester – IV

Subject:- Geography Course Title: **IDS Development and Planning of Tourism**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – DEVELOPMENT AND PLANNING OF TOURISM IN INDIA	<ul style="list-style-type: none">➤ 1.1 Tourism in ancient period➤ 1.2 Tourism in modern period➤ 1.3 Role of tourism in national economy➤ 1.4 Tourism planning in India
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – TOURISM CENTERS IN INDIA	<ul style="list-style-type: none">➤ 2.1 Natural tourism centers in India➤ 2.2 Religious tourism centers in India➤ 2.3 Cultural tourism centers in India➤ Historical tourism centers in India
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – DEVELOPMENT AND PLANNING OF TOURISM IN MAHARASHTRA	<ul style="list-style-type: none">➤ Development of tourism in Maharashtra➤ 3.2 Planning of tourism in Maharashtra
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – RECENT TRENDS IN TOURISM IN KOLHAPUR DISTRICT	<ul style="list-style-type: none">➤ Historical tourism centers in Kolhapur➤ 4.2 Religious and cultural tourism centers in Kolhapur➤ 4.3 Agricultural and Medical tourism centers in Kolhapur
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I to IV Exam	<ul style="list-style-type: none">➤ Revision on Module – I and II➤ Revision on Module – III, IV
16	-	16		

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Name of the teacher: **Dr. Govardhan Subhash Ubale**

Programme- B.A. Semester – V

Subject:- Geography Course Title: **Population Geography**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Population Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Importance
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Population Characteristics	<ul style="list-style-type: none">➤ World Population Growth➤ Population Distribution of the world➤ Population of India
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Population Theories	<ul style="list-style-type: none">➤ Demographic Transition Theory➤ Population Growth Theory
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Migration and Population Problems	<ul style="list-style-type: none">➤ Migration- Causes, effects➤ Migration- Types➤ Over Population Problems
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I,II,III & IV	Revision

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Name of the teacher: **Dr. Govardhan Subhash Ubale**

Programme- B.A. Semester – VI

Subject:- Geography Course Title: **Economic Geography**

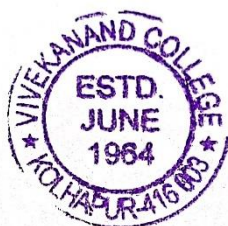
Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Economic Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Importance
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Economic Activities Minerls	<ul style="list-style-type: none">➤ Eco- Activities➤ Agriculture➤ Industrial➤ Mining➤ Iron ore, Bauxite, Coal
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Industries	<ul style="list-style-type: none">➤ Steel Industry➤ Automobile Industry➤ Sugar Industry
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Transportation	<ul style="list-style-type: none">➤ Transport- Importance➤ Road Network➤ Rail ways➤ Air ways➤ Sea routs
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I to IV Exam	<ul style="list-style-type: none">➤ Revision on Module – I and II➤ Revision on Module – III, IV
16	-	16		

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Name of the teacher: **Dr. Govardhan Subhash Ubale**

Programme- B.A. Semester – V

Subject:- Geography Course Title: **Practical Geography I & II**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Scale	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Types➤ Importance
--	32	32		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I- Introduction To scale	<ul style="list-style-type: none">➤ Preparation of scale➤ Conversion of scale➤ Graphical Scale
--	32	32		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Cartographic Techniques	<ul style="list-style-type: none">➤ Importance➤ Types
--	32	32		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II– Cartographic Techniques	<ul style="list-style-type: none">➤ One Dimensional➤ Two Dimensional➤ Three Dimensional
--	32	32		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I & II	Revision

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Programme- B.A. Semester – VI

Subject:- Geography Course Title: **Practical Geography I & II**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Statistical Techniques	<ul style="list-style-type: none">➤ Introduction➤ Data Types➤ Mean, Median, Mode➤ Deviation➤ Karl Pearsons Method
--	32	32		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Statistical Techniques	<ul style="list-style-type: none">➤ Introduction➤ Data Types➤ Mean, Median, Mode➤ Deviation➤ Karl Pearsons Method
--	32	32		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project writing	<ul style="list-style-type: none">➤ Problem Finding➤ Project Design➤ Questionnaire➤ Surveying
--	32	32		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Tour Report	<ul style="list-style-type: none">➤ Planning➤ Tour➤ Project
--	32	32		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – V Surveying	<ul style="list-style-type: none">➤ Meaning, Types➤ Importance➤ Plane Table Survey➤ Prismatic Survey
--	32	32		

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Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – I

Subject: - Geography Course Title: **Physical Geography**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Human Geography	<ul style="list-style-type: none">• Introduction• Definition• Scope• Importance• New Trends
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Lithosphere	<ul style="list-style-type: none">• History of Evaluation of the Earth• The Earth Interior: Composition and Structure• Wegener's Theory of Continental Drift• Plate Tectonic Theory
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- III – Distribution of Population	<ul style="list-style-type: none">• Population Growth of the world• Factors of Distribution of Population• Migration• Malthus Theory
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none">• Introduction to GIS: Meaning, Definition, Elements & Application• GPS: Meaning, Elements & Applications
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module-I to IV	Revision
16	-	16		

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Annual Teaching Plan

Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – II

Subject:- Geography Course Title: **Human Geography**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Human Geography	<ul style="list-style-type: none">• Introduction• Definition• Scope• Importance• New Trends
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Human Races	<ul style="list-style-type: none">• Human Evolution: Stages & Processes• Human Race: Meaning, & Definition• The Bases of Racial Classification• Major Racial Groups of the World
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- III – Distribution of Population	<ul style="list-style-type: none">• Population Growth of the world• Factors of Population Distribution• Migration• Malthus Theory
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical(Theory only)	<ul style="list-style-type: none">• Introduction to Google Earth• Application of Google Earth<ul style="list-style-type: none">i. Point, Line & Polygonii. Landscape: Area Measurement
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Revision of Module-I to IV	<ul style="list-style-type: none">➤ Revision on Module – II➤ Revision on Module – IV
16	-	16		

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Annual Teaching Plan

Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – III

Subject: - Geography Course Title: **Soil Geography**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Soil Geography	<ul style="list-style-type: none">• Definition and Scope of Soil Geography• History of Soil Geography and Paedology• Approaches in Soil Geography• Significance of Soil Geography
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II- Soil: Formation & Properties	<ul style="list-style-type: none">• Soil as a resource• Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor• Process of Soil Formation: Physical, Biotic and Chemical• Properties of Soil: Physical & Chemical
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- III – Soils: Classifications, Distribution & Management	<ul style="list-style-type: none">• Genetic Classification of Soils• Major Soils Distribution in Maharashtra.• Soil Degradation: Concept, Causes, consequences and Measures Soil Management: Need and Method
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none">• Soil Profile• Soil Sample: Tools• Soil Analysis• Soil Mapping
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module-I, II, III & IV	Revision



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Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – IV

Subject:- Geography Course Title: **Oceanography**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Oceanography	<ul style="list-style-type: none">• Definition, Nature and Scope of Oceanography• Oceanography and Physical Sciences• Branches of Oceanography• Significance of Oceanography
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II- Properties & Dynamics of Ocean	<ul style="list-style-type: none">• Oceanic Properties: Ocean Temperature and Salinity• Oceanic Movements: Waves, Tides, Currents (Pacific, Atlantic and Indian Ocean)
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- III – Applied Oceanography	<ul style="list-style-type: none">• Ocean or Marine deposits: Sources and Classification• Ocean Resources: Biotic, Mineral and Energy Resources Ocean Pollution: Causes, Effects and Measures
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none">• Hypsographic Curve• Wind rose• Isohalines• Isotherms
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Revision on Module – I to IV Exam	
16	-	16		

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Academic Year – 2023-24

Annual Teaching Plan

Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – V

Subject: -Geography Course Title: **Geography of India**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Physical Profile of India	Location (Absolute and Relative) 1.2 Physiographic Divisions (Characteristics and Importance)
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Physical Profile of India	1.3 Climate: Summer, Rainy and Winter Season in India (Weather conditions and Characteristics) 1.4 Major Drainage Systems: Characteristics and Importance a) Northern River System (Sindhu, Ganga and Brahmaputra) b) Southern River System (Godavari, Krishna, Cavery)
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II- Soils & Forests	2.1 Major soil types Characteristics and Importance 2.2 Soil degradation and soil conservation in India.
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II- Soils & Forests	2.3 Major Forest types Characteristics and Importance 2.4 Deforestation and conservation of forests in India
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module-I, II, III & IV	Revision

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Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – VI

Subject: - Geography Course Title: **Urban Geography**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Urban Geography	1.1 Urban Geography: Meaning and Definitions 1.2 Nature and Scope of Urban Geography
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Urban Geography	1.3 Approaches of Urban Geography 1.4 Significance of Urban Geography
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II- Urbanization	2.1 Site and Situation: Significance and Types 2.2 Concept and Factors of Urbanization
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II- Urbanization	2.3 Patterns of Urbanization in developed and developing countries. 2.4 Functional classification of cities (Quantitative and Qualitative).
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Revision on Module – I to IV Exam	Revision on Module – I and II
16	-	16		

Name and Signature of Teacher

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Department of Geography

Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – V

Subject:- Geography Course Title: Practical Geography I - Fundamentals of Map Making and Map Interpretation

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II Map Projection	1.1 Map 1.1.1 Map – Definition, Elements
--	32	32		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II Map Projection	1.1.2 Classification of Maps: Based on Scale and Purpose
--	32	32		
--	32	32		
Month - October			Module/Unit:	Sub-units planned
	32	32	Module- II Map Projection	1.2 Scale 1.2.1 Meaning and Definition 1.2.2 Methods of Representation of Scale - Verbal, Numerical and Graphical. 1.2.3 Scale Conversion
Month - November			Module/Unit:	Sub-units planned
	32	32	Module- II Map Projection	1.2.4 Construction of Graphical Scale – i) Simple (Plane Scale) ii) Time and Distance Scale iii) Diagonal Scale
16	-	16	Module- II	Revision

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Department of Geography

Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr. Shubhangi Suresh Kale**

Programme- B.A. Semester – VI

Subject: - Geography Course Title: Practical Geography II -Advanced Tools, Techniques and Field Work

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Computer	1.1: Introduction to Computer 1.2: Application of computer in geography 1.2.1: Construction of Line Graphs, Bar Graphs 1.2.2: Construction of Pie Diagram and Scatter Diagram. 1.3: Application of Excel for Data Analysis
--	32	32		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Remote Sensing	2.1 Definitions of Remote Sensing. 2.2 Fundamentals of Remote Sensing: EMR, Sensors and Platforms. 2.3 Application of Remote Sensing in Geography. 2.4 Aerial photographs and Satellite imagery: Definition, types and difference between them. 2.5 Determination of Photo Scale 2.6. Elements of Image Interpretation 2.7 Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery
--	32	32		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Project writing	<ul style="list-style-type: none">• Problem Finding• Project Design• Questionnaire• Surveying
--	32	32		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Tour Report	<ul style="list-style-type: none">• Planning• Tour• Project
--	32	32		
Month - May			Module/Unit:	Sub-units planned
--	32	32	All	Revision

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Academic Year – 2022-23

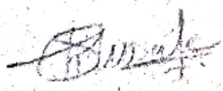
Annual Teaching Plan


Name of the teacher: **Dr Sunil Gunga Bhosale**

Programme- B.A. Semester – I

Subject:- STD Course Title: **Science, Technology & Development - I**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Science, Technology & Development	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Steps➤ Importance➤ Concepts
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Contribution of Scientists	<ul style="list-style-type: none">➤ Newton➤ Einstein➤ Edison➤ Dr. Homibhabha➤ Dr. M.S. Swaminathan➤ Dr. A. P.J. Abdul Kalam
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Science Technology and Human Health	<ul style="list-style-type: none">➤ Human Blood➤ Diet- Need, Balance➤ Covid-19➤ Addictions
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Non-Conventional Power Resources	<ul style="list-style-type: none">➤ Types➤ Solar Energy➤ Wind Energy➤ Hydel Energy➤ Bio Energy➤ Tidal Energy➤ Corban Credits
16	-	16		
Month - December			Module/Unit:	Sub-units planned
16	Practicals	16	Module- I to IV Revision	<ul style="list-style-type: none">➤ - I to IV Revision


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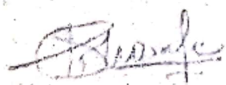
Annual Teaching Plan

Name of the teacher: **Dr. Sunil Gunga Bhosale**

Programme- B.A. Semester – II

Subject:- STD Course Title: **Science, Technology & Development - II**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Disaster Management	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Management➤ Classification➤ Elements of Disaster
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Means of Communication and Information Technology	<ul style="list-style-type: none">➤ History of Communication➤ Information Tech.➤ Computer Network➤ Internet➤ GIS, GPS
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Science, Technology & Agriculture	<ul style="list-style-type: none">➤ Irrigation Tech.➤ Fertilizers➤ HYV➤ Plant Protection➤ Green Revolution➤ Tissue Culture
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Science Tech. Space and Ocean research	<ul style="list-style-type: none">➤ Satellite era➤ Rocket Tech.➤ Indian Space Prog.➤ INO- Ocean Studies
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I to IV Exam	<ul style="list-style-type: none">➤ Revision on Module – I and II➤ Revision on Module – III, IV
16	-	16		



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Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr Sunil Gunga Bhosale**

Programme- B.A. Semester – V

Subject:- Geography Course Title: **Practical Geography I & II**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Daily Weather Report	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Types➤ Importance➤ Reading
--	48	48		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Introduction To scale	<ul style="list-style-type: none">➤ Preparation of scale➤ Conversion of scale➤ Graphical Scale
--	48	48		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Daily Weather Report	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Types➤ Importance➤ Reading
--	48	48		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Introduction To scale	<ul style="list-style-type: none">➤ Preparation of scale➤ Conversion of scale➤ Graphical Scale
--	48	48		



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Department of Geography

Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr Sunil Gunga Bhosale**

Programme- B.A. Semester – VI

Subject:- Geography Course Title: **Practical Geography I & II**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Weather Instruments	➤ Introduction ➤ Types ➤ Rain gauge ➤ Thermometer ➤ Wind rose
--	48	48		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Weather Instruments	➤ Introduction ➤ Types ➤ Rain gauge ➤ Thermometer ➤ Wind rose
--	48	48		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project writing	➤ Problem Finding ➤ Project Design ➤ Questionnaire ➤ Surveying
--	48	48		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Tour Report	➤ Planning ➤ Tour ➤ Project
--	48	48		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – V Surveying	➤ Meaning, Types ➤ Importance ➤ Plane Table Survey ➤ Prismatic Survey
--	48	48		

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Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr. Dhiraj Vilas Patil**

Programme- B.A. Semester – III

Subject:-IDS – Geography Course Title: **Geography of Tourism - I**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Classification and Trend of Tourism	➤ Classifications of the Tourism ➤ New Trends
08	-	08		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Classification and Trend of Tourism	➤ Classifications of the Tourism ➤ New Trends
08	-	08		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Impact of Tourism	➤ On Economic Factor ➤ On Social and Cultural Factors ➤ On Environment ➤ Sustainable Development
08	-	08		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Impact of Tourism	➤ On Economic Factor ➤ On Social and Cultural Factors ➤ On Environment ➤ Sustainable Development
08	-	08		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-,III & IV	Revision



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Department of Geography

Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr. Dhiraj Vilas Patil**

Programme- B.A. Semester – IV

Subject:- Geography Course Title: **IDS Development and Planning of Tourism**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – DEVELOPMENT AND PLANNING OF TOURISM IN MAHARASHTRA	<ul style="list-style-type: none">➤ Development of tourism in Maharashtra➤ 3.2 Planning of tourism in Maharashtra
08	-	08		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – DEVELOPMENT AND PLANNING OF TOURISM IN MAHARASHTRA	<ul style="list-style-type: none">➤ Development of tourism in Maharashtra➤ 3.2 Planning of tourism in Maharashtra
08	-	08		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – RECENT TRENDS IN TOURISM IN KOLHAPUR DISTRICT	<ul style="list-style-type: none">➤ Historical tourism centers in Kolhapur➤ 4.2 Religious and cultural tourism centers in Kolhapur➤ 4.3 Agricultural and Medical tourism centers in Kolhapur
08	-	08		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – RECENT TRENDS IN TOURISM IN KOLHAPUR DISTRICT	<ul style="list-style-type: none">➤ Historical tourism centers in Kolhapur➤ 4.2 Religious and cultural tourism centers in Kolhapur➤ 4.3 Agricultural and Medical tourism centers in Kolhapur
08	-	08		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – III to IV Exam	<ul style="list-style-type: none">➤ Revision on Module – III, IV
08	-	08		

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Department of Geography

Academic Year – 2022-23

Annual Teaching Plan

Name of the teacher: **Dr. Dhiraj Vilas Patil**

Programme- B.A. Semester – V

Subject:- Geography Course Title: **Population Geography**

Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Population Geography	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Nature➤ Scope➤ Importance
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Population Characteristics	<ul style="list-style-type: none">➤ World Population Growth➤ Population Distribution of the world➤ Population of India
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Population Theories	<ul style="list-style-type: none">➤ Demographic Transition Theory➤ Population Growth Theory
16	-	16		
Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Migration and Population Problems	<ul style="list-style-type: none">➤ Migration- Causes, effects➤ Migration- Types➤ Over Population Problems
16	-	16		



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Annual Teaching Plan

Name of the teacher: **Dr. Dhiraj Vilas Patil**

Programme- B.A. Semester – V

Subject:- Geography Course Title: **Practical Geography I & II**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I –Topographical Map	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Types➤ Importance➤ Interpretation
--	32	32		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I –Topographical Map	<ul style="list-style-type: none">➤ Introduction➤ Definition➤ Types➤ Importance➤ Interpretation
--	32	32		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Landform Features	<ul style="list-style-type: none">➤ Importance➤ Types➤ Slope➤ Gradient
--	32	32		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Landform Features	<ul style="list-style-type: none">➤ Importance➤ Types➤ Slope➤ Gradient
--	32	32		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I & II	Revision

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Annual Teaching Plan

Name of the teacher: **Dr. Dhiraj Vilas Patil**

Programme- B.A. Semester – VI

Subject:- Geography Course Title: **Practical Geography I & II**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Surveying	<ul style="list-style-type: none">➤ Introduction➤ Types➤ Instruments➤ Plane Table Survey➤ Prismatic Survey
--	32	32		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Surveying	<ul style="list-style-type: none">➤ Introduction➤ Types➤ Instruments➤ Plane Table Survey➤ Prismatic Survey
--	32	32		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project writing	<ul style="list-style-type: none">➤ Problem Finding➤ Project Design➤ Questionnaire➤ Surveying
--	32	32		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project writing	<ul style="list-style-type: none">➤ Problem Finding➤ Project Design➤ Questionnaire➤ Surveying
--	32	32		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Tour Report	<ul style="list-style-type: none">➤ Planning➤ Tour➤ Project
--	32	32		

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