

# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

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

Programme- B.A. Semester – I

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

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Physical Geography	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Nature</li><li>➤ Scope</li><li>➤ Importance</li><li>➤ New Trends</li></ul>
8	-	8		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Physical Geography	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Nature</li><li>➤ Scope</li><li>➤ Importance</li><li>➤ New Trends</li></ul>
8	-	8		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Climate	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Factors of Weather</li><li>➤ Classification</li><li>➤ Indian Monsoon</li><li>➤ Importance</li></ul>
8	-	8		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Climate	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Factors of Weather</li><li>➤ Classification</li><li>➤ Indian Monsoon</li><li>➤ Importance</li></ul>
8	-	8		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I & III	Revision
8	-	8		



Name and Signature of Teacher



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Department of Geography

Academic Year – 2023-24

### Annual Teaching Plan

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

Programme- B.A. Semester – II

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

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to  Human Geography	<ul style="list-style-type: none"> <li>➤ Introduction</li> <li>➤ Definition</li> <li>➤ Nature</li> <li>➤ Scope</li> <li>➤ Importance</li> <li>➤ New Trends</li> </ul>
8	-	8		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to  Human Geography	<ul style="list-style-type: none"> <li>➤ Introduction</li> <li>➤ Definition</li> <li>➤ Nature</li> <li>➤ Scope</li> <li>➤ Importance</li> <li>➤ New Trends</li> </ul>
8	-	8		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Distribution of Population	<ul style="list-style-type: none"> <li>➤ Population Growth of the world</li> <li>➤ Factors of Distribution of Population</li> <li>➤ Migration</li> <li>➤ Malthus Theory</li> </ul>
8	-	8		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Distribution of Population	<ul style="list-style-type: none"> <li>➤ Population Growth of the world</li> <li>➤ Factors of Distribution of Population</li> <li>➤ Migration</li> <li>➤ Malthus Theory</li> </ul>
8	-	8		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I & III Exam	<ul style="list-style-type: none"> <li>➤ Revision on Module – I</li> <li>➤ Revision on Module – III</li> </ul>
8	-	8		

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## Annual Teaching Plan

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

Programme- B.A. Semester – I

Subject:- Geography Course Title: **Introduction to Physical Geography-Minor**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Physical Geography	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Nature</li><li>➤ Scope</li><li>➤ Importance</li><li>➤ New Trends</li></ul>
8	-	8		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Physical Geography	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Nature</li><li>➤ Scope</li><li>➤ Importance</li><li>➤ New Trends</li></ul>
8	-	8		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Climate	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Factors of Weather</li><li>➤ Classification</li><li>➤ Indian Monsoon</li><li>➤ Importance</li></ul>
8	-	8		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Climate	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Factors of Weather</li><li>➤ Classification</li><li>➤ Indian Monsoon</li><li>➤ Importance</li></ul>
8	-	8		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I & III	Revision
8	-	8		

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## Annual Teaching Plan

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

Programme- B.A. Semester – II

Subject:- Geography Course Title: **Introduction to Human Geography -Minor**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Human Geograph y	➤ Introduction ➤ Definition ➤ Nature ➤ Scope ➤ Importance ➤ New Trends
8	-	8		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Human Geograph y	➤ Introduction ➤ Definition ➤ Nature ➤ Scope ➤ Importance ➤ New Trends
8	-	8		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Distribution of Population	➤ Population Growthof the world ➤ Factors of Distribution of Population ➤ Migration ➤ Malthus Theory
8	-	8		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Distribution of Population	➤ Population Growthof the world ➤ Factors of Distribution of Population ➤ Migration ➤ Malthus Theory
8	-	8		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I & III Exam	➤ Revision onModule – I ➤ Revision on Module – III
8	-	8		

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### Annual Teaching Plan

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

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

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## Annual Teaching Plan

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



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## Annual Teaching Plan

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

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## Annual Teaching Plan

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

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

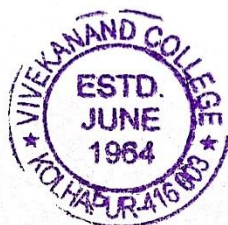


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## Annual Teaching Plan

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

Programme- B.A. Semester – I

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

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Lithosphere	<ul style="list-style-type: none"><li>History of Evaluation of the Earth</li><li>The Earth Interior: Composition and Structure</li></ul>
8	-	8		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Lithosphere	<ul style="list-style-type: none"><li>Wegener's Theory of Continental Drift</li><li>Plate Tectonic Theory</li></ul>
8	-	8		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none"><li>Introduction to GIS: Meaning, Definition, Elements &amp; Application</li></ul>
8	-	8		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none"><li>GPS: Meaning, Elements &amp; Applications</li></ul>
8	-	8		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module-II & IV	Revision
8	-	8		

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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 -Major**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Human Races	<ul style="list-style-type: none"><li>Human Evolution: Stages &amp; Processes</li><li>Human Race: Meaning, &amp; Definition</li></ul>
8	-	8		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Human Races	<ul style="list-style-type: none"><li>The Bases of Racial Classification</li><li>Major Racial Groups of the World</li></ul>
8	-	8		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none"><li>Introduction to Google Earth</li></ul>
8	-	8		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none"><li>Application of Google Earth<ul style="list-style-type: none"><li>i. Point, Line &amp; Polygon</li><li>ii. Landscape: Area Measurement</li></ul></li></ul>
8	-	8		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Revision of Module-II & IV	<ul style="list-style-type: none"><li>➤ Revision on Module – II</li><li>➤ Revision on Module – IV</li></ul>
8	-	8		

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

Programme- B.A. Semester – I

Subject: - Geography Course Title: **Introduction to Physical Geography-Minor**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Lithosphere	<ul style="list-style-type: none"><li>History of Evaluation of the Earth</li><li>The Earth Interior: Composition and Structure</li></ul>
8	-	8		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Lithosphere	<ul style="list-style-type: none"><li>Wegener's Theory of Continental Drift</li><li>Plate Tectonic Theory</li></ul>
8	-	8		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- III – Practical (Theory only)	<ul style="list-style-type: none"><li>Introduction to GIS: Meaning, Definition, Elements &amp; Application</li></ul>
8	-	8		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- III – Practical (Theory only)	<ul style="list-style-type: none"><li>GPS: Meaning, Elements &amp; Applications</li></ul>
8	-	8		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module-I & III	<ul style="list-style-type: none"><li>Sub-units planned</li><li>Revision</li></ul>
8	-	8		

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

Programme- B.A. Semester – II

Subject: - Geography Course Title: **Introduction to Human Geography -Minor**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Human Races	<ul style="list-style-type: none"><li>• Human Evolution: Stages &amp; Processes</li><li>• Human Race: Meaning, &amp; Definition</li></ul>
8	-	8		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Human Races	<ul style="list-style-type: none"><li>• The Bases of Racial Classification</li><li>• Major Racial Groups of the World</li></ul>
8	-	8		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none"><li>• Introduction to Google Earth</li></ul>
8	-	8		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Practical (Theory only)	<ul style="list-style-type: none"><li>• Application of Google Earth</li><li>• Point, Line &amp; Polygon</li><li>• Landscape: Area Measurement</li></ul>
8	-	8		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Revision of Module-II & IV	<ul style="list-style-type: none"><li>• Revision on Module – II</li><li>• Revision on Module – IV</li></ul>
8	-	8		



Name and Signature of Teacher



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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

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

Name and Signature of Teacher



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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

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

Programme- B.A. Semester – IV

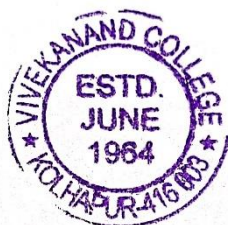
Subject:- Geography Course Title: **Oceanography**

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

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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Department of Geography

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## Annual Teaching Plan

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		

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Department of Geography

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## 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

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## 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"><li>• Problem Finding</li><li>• Project Design</li><li>• Questionnaire</li><li>• Surveying</li></ul>
--	32	32		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- IV – Tour Report	<ul style="list-style-type: none"><li>• Planning</li><li>• Tour</li><li>• Project</li></ul>
--	32	32		
Month - May			Module/Unit:	Sub-units planned
--	32	32	All	Revision

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Academic Year – 2023-24

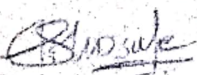
## Annual Teaching Plan


Name of the teacher: Dr Sunil Gunga Bhosale

Programme- B.A. Semester – I

Subject:- STD (OE) Course Title: Science, Technology & Development - I

Month – July			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Science, Technology & Development	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Nature</li><li>➤ Steps</li><li>➤ Importance</li><li>➤ Concepts</li></ul>
16	-	16		
Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Science, Technology & Development	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Nature</li><li>➤ Steps</li><li>➤ Importance</li><li>➤ Concepts</li></ul>
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Contribution of Scientists	<ul style="list-style-type: none"><li>➤ Newton</li><li>➤ Einstein</li><li>➤ Edison</li><li>➤ Dr. Homibhabha</li><li>➤ Dr. M.S. Swaminathan</li><li>➤ Dr. A. P.J. Abdul Kalam</li></ul>
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Contribution of Scientists	<ul style="list-style-type: none"><li>➤ Newton</li><li>➤ Einstein</li><li>➤ Edison</li><li>➤ Dr. Homibhabha</li><li>➤ Dr. M.S. Swaminathan</li><li>➤ Dr. A. P.J. Abdul Kalam</li></ul>
16	-	16		
Month - November			Module/Unit:	Sub-units planned
16	Practicals	16	Module- I to II Revision	<ul style="list-style-type: none"><li>➤ - I to II Revision</li></ul>

  
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Department of Geography

Academic Year – 2023-24

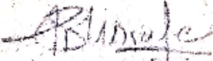
## Annual Teaching Plan

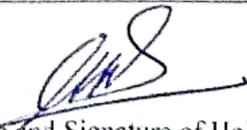
Name of the teacher: **Dr. Sunil Gunga Bhosale**

Programme- B.A. Semester – II

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

Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Disaster Management	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Management</li><li>➤ Classification</li><li>➤ Elements of Disaster</li></ul>
16	-	16		
Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Disaster Management	<ul style="list-style-type: none"><li>➤ Introduction</li><li>➤ Definition</li><li>➤ Management</li><li>➤ Classification</li><li>➤ Elements of Disaster</li></ul>
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"><li>➤ History of Communication</li><li>➤ Information Tech.</li><li>➤ Computer Network</li><li>➤ Internet</li><li>➤ GIS, GPS</li></ul>
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Means of Communication and Information Technology	<ul style="list-style-type: none"><li>➤ History of Communication</li><li>➤ Information Tech.</li><li>➤ Computer Network</li><li>➤ Internet</li><li>➤ GIS, GPS</li></ul>
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I to II Exam	<ul style="list-style-type: none"><li>➤ Revision on Module – I and II</li></ul>
16	-	16		

  
Name and Signature of Teacher

  
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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

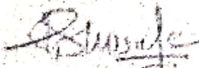
## Annual Teaching Plan

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

Programme- B.A. Semester – III

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

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Minerals and Energy Resources	<ul style="list-style-type: none"><li>➤ Imp. Of the Minerals</li><li>➤ Iron Ore, Bauxite</li><li>➤ Coal and Petroleum product</li><li>➤ Conventional Energy– Solar, Wind</li></ul>
16	-	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Minerals and Energy Resources	<ul style="list-style-type: none"><li>➤ Imp. Of the Minerals</li><li>➤ Iron Ore, Bauxite</li><li>➤ Coal and Petroleum product</li><li>➤ Conventional Energy– Solar, Wind</li></ul>
16	-	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Practical – Geography	<ul style="list-style-type: none"><li>➤ Proportional Circles</li><li>➤ Dot Map</li><li>➤ Choroplath Map</li><li>➤ Isotherms Map</li></ul>
16	-	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Practical – Geography	<ul style="list-style-type: none"><li>➤ Proportional Circles</li><li>➤ Dot Map</li><li>➤ Choroplath Map</li><li>➤ Isotherms Map</li></ul>
16	-	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-II, & IV	Revision

  
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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

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

Programme- B.A. Semester – IV

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

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Theories of Land Utilization	<ul style="list-style-type: none"><li>➤ Classification of Agri. Systems</li><li>➤ Major Agri. Systems in India</li></ul>
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Theories of Land Utilization	<ul style="list-style-type: none"><li>➤ Classification of Agri. Systems</li><li>➤ Major Agri. Systems in India</li></ul>
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Important Agricultural Documents	<ul style="list-style-type: none"><li>➤ 7/12, 8A</li><li>➤ Importance of Land Revenue</li><li>➤ Agri. News</li></ul>
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Important Agricultural Documents	<ul style="list-style-type: none"><li>➤ 7/12, 8A</li><li>➤ Importance of Land Revenue</li><li>➤ Agri. News</li></ul>
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – II & IV Exam	<ul style="list-style-type: none"><li>➤ Revision on Module – II and IV</li></ul>
16	-	16		

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Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

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

Programme- B.A. Semester – V

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

Month - August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- V – Weather Instruments and IMD Maps	<ul style="list-style-type: none"><li>➤ Thermograph</li><li>➤ Barograph</li><li>➤ Dry &amp; Wet Bulb Thermometer</li><li>➤ Cup Anemometer</li><li>➤ Rain Gauge</li></ul>
--	16	16		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- V- Weather Instruments and IMD Maps	<ul style="list-style-type: none"><li>➤ Cyclone</li><li>➤ Anticyclone</li><li>➤ Col</li><li>➤ Ridge</li><li>➤ Secondary Dipression</li></ul>
--	16	16		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- V – Weather Instruments and IMD Maps	<ul style="list-style-type: none"><li>➤ Sign and Symbols used in Indian Daily Weather Maps Types</li></ul>
--	16	16		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- V – Weather Instruments and IMD Maps	<ul style="list-style-type: none"><li>➤ Interpretation of Indian Daily Weather Maps Two Dimensional</li></ul>
--	16	16		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-V	Revision



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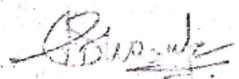
## Annual Teaching Plan

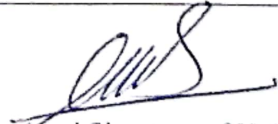
Name of the teacher: **Dr. Sunil Gunga Bhosale**

Programme- B.A. Semester – VI

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

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- VI – Representation Techniques of Statistical Data Periods	➤ Divided Rectangle ➤ Proportional Circle
--	16	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- VI – Representation Techniques of Statistical Data Periods	➤ Proportional Square ➤ Choropleth Map
--	16	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- VI – Representation Techniques of Statistical Data Periods	➤ Dot Map
--	16	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- VI – Representation Techniques of Statistical Data Periods	➤ Isopleths
--	16	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – VI Representation Techniques of Statistical Data Periods	➤ Revision
--	16	16		

  
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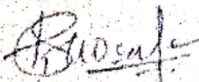
## Annual Teaching Plan

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

Programme- B.A. Semester – V

Subject:- Geography Course Title: **Evolution of Geographical Thought**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I- Geography in Ancient Period	<ul style="list-style-type: none"><li>➤ Contribution of Greeks and Romans 1.2 Contribution of Arab Geographers</li><li>➤ Indian Geographical Thoughts</li><li>➤ Exploration and Development of Geography</li></ul>
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Schools of Geography	<ul style="list-style-type: none"><li>➤ German School of Geography – Alexander Von Humboldt</li><li>➤ French School of Geography – Vidal de la Blache</li><li>➤ American School of Geography – William MorisDevis</li><li>➤ British School of Geography – Herbertson</li></ul>
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Dualisms in Geography	<ul style="list-style-type: none"><li>➤ Determinism Vs Possibilism</li><li>➤ Systematic Vs Regional Geography.</li><li>➤ Physical Vs Human Geography</li><li>➤ Historical Vs Contemporary Geography</li></ul>
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Trends in Geography	<ul style="list-style-type: none"><li>➤ Quantitative Revolution</li><li>➤ Model Building in Geography,</li><li>➤ Man - Nature Relationship, Radicalism, Behaviouralism and Humanism</li><li>➤ Future of Geography</li></ul>
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – II & IV Exam	<ul style="list-style-type: none"><li>➤ Revision on Module – I, II, III and IV</li></ul>
16	-	16		



Name and Signature of Teacher



Name and Signature of HoD

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Department of Geography  
Academic Year – 2023-24

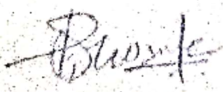
## Annual Teaching Plan


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

Programme- B.A. Semester – VI

Subject:- Geography Course Title: **Political Geography**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I- Introduction to Political Geography	<ul style="list-style-type: none"><li>➤ Definition of Political Geography</li><li>➤ Nature of Political Geography</li><li>➤ Scope of Political Geography</li><li>➤ Significance of Political Geography</li></ul>
16	-	16		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II- Concepts in Political Geography	<ul style="list-style-type: none"><li>➤ State</li><li>➤ Nation</li><li>➤ Boundary</li><li>➤ Frontiers</li></ul>
16	-	16		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Theories in Political Geography	<ul style="list-style-type: none"><li>➤ Heartland Theories - H. J. Mackinder</li><li>➤ RimlandTheorie – N. J. Spykeman</li></ul>
16	-	16		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Resource Dispute and Conflicts	<ul style="list-style-type: none"><li>➤ Krishna Water Dispute</li><li>➤ Ganga Water Dispute</li><li>➤ Chandoli Dam Project: Issues of Relief, Compensation and Rehabilitation</li><li>➤ Indo-China border Issue</li></ul>
16	-	16		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – I, II, III & IV Exam	<ul style="list-style-type: none"><li>➤ Revision on Module – I, II, III and IV</li></ul>
16	-	16		

  
Name and Signature of Teacher

  
Name and Signature of HoD

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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

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

Programme- B.A. Semester – I

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

Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Science Technology and Human Health	<ul style="list-style-type: none"><li>➤ Human Blood</li><li>➤ Diet- Need, Balance</li><li>➤ Covid-19</li><li>➤ Addictions</li></ul>
08	-	08		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Science Technology and Human Health	<ul style="list-style-type: none"><li>➤ Human Blood</li><li>➤ Diet- Need, Balance</li><li>➤ Covid-19</li><li>➤ Addictions</li></ul>
08	-	08		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Non-Conventional Power Resources	<ul style="list-style-type: none"><li>➤ Types</li><li>➤ Solar Energy</li><li>➤ Wind Energy</li><li>➤ Hydel Energy</li><li>➤ Bio Energy</li><li>➤ Tidal Energy</li><li>➤ Corban Credits</li></ul>
08	-	08		
Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Non-Conventional Power Resources	<ul style="list-style-type: none"><li>➤ Types</li><li>➤ Solar Energy</li><li>➤ Wind Energy</li><li>➤ Hydel Energy</li><li>➤ Bio Energy</li><li>➤ Tidal Energy</li><li>➤ Corban Credits</li></ul>
08	-	08		

Name and Signature of Teacher

(Dr. G. S. Ubale)

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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2021-22

## Annual Teaching Plan

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

Programme- B.A. Semester – II

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

Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Science, Technology & Agriculture	<ul style="list-style-type: none"><li>➤ Irrigation Tech.</li><li>➤ Fertilizers</li><li>➤ HYV</li><li>➤ Plant Protection</li><li>➤ Green Revolution</li><li>➤ Tissue Culture</li></ul>
08	-	08		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Science, Technology & Agriculture	<ul style="list-style-type: none"><li>➤ Irrigation Tech.</li><li>➤ Fertilizers</li><li>➤ HYV</li><li>➤ Plant Protection</li><li>➤ Green Revolution</li><li>➤ Tissue Culture</li></ul>
08	-	08		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Science Tech. Space and Ocean research	<ul style="list-style-type: none"><li>➤ Satellite era</li><li>➤ Rocket Tech.</li><li>➤ Indian Space Prog.</li><li>➤ INO- Ocean Studies</li></ul>
08	-	08		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Science Tech. Space and Ocean research	<ul style="list-style-type: none"><li>➤ Satellite era</li><li>➤ Rocket Tech.</li><li>➤ Indian Space Prog.</li><li>➤ INO- Ocean Studies</li></ul>
08	-	08		
Month - June			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Revision on Module – III to IV Exam	<ul style="list-style-type: none"><li>➤ Revision on Module – III, IV</li></ul>
08	-	08		

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## 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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## 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"><li>➤ Development of tourism in Maharashtra</li><li>➤ 3.2 Planning of tourism in Maharashtra</li></ul>
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"><li>➤ Development of tourism in Maharashtra</li><li>➤ 3.2 Planning of tourism in Maharashtra</li></ul>
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"><li>➤ Historical tourism centers in Kolhapur</li><li>➤ 4.2 Religious and cultural tourism centers in Kolhapur</li><li>➤ 4.3 Agricultural and Medical tourism centers in Kolhapur</li></ul>
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"><li>➤ Historical tourism centers in Kolhapur</li><li>➤ 4.2 Religious and cultural tourism centers in Kolhapur</li><li>➤ 4.3 Agricultural and Medical tourism centers in Kolhapur</li></ul>
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"><li>➤ Revision on Module – III, IV</li></ul>
08	-	08		

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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

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

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Department of Geography

Academic Year – 2023-24

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

Name and Signature of Teacher

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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

Name of the teacher: **Dr. Nisha Ramchandra Mugade**

Programme- B.A. Semester – I

Subject:- Geography Course Title: **VSC- Vocational Skill Course- Google Earth for Geoscience Teaching and Research**

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Google Earth	<ul style="list-style-type: none"><li>➤ History of Google Earth map Uses</li><li>➤ Difference between Traditional map and Google Earth map</li><li>➤ Importance of Google Earth in Geoscience Teaching and Research</li></ul>
4	4	8		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Application of Google Earth: Practical	<ul style="list-style-type: none"><li>➤ The interface of Google Earth</li><li>➤ Application of Google Earth</li></ul>
4	4	8		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Application of Google Earth: Practical	<ul style="list-style-type: none"><li>➤ Functions of Google Earth</li><li>➤ Point, Line, Polygon</li></ul>
4	4	8		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Application of Google Earth: Practical	<ul style="list-style-type: none"><li>➤ Functions of Google Earth</li><li>➤ Point, Line, Polygon</li></ul>
4	4	8		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Application of Google Earth: Practical	<ul style="list-style-type: none"><li>➤ Functions of Google Earth</li><li>➤ Point, Line, Polygon</li></ul>
4	4	8		

*Nisha*

Name and Signature of Teacher



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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

Name of the teacher: **Dr. Nisha Ramchandra Mugade**

Programme- B.A. Semester – II

Subject:- Geography Course Title: **VSC- Vocational Skill Course- Introduction to QGIS**

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to QGIS	<ul style="list-style-type: none"><li>➤ Introduction of QGIS</li><li>➤ Graphical User Interface of GIS</li></ul>
4	4	8		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to QGIS	<ul style="list-style-type: none"><li>➤ Application and Importance of QGIS Software</li></ul>
4	4	8		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to QGIS	<ul style="list-style-type: none"><li>➤ Introduction of QGIS</li><li>➤ Graphical User Interface of GIS</li><li>☐ Application of QGIS</li></ul>
4	4	8		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Georeferencing, Digitization & Map Preparation	<ul style="list-style-type: none"><li>➤ Georeferencing of Toposheet /Map</li><li>➤ Vectorization or digitization of Toposheet /Map</li></ul>
4	4	8		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Georeferencing, Digitization & Map Preparation	<ul style="list-style-type: none"><li>➤ Georeferencing of Toposheet /Map</li><li>➤ Vectorization or digitization of Toposheet /Map</li></ul>
4	4	8		
Month - June			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Georeferencing, Digitization & Map Preparation	<ul style="list-style-type: none"><li>➤ Georeferencing of Toposheet /Map</li><li>➤ Vectorization or digitization of Toposheet /Map-point, Line and Polygon</li></ul>
4	4	8		

*Nisha*



  
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## Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

### Annual Teaching Plan

Name of the teacher: **Dr. Nisha Ramchandra Mugade**

Programme- B.A. Semester – V

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

Month - August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Population Growth and Distribution	➤ World Population Growth ➤ Factors affecting on population distribution.
8	0	8		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Population Growth and Distribution	➤ Population distribution of the world
8	0	8		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Population Growth and Distribution	➤ Theories of Population Growth: Malthus Theory and
8	0	8		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Population Composition	➤ Age ➤ Sex
8	0	8		
Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Population Composition	➤ Literacy ➤ Rural and Urban Population
8	0	8		
8	0	8		

*Nisha*

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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

Name of the teacher: **Dr. Nisha Ramchandra Mugade**

Programme- B.A. Semester – VI

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

Month - January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Manufacturing Activities	➤ Concept of Manufacturing Regions
8	0	8		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- II – Manufacturing Activities	➤ Concept of Special Economic Zones
8	0	8		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Manufacturing Activities	➤ Major Industries: i) Iron and Steel Industry – USA ii) Automobile Industry – India and Japan
8	0	8		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Economic Activities	➤ Impact of Covid 19 on Agricultural Activities ➤ Impact of Covid 19 on Industrial Activities
8	0	8		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Economic Activities	➤ Impact of Covid 19 on Tourism Activities
8	0	8		
Month - June			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Economic Activities	➤ Alfred Weber's Theory of Industrial Location
8	0	8		

*Nisha*

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## Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

### Annual Teaching Plan

Name of the teacher: **Dr. Nisha Ramchandra Mugade**

Programme- B.A. Semester – V& VI

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

Month - July			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Remote Sensing	<ul style="list-style-type: none"> <li>➤ Definitions of Remote Sensing. Definition</li> <li>➤ Fundamentals of Remote Sensing: EMR, Sensors and Platforms.</li> <li>➤ Application of Remote Sensing in Geography.</li> </ul>
--	28	28		
Month - September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I- Remote Sensing	<ul style="list-style-type: none"> <li>➤ Aerial photographs and Satellite imagery:</li> <li>➤ Definition, types and difference between them</li> <li>➤ Determination of Photo Scale</li> </ul>
--	28	28		
Month - October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Remote Sensing	<ul style="list-style-type: none"> <li>➤ Elements of Image Interpretation Types</li> <li>➤ Identification of Physical and cultural features from Aerial Photographs or Satellite Imagery.</li> </ul>
--	28	28		
Month - November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II– GIS and GNSS	<ul style="list-style-type: none"> <li>➤ Geographical Information System (GIS)</li> <li>1. Definition and components</li> <li>2. GIS Data Structure: Types(spatial and non-spatial)Raster &amp; Vector</li> <li>3. Georeferencing, Digitization, Map Layout Preparation</li> <li>4. Application of GIS in Geography</li> </ul>
--	28	28		

*Nisha*

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## Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

### Annual Teaching Plan

Name of the teacher: **Dr. Nisha Ramchandra Mugade**

Programme- B.A. Semester – V & VI

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

Month - December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-II GIS and GNSS	<ul style="list-style-type: none"> <li>➤ Global Navigation Satellite System (Global Positioning System)</li> <li>1. Definition and components</li> <li>2. GPS and its Application in Geography</li> </ul>
	28	28		
Month - January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – GIS and GNSS	<ul style="list-style-type: none"> <li>➤ Field work in GPS: Determining latitude, longitude and altitude</li> </ul>
--	28	28		
Month - February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Project work based on field work	<ul style="list-style-type: none"> <li>➤ Exercise with Google Earth Program.</li> </ul>
--	28	28		
Month - March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project work based on field work	<ul style="list-style-type: none"> <li>➤ Project</li> </ul>
--	28	28		
Month - April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project work based on field work	<ul style="list-style-type: none"> <li>➤ Project</li> </ul>
--	28	28		
Month - May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – V Project work based on field work	<ul style="list-style-type: none"> <li>➤ Project</li> </ul>
--	28	28		
Month - June			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – V Project work based on field work	<ul style="list-style-type: none"> <li>➤ Revision</li> <li>➤</li> </ul>
--	28	28		

*Nisha*

Name and Signature of Teacher



*(Signature)*

(Dr. G. S. Ubale)

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# Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

Name of the teacher: **Dr. Siddharth Somnath Ghoderao**

Program- B.A. Semester – I

Subject: - Geography Course Title: **SEC - Advanced Surveying Tool: GPS**

### Teaching and Research

Month – August			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Surveying & GPS	<ul style="list-style-type: none"><li>➤ Meaning of Survey</li><li>➤ Types of Survey</li><li>➤ Meaning of GPS</li><li>➤ Types of GPS</li></ul>
4	4	8		
Month – September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Surveying & GPS	<ul style="list-style-type: none"><li>➤ GPS Segments</li><li>➤ Importance of GPS Surveying</li></ul>
4	4	8		
Month – October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Advanced Surveying Tool: GPS, Practical	<ul style="list-style-type: none"><li>➤ Data Collection with GPS</li></ul>
4	4	8		
Month – November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Advanced Surveying Tool: GPS, Practical	<ul style="list-style-type: none"><li>➤ Export GPS Data to GIS Software</li></ul>
4	4	8		
Month – December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Advanced Surveying Tool: GPS, Practical	<ul style="list-style-type: none"><li>➤ Drafting Map Layout</li></ul>
4	4	8		

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Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

Name of the teacher: **Dr. Siddharth Somnath Ghoderao**

Programme- B.A. Semester – II

Subject:- Geography Course Title: **SEC- Computer Application in Geography**

Month – January			Module/Unit:	Sub-units planned
Lectures	Practical	Total	Module- I – Introduction to Computer	➤ History and Generations of Computer ➤ Hardware
4	4	8		
Month – February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Computer	➤ Software ➤ Characteristics of computers ➤ Importance of Computer
4	4	8		
Month – March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Application of MS Office	➤ Memory ➤ Introduction to MS Word ➤ Introduction to MS Excel
4	4	8		
Month – April			Module/Unit:	
Lectures	Practicals	Total	Module- II – Application of MS Office	➤ Introduction to MS PowerPoint
4	4	8		
Month – May			Module/Unit:	
Lectures	Practicals	Total	Module- II – Module- II – Application of MS Office	➤ Preparation of 1) Bar Graph, 2) Pie Chart 3) line graph
4	4	8		

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Department of Geography

Academic Year – 2023-24

## Annual Teaching Plan

Name of the teacher: **Dr. Siddharth Somnath Ghoderao**

Programme- B.A. Semester – V

Subject: - Geography Course Title: **Population Geography 1**

Month – August			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I – Introduction to Population Geography	<ul style="list-style-type: none"> <li>➤ Definitions of Population Geography.</li> <li>➤ Nature of Population Geography</li> <li>➤ Scope of Population Geography.</li> </ul>
--	28	28		
Month – September			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- I- Introduction to Population Geography	<ul style="list-style-type: none"> <li>➤ Significance of Population Geography</li> <li>➤ Sources of Population Data</li> </ul>
--	28	28		
Month – October			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Population Dynamics and Pandemics	<ul style="list-style-type: none"> <li>➤ Concept of Population Dynamics and Pandemics</li> <li>➤ Effects of Covid 19 on Fertility, Mortality and</li> <li>➤ Definition of Migration</li> <li>➤ Types of Migration</li> </ul>
--	28	28		
Month – November			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III - Population Dynamics and Pandemics	<ul style="list-style-type: none"> <li>➤ Fertility: Causes, Effects, and Measures</li> <li>➤ Mortality: Causes, Effects, and Measures</li> <li>➤ Migration: Causes, Effects, and Measures</li> </ul>
--	28	28		

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## Vivekanand College, Kolhapur (Autonomous)

Department of Geography

Academic Year – 2023-24

### Annual Teaching Plan

Name of the teacher: **Dr. Siddharth Somnath Ghoderao**

Programme- B.A. Semester – VI

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

Month – December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I Introduction to Economic Geography	<ul style="list-style-type: none"> <li>➤ Definition of Economic Geography</li> <li>➤ Nature of Economic Geography</li> <li>➤ Scope of Economic Geography</li> </ul>
	28	28		
Month – January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I Introduction to Economic Geography	<ul style="list-style-type: none"> <li>➤ Concept of Economic Activity</li> <li>➤ Types of Activity</li> <li>➤ Classification of Economic Activity</li> </ul>
08	--	08		
Month – February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I Introduction to Economic Geography	<ul style="list-style-type: none"> <li>➤ Branches of Economic Geography</li> </ul>
08	--	08		
Month – March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-I Introduction to Economic Geography	<ul style="list-style-type: none"> <li>➤ Significance of Economic Geography</li> </ul>
08	--	08		
Month – April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III Trade, Transport and Industries	<ul style="list-style-type: none"> <li>➤ Significance of Transportation</li> <li>➤ Major Transport Routs: Roadway, Railway, Airway and Ocean Routs</li> </ul>
08	--	08		
Month – May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III Trade, Transport and Industries	<ul style="list-style-type: none"> <li>➤ International Trade: India, USA</li> <li>➤ Trade Policies: India and USA</li> </ul>
08	--	08		

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Department of Geography

Academic Year – 2023-24

### Annual Teaching Plan

Name of the teacher: **Dr. Siddharth Somnath Ghoderao**

Programme- B.A. Semester – VI

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

Month – December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-II Weather Instruments and IMD Maps	➤ Study of weather Instruments with reference to Principle, Mechanism, and Function
	28	28		
Month – January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Weather Instruments and IMD Maps	➤ a) Thermograph ➤ b) Barograph ➤ c) Dry and Wet Bulb Thermometer ➤ d) Cup Anemometer ➤ e) Rain Gauge
--	28	28		
Month – February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Project work based on field work	➤ Isobaric Patterns: Cyclone, Anticyclone, Col, Ridge, Secondary Depression.
--	28	28		
Month – March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project work based on field work	➤ Sign and Symbols used in Indian Daily Weather Maps.
--	28	28		
Month – April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Project work based on field work	➤ Interpretation of Indian Daily Weather Maps (Rainy, Winter and Summer)
--	28	28		
Month – May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – V Project work based on field work	➤ Marginal Information, Pressure, Winds, Clouds, Rainfall, Other Conditions, Sea Conditions, Temperature departure from normal
--	28	28		

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Academic Year – 2023-24

### Annual Teaching Plan

Name of the teacher: **Dr. Siddharth Somnath Ghoderao**

Programme- B.A. Semester – VI

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

Month – December			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module-II Surveying	<ul style="list-style-type: none"> <li>➤ Introduction to Survey</li> <li>➤ Meaning of Survey</li> <li>➤ Types of Survey</li> </ul>
--	07	07		
Month – January			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- II – Surveying	<ul style="list-style-type: none"> <li>➤ Preparation of plans of the given area with the following survey method (Any one methods among them)</li> <li>➤ A) Plane Table survey (Radial, Intersection, and Traverse method)</li> <li>➤ B) Theodolite survey</li> </ul>
--	07	07		
Month – February			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- III – Surveying	<ul style="list-style-type: none"> <li>➤ C) Dumpy Level survey</li> <li>➤ D) Total Station</li> <li>➤ E) Ebony Level Survey</li> </ul>
--	07	07		
Month – March			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Surveying	<ul style="list-style-type: none"> <li>➤ Preparation of plans Prismatic compass survey (Radical, Intersection and Traverse method)</li> <li>➤ Types and conversion of bearings</li> <li>➤ Correction of bearing</li> </ul>
--	07	07		
Month – April			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module- IV – Surveying	<ul style="list-style-type: none"> <li>➤ Project work</li> </ul>
--	07	07		
Month – May			Module/Unit:	Sub-units planned
Lectures	Practicals	Total	Module – V Surveying	<ul style="list-style-type: none"> <li>➤ Project work</li> </ul>
--	07	07		

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