

"Education for Knowledge, Science and Culture." – Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's VIVEKANAND COLLEGE, KOLHAPOUR (Empowered Autonomous)

Department of Geography



Content with Cross-cutting Issues

BA Geography (Newly Introduced between 2018-19 to 2020-21)1Physical GeographDSC- 1022A2018-19Analyse the Geo- environment• Approac hes to the basic• Use and OverIncrease Scientific Temper	20 (tru (dharm; love emper, -skills; e and on in cation)
Geograph 1022A Geo- Image: Construction of the second seco	
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					on of World water Resource s • Use and Over Utilizatio n of Surface and Ground Water	tion, Rain Water Harvesti ng, Water shade Manage ment	Winds, Hydrologic al Cycle, Diastrophis m Continenta I and Mountain Building
2 Human Geograph y	DSC- 1022B	2018-19		Importanc e of Human Settlemen ts Evolution of Man The Bases of Racial Classificat ion Factors affecting Rural Settlemen ts Functions of Rural	 Evolution of Man - Stages & Processes of Human Evolution Human Geograph y & its relation with Science Social Science 	 Growth of Population in the Worl Concept of Fertility & Mortality Urbanizati on 	Communit y Participatio n: Bases of Racial Classificati on, Major Racial Groups KAND CO SUNE 1964

					Settlemen ts	
3	Science, Technolo gy & Develop ment	(GEC) -1	2018-19	 Eminent Scientists in the developm ent of S& T 	 Human Health Importanc e of Power resources AIDS a Challenge before world facts 	
4	Science, Technolo gy & Develop ment	(GEC) -II	2018-19	 Means of Communi cation Science technolog y in Space, Defense & Ocean Research 	Technology in Space ResearchManagem ent EarthquaTechnolog y in Space ResearchResearch to Satellites Recent TechnoloResearch to Satellites Recent Flood,Technolo ResearchResearch to Satellites Recent Technology,Flood,Fire, gy,gy,Use of GIS & GPSAccident, etc.Use of GPSGPSetc.GPSImage: Science Researchgy in Defense & Ocean Research	Atellites Recent Technology

5	Soil Geograph y	DSC- 1022C1	2019-20		•	Genetic Classifica tion of Soils Soil Manage ment: Need & Method	•	Process of Soil Formatio n: Physical, Biotic and Chemical Physical Propertie s of Soils: Morphol ogy, Texture, Structure , Water, Air and Temperat ure. Chemical Propertie s of Soils: PH, Organic Matter,	•	Testing Vermi Compost Process	Increase Scientific Tempore by doing soil testing at lab
6	Resource	DSC-	2019-20	Practical:	•	Classific	Fo	NPK prests and	•	Problems	Resource ND Co
	Geograph y	1022C2		Proportio nal Circle		ation of Resource s		nergy esource		of Energy Resources :	Manageme

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	al Skills)	Renewab	1984 141
		le (Solar,	Side and Ser
			· UTI-410

7	Oceanogr aphy	DSC- 1022D1	2019-20	Applied Oceanograph y	Applied Oceanograp hy	 Hydro, Wind etc.) Ocean or Marine deposits: Sources and Classifica tion Ocean Resources Biotic- Mineral and Energy Resources Ocean Pollution Causes, Effects and Measures 	 Propertie s & Dynamic s of Ocean Practical: Hypsogra phic Curve Wind Rose Isohalines Isotherms 	Scientific temperame nt by studying oceanograp hy
8	Agricultu re Geograph y	DSC- 1022D2	2019-20	 Evolution of agricultur e Determin ants of 		Important Agricultural Documents • Importan t Docume nts in	 Major Agricultu ral Systems Von Thunen's theory of 	ESTD. JUNE 1964

Image: Second state of the second s	of Tou	ncept IDS 1026C urism ograph	2019-20	Compo s of Tourisi Geogra al Socia	ral Journalis m onent Components of Tourism n: • Geographi cal, Social,	n and Organic Farming (Analytic al Skill) Recent Trends in Tourism	
(Analytic	of Tou Geo	urism 1026C	2019-20	s of Tourisi Geogra	nent Components of Tourism n: • Geographi cal, Social,	(Analytic al Skill) Recent Trends in Tourism	

						Transport ation, Season, and Nature of Tourism Impact of Tourism • Economi c, Socio- cultural, Environ mental • Sustaina ble Develop ment in Tourism	Nature of Tourism	
10	Develop ment and Planning of Tourism	DSE – 1026D	2019-20	Changing Perspecti ves in Ancient to Modern Tourism	•		 Develop ment of Tourism in Maharas htra Recent Trends in Tourism Kolhapu r District 	ESTD. ESTD. In JUNE 1964

11	Evolution of Geograph ical Thought,	DSE 1022 E1	2020-21	 Schools of Geographi c Thoughts: German, French, American, British Model Building in Geography Future of Geography 	Historic al / Contem porary Geograp hy	Dualisms in Geography	Trends in Geography: • Model Building • Man - Nature Relationsh ip • Radicalis m, Behaviour alism & Humanis m	 Schools of Geographi c Thoughts: German, French, American, British Model Building in Geograph y Future of Geograph y 	
12	Geograph y of India	DSE 1022 E2	2020-21	 Importanc e of Agricultur e, industry in Indian Economy 		Importance of study in Indian Geography	 Physiogra phic Divisions of India Soil Conservati on Conservati on of Forests Minerals & Power Resources 	 Importanc e of Agricultur e, Industries in Indian Economy Trade 	Participatio n in community services
13	Populatio n	DSE 1022 E3	2020-21		Effects of Covid 19 on	• World Populatio	• Theories of	 Populatio n 	London .

	Geograph			Fertility,	n		Populatio	Pandemics
	y geograph			Mortality	compositi		n Growth	solutions
	y			and	on	•	Populatio	
				Migration	OII	•	-	Populatio
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							Dynamics	n growth
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								Mortality
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14	Economic	DSE 1022	2020-21	•	 Significan 	•	Manufact	 Impact of
	Geograph	F1			ce of		uring	Covid
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					Geograph	•	Economic	Agricultur
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							to Industries	•	19on Tourism Activities Alfred Weber's Theory of Industrial Location	
15	Urban Geograph y	DSE 1022 F2	2020-21		Concept and Factors of Urbanizat ion Patterns of Urbanizat ion in develope d and developin g countries.	•	Urban Issues: problems of housing, slums, civic amenities (water and transport) Case studies of Mumbai and Delhi with reference to land and urban issues Urban problems in	•	Structure and Morpholo gy City Region and C.B.D Rural- Urban Fringe Models of Town Morpholo gy: The concentric Zone Theory The Sector Theory and the Multi- Nuclei Theory	-CALIFORD

						Kolhapur City	 Concept of Garden City Case studies of Mumbai and Delhi with reference to land and urban issues Urban problems in Kothapur
16	Political Geograph y,	DSE 1022 F3	2020-21		•	Concepts in Political Geograph y Krishna Water Dispute Ganga Water Dispute Chandoli Dam Project: Issues of	 Krishna Waterson Ganga Water Dispute Chandoli Dam Project: Issues of Relief, Compensa tion and

				Relief, Compensa tion and Rehabilitat ion Indo- China border Issue	Rehabilitat ion Indo- China border Issue
17 Fundam ntals of Map Making and Maj Interpre tion	Paper -I	2020-21		Interpretat ion of Indian Daily Weather Maps (Rainy, Winter and Summer) Interpretat ion of S.O.I."s Topograp hical Map (Mountain , Plateau and Plain) Expressio n of Slopes: a) Gradient	Mapping of Slope, Relief Features and Profile Topograp hical Maps Weather Instrument STD. Instrument STD. IND Map 1964

18	Advanced Tools, Techniqu es and Field Work	Practical Paper -II	2020-21		 b) Degree c) Per Cent d) Mills Exercise with Google Earth Program. Associatio n and Correlatio n: Karl Pearson"s Method (Product Moment) Surveying Field project 	 Geography Jdentificati on of Physical 	ESTD.
						 Identificati on of 	

								 Photograp hs or Satellite Imagery Exercise with Google Earth Program. Surveying 	
	1			ography (Rev	<u>vised betwee</u>	<u>n 2021-22 to</u>	<u>2023-24)</u>		
19	Introducti on to Physical Geograph y	DSC- 1022A	2021-22	• Analyze the Geo- environme ntal Issues around the world.			 Approac hes to the basic concepts of Physical Geograp hy Spatial distribution of World water Resources 	 Use and Over Utilizatio n of Surface and Ground Water Water Nu Water Nu Water<th>Tanetary</th>	Tanetary

20	Introducti on Human Geograph y	DSC- 1022B	2021-22			 Importanc e of Human Settlemen ts Evolution of Man The Bases of Racial Classificat ion Factors affecting Rural Settlemen ts Function s of Rural Settleme nts 	 Evolution of Man - Stages & Processes of Human Evolution Human Geograph y & its relation with Science Social Science 	Population in the Worl Concept of Fertility & Mortality Urbanizat ion	Commu nity Particip ation: Bases of Racial Classific ation, Major Racial Groups
21	Science, Technolo gy & Develop ment	(GEC) -1	2021-22	Eminent Scientists in the development of S& T	•	Human Health	Importance of Power resources	Human ND C Blood ESTD AIDS JUN Challenge ¹⁹⁶ before world facts	ALL
22	Science, Technolo gy & Develop ment	(GEC) -II	2021-22	• Means of Communi cation		Science Technology in Space Research	• Disaster Managem ent	 Science Technolog y in Space Research 	Satellites Recent Technology

				 Science technolog y in Space, Defense & Ocean Research 	 Satellites Recent Technolo gy, Use of GIS & GPS 	Earthqua ke, Flood, Fire, Accident, Crowd etc.	Recent Technolo gy, Use of GIS & GPS Science Technology in Defence & Ocean Research DRDO, OCEAN Studies etc.		
23	Soil Geograph y	DSC- 1022C1	2022-23	•	 Genetic Classifica tion of Soils Soil Managemen t: Need & Method 	 Process of Soil Formatio n: Physical, Biotic and Chemical Physical Propertie s of Soils: Morphol ogy, Texture, Structure 	 Soil Testing Vermi Compost Process Soil Analysis: Saline- Alkaline 	Increase Scientific Tempore by doing soil testing at the STD. JUNE 1964	· EGE * AN

						, Water, Air and Temperat ure. Chemical Properties of Soils: PH , Organic Matter, NPK		
24	Resource Geograph y	DSC- 1022C2	2022-23	 Practical: Proportio nal Circle Chorople th Map Dot Map Isopleth Map 	 Classific ation of Resource s Distribut ion and Producti on of Iron Ore, Bauxite and Mangane se in USA, USSR, UK and India Problems of Energy Resources: Environmer tal impacts of non- 	 Distributi on and Utilizatio n of Forest Resource s: Types of Forest, Importan ce of Forest Problems of Forest Resource s: deforesta tion 	 Problem of Energy Resource Environ ental impacts of non- renewak e energy consumition, Future energy options 	y e Manage ment m

					renewable energy consumptio n, Future energy options (Analytical Skills)	n of Energy Resource s: Non- renewabl e (Oil, Natural Gas, Coal) and Renewab le (Solar, Hydro, Wind etc.)		
25	Oceanogr aphy	DSC- 1022D1	2022-23	• Applied Oceanogr aphy	Applied Oceanograp hy	 Ocean or Marine deposits: Sources and Classifica tion Ocean Resources Biotic- Mineral and Energy Resources Ocean Pollution - 	 Propertie s & Dynamic s of Ocean Practical: Hypsogra phic Curve Wind Rose Isohalines Isotherms 	Scientific temperame nt by studying oceanograp hy

26	Agricultu re Geograph y	DSC- 1022D2	2022-23	 Evolution of agricultur e Determin ants of Agricultu re Organic Farming 			Causes, Effects and Measures Important Agricultural Documents • Importan t Docume nts in Talathi Office • Importan ce of Land Revenue • Importan ce of Agricultu ral Journalis m	Regionali, zation Green revolutio n and Organic Farming (Analytic al Skill)	NND CO ESTD. JUNE 1964
27	Concept of Tourism Geograph y	IDS 1026C	2022-23	Definition, Nature, Scope, Significance & Development	s T C a	Component of Tourism: Geographic Il Social, Cultural &	Components of Tourism • Geographi cal, Social, Cultural	Recent Trends in Tourism • Classifica tion on the basis	
				of Tourism		other		of	

				(Analytical		Recent	Nationalit
						Trends in	
				Skills)			y, Time,
						Tourism	Number
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28	Develop	DSE -	2022-23	Changing		Tourism	Develop
	ment and	1026D		Perspectives		Centers in	ment of
	Planning			in Ancient to		Kolhapur	Tourism
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						Planning	Recent	
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						Tourism	Tourism:	
						in	Kolhapur	
						Maharasht	District	
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29	Evolution	DSE 1022	2023-24	 Behavior 	Dualisms in	Trends in	 Schools of 	Historical /
	of	E1		of Schools	Geography	Geography:	Geographi	Contempor
	Geograph			of		 Model 	c	ary
	ical			Geographi		Building	Thoughts:	Geography
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				Thoughts:		Nature	French,	-
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				 Future of 		m	Future of	
				Geography			Geography	
30	Geograph	DSE 1022	2023-24			•	• Importanc	 Participa
	y of India	E2					e of	tion in
							Agricultur	commun
							е,	ity
							Industries	services
							in Indian	
							Economy	
							 Trade 	

31	Populatio	DSE 1022	2023-24			 Theories 	• Populatio •
31	Populatio n Geograph y	DSE 1022 E3	2023-24			 Theories of Populatio n Growth Populatio n Growth Populatio n Dynamics and Pandemic s Effects of Covid 19 on Fertility, Mortality and Migration 	Populatio n growth • World Populatio n Distributio n Fertflay Mortality & Migration
32	Economic Geograph y,	DSE 1022 F1	2023-24		•	Manufact uring Regions Economic Zones Major Industries and their work structure	ion Impact of Covid 19on Agricultur al Activities Impact of Covid 19on Industrial Activities

						Trade& Transport to Industries	 Impact of Covid 19on Tourism Activities Alfred Weber's Theory of Industrial Location
33	Urban Geograph y	DSE 1022 F2	2023-24		Urban Culture	 Urban Issues: problems of housing, slums, civic amenities (water and transport) Case studies of Mumbai and Delhi with reference to land and urban issues Urban problems 	 Structure and Morpholo 1964 (Structure) and Morpholo 1964 (Structure) and C.B.D Rural-Urban Fringe Models of Town Morpholo gy: The concentric Zone Theory, The Sector Theory and the Multi-

						in Kolhapur City	Nuclei Theory Concept of Garden City Case studies of Mumbai and Delhi with reference to land issues Urban problems in Kolhapur City
34	Political Geograph y,	DSE 1022 F3	2023-24		•	Concepts in Political Geograph y Krishna Water Dispute Ganga Water Dispute Chandoli Dam	 Krishna Water Dispute Ganga Water Dispute Chandoli Dam Project: Issues of Relief, Compensa

					•	Project: Issues of Relief, Compensa tion and Rehabilitat ion Indo- China border Issue	•	tion and Rehabilitat ion Indo- China border Issue	
35	Fundame ntals of Map Making and Map Interpreta tion	Practical Paper -I	2023-24		•	Mapping of Slope, Relief Features and Profile Topograp hical Maps Weather Instrumen ts and IMD Map	•	Map and Scales Map Projection Mapping of Slope, Relief Features and Profile Topograp hical Maps Weather Instrumen ts and IMD Map Technique s of Statistical	

36	Advanced Tools, Techniqu es and Field Work	Practical Paper -II	2023-24		 Exercise with Google Earth Program. Associatio n and Correlatio n: Karl Pearson"s Method (Product Moment) 	Data Periods • Applicatio n of computer in geography - Line Graphs, Bar Graphs, f Pie Diagram and Scatter	UNAND CO ESTD. JUNE 1964
	Field				Program.Association and	geography - Line Graphs,	IN ESTD.
					Pearson"s Method	Pie Diagram	* 1964 *
					SurveyingField project	 Diagram Applicatio n of Remote Sensing in Geograph 	
						 Identificati on of Physical and cultural 	
						features from Aerial Photograp hs or	

							Satellite Imagery Applicatio n of GIS in Geograph y: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitorin g Exercise with Google Earth Program. Surveying techniques	ESTD. JUNE 1964
	<u>B</u>	<u>A I Geograp</u>	<u>hy under N</u>	NEP (Introduced	<u>d in 2023-24)</u>			
37	Physical Geograph y	DSC01G EO11	2023-24			Studying physical geography equips students with spatial analysis, environment al	 Approach es to the basic concepts of Physical Geograph y 	Increase Scientific Temper

					awareness, and problem- solving abilities. These skills are sought after in various professions, fostering adaptability and critical thinking, ultimately enhancing employabilit y prospects.	 Analyse the Geo- environme ntal Issues around the world. ESTI JUN 196 	
38	Introducti on to Physical Geograph y	MIN01G EO11	2023-24		 Introducti on to GIS: Meaning, Definition, Elements & Applicatio n Introducti on to GPS: Meaning, Definition, Elements & Applicatio n 	GIS: Meaning, Definition, Elements & Application Introduction to GPS: Meaning, Definition, Elements & Application	Increase Scientific Temper

					 spatial analysis, environme ntal awareness , and problem- solving abilities. 		ANA ES	TD. TD.
39	Human Geograph y	DSC01G EO21	2023-24		World Population & Migration • Growth of Populati on in the World • Factors Affecting the Distributi on of World Populati on • Migratio n: Causes, Types &	•	Factors: affecting Rural Settleme nts Urbaniza tion	Violence and Human Values



							conseque nces Human Settlements • Factors affecting Rural Settleme nts • Urbaniza tion		
40	Introducti on to Human Geograph y	MIN01G EO21	2023-24		•	Develop basic framewo rk of Human geograph y Develop skills of making g Maps by applying GIS & GPS	World Population & Migration • Growth of Populati on in the World • Factors Affecting the Distributi on of World Populati on	 Google Earth Applicatio n of Google Earth i. Point, Line & Polygon ii. Gradient or Slope Calculati on Area Measurin g 	Non- Violence and Human Values



					 Migratio n: Causes, Types & conseque nces Human Settleme nts Factors affecting Rural Settleme nts Urbanizat Urbanizat ion 			
41	Google Earth for Geoscien ce Teaching and Research	VSC01GE O11	2023-24		 map making and coordina te systems, issues regardin g map scale and projectio ns, using maps, 	•	Applicati on of Google Earth: The interface of Google Earth Point, Line, Polygon	Advanced Tools and Techniques

42	Introduct ion to QGIS	VSC01GE O21	2023-24	Application and Importance	•	•	remote sensing, geograph ic informati on systems, maps as media, emerging digital mapping technolo gies, and using internet mapping services • The Interface of QGIS	 Georefer encing of Toposhe 	Applicatio n and Importance
				of QGIS Software			 Georefer encing of Toposhe et /Map Vectoriza tion or digitizati on of Toposhe et /Map- 	 et /Map Vectoriza tion or digitizati on of Toposhe et /Map- point, Line and polygon 	of QGIS Software



43	Advanced Surveyin g Tool: GPS	SEC01 GEO11	2023-24		point, Line and polygon • Segment s of GPS • Types and Importan ce of GPS Surveyin g • Data Collectio n with GPS • Export GPS Data to GIS Software Drafting Map Layout	 Segment s of GPS Types and Importan ce of GPS Surveyin g Data Collectio n with GPS Export GPS Export GPS Data to GIS Software Drafting Map Layout 	Advanced Surveying Tool: GPS
44	Computer Applicati on in Geograph y	SEC01 GEO21	2023-24	Computer Application		Hardwar e and Software Introduction to MS Word, Excel & PowerPoint	Computer Applicatio n ND CO ESTD. JUNE 1964

45	Ancient	IKS01	2023-24		Ancient	Methods of	Indian
	Indian	GEO11			Geograp	studying	Knowledge
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	ical				special	Indian	Characteris
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