

“Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. BapujiSalunkhe

**Shri Swami Vivekanand Shikshan Sanstha’s
Vivekanand College, Kolhapur (Autonomous).**



Draft Syllabus

Proposed Syllabus for Bachelor of Arts

(B. A. Part II – Geography Semester III & IV)

Semester & Choice Based Credit System (CBCS)

(Subject to the modification to be made from time to time)

Syllabus with effect from September 2022

Vivekanand College, Kolhapur (Autonomous)

Syllabus, B.A. (Part II) Geography

(Introduced from June 2022 Onwards)

Sr. No.	Title	Semester
1	Soil Geography	III
2	Resource Geography	III
3	Oceanography	IV
4	Agriculture Geography	IV

Vivekanand College, Kolhapur (Autonomous)

Syllabus, B.A. (Part II) Geography

(Introduced From September, 2022 Onwards)

CBCS System, Semester - III

Soil Geography, DSC-1022C1

1. Course Outcomes: -

- i) Students should be able to understand significance of soil geography which is the fundamental branch of Physical Geography.
- ii) Students should be able to compare and relate soil is key resource for the development of any country.
- iii) Students should be able to make use of various models of soil formations.
- iv) Students should be able classify soil degradation and soil distribution in Maharashtra and India
- v) Students should be able to use soil sample tools.
- vi) Students should learn to analyze saline and alkaline soil and comprehend vermi compost process
- vii) Students should be familiar with the concept, need and methods soil of management

Module	Soil Geography	(No. of Credits)
Module I	Introduction to Soil Geography	01(12 Lectures)
	1.1 Definition and Scope of Soil Geography 1.2 History of Soil Geography and Pedology 1.3 Approaches in Soil Geography 1.4 Significance of Soil Geography	
Module II	Soils: Formation and Properties	01(18 Lectures)
	2.1 Soil as a resource 2.2. Jenny's Factorial Model of Soil Formation: Parent Material, Biotic, Climatic, Relief and Time factor 2.3. Process of Soil Formation: Physical, Biotic and Chemical 2.4 Properties of Soil: i. Physical Properties of Soils: Morphology, Texture, Structure, Water, Air and Temperature ii. Chemical Properties of Soils: P ^H , Organic Matter, NPK (Nitrogen, Phosphorous and Potassium).	
Module III	Soils: Classifications, Distribution and Management	01(18 Lectures)
	3.1 Genetic Classification of Soils 3.2 Major Soils Distribution in Maharashtra. 3.3 Soil Degradation: Concept, Causes, consequences and Measures 3.4 Soil Management: Need and Method	Base maps
Module IV	Practical (Theory and Practical)	01(12 Lectures)
	4.1 Soil Profile 4.2 Soil Sample: Tools 4.3 Soil Analysis 4.4 Soil Mapping	QGIS (can adopt village)

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1. Backman, H.O and Brady, N.C.(1960.)The Nature and Properties of Soils, Mc Millan NewYork.
2. Bennet, Hugh H.: Soil Conservation, McGraw Hill, New York .
3. Bunting, B.T.(1973) The Geography of Soils, Hutchinson, London.
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10. Russell, Sir Edward J.:(1961) Soil Conditions and Plant Growth, Wiley, New York.
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Vivekanand College, Kolhapur (Autonomous)

Syllabus, B.A. (Part II) Geography

(Introduced from September, 2022 Onwards)

CBCS SYSTEM, Semester - III

Resource Geography, DSC-1022C2

1. Course Outcomes:-

- i) Students should know Resource geography is the fundamental branch of Physical Geography.
- ii) Students understand mineral resource is key resources for the development of any country.
- iii) Students should know forest and energy resources.
- iv) Students should know approaches in resource management and concept of sustainability.
- v) Students should know principles of energy conservation and Indian Renewable energy

Programme

Module	Resource Geography	(No. of Credits)
Module I	Introduction to Resource Geography	01(15 Lectures)
	1.1 Definition, nature and scope of Resources Geography 1.2 Concept of Resources 1.3 Classification of Resources 1.4 Significance of Resource Geography	
Module II	Mineral Resources	01 (15 Lectures)
	2.1 Importance of Mineral Resources 2.2 Types of Minerals 2.3 Distribution and Production of Iron Ore, Bauxite and Manganese in USA, USSR and India with special reference to Maharashtra	
Module III	Forests and Energy Resources	01(18 Lectures)
	3.1 Forest Resources: Importance of Forest, Types of Forest, Distribution and Characteristics of Forest Resources 3.2 Problems of Forest Resources 3.3 Energy Resources: Distribution and Utilization, Non-renewable (Oil, Natural Gas, Coal), Renewable (Solar, Hydro, Wind) 3.4 Problems and prospects of Energy Resources: Environmental impacts of non-renewable energy consumption, Prospects of Energy Resources	
Module IV	Computer Based Practical	01(12 Lectures)
	4.1 Line Graph 4.2 Bar Graph 4.3 Pie Chart 4.4 Proportional Circle	

References: -

1. Bruc Mitchell: Geography Resources Analysis, John Willy and Sons, New York
2. B. D. Nag Choudhary: Introduction to Environment Management, Inter Print Mehata House New Delhi.
3. Basant Singh: Sustainability: Demography of Resources , Geographical Publication Jaipur.
4. C. D. Deshpande: Geography of Maharashtra, National Book of Trust of India.
5. Cutter L., Ranwick H. L.: Exploration Conservation and Presentation : A Geographical Perspective and Natural Resources use, Rowmon and Allanheld, Towata.
6. Karave: Maharastra- Land and People.
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8. O.P. Mathewes: Water Resources Geography and Laws, Scientific Publisher Jodhpur.
9. Roonwal M. L.: The Natural Resources of Rajasthan, University Of Jodhpur, Jodhpur.
10. Zimmerman E. W. (1993): World Resources & Industries, Harper & Brothers, New York.

Vivekanand College, Kolhapur (Autonomous)
SYLLABUS, B.A. (Part II) Geography
 (Introduced from September, 2022 Onwards)
CBCS SYSTEM, Semester - IV
Oceanography, DSC-1022D1

1. Course Outcomes: -

- i) Students should be able to define nature and scope of oceanography.
- ii) Student should be able to describe temperature, salinity and currents of ocean.
- iii) Students should be able to classify ocean deposits.
- iv) Students should be acquainted with practical's related to oceanography i.e. hypsographic curve, wind rose, Isohalines and isotherms.

Module	Oceanography	(No. of Credits)
Module I	Introduction to Oceanography	01(15 Lectures)
	1.1 Definition, Nature and Scope of Oceanography 1.2 Oceanography and Physical Sciences 1.3 Branches of Oceanography 1.4 Significance of Oceanography	
Module II	Properties and Dynamics of Ocean	01 (15 Lectures)
	1.1 Oceanic Properties: Ocean Temperature and Salinity 1.2 Oceanic Movements: Waves, Tides, Currents (Pacific, Atlantic and Indian Ocean)	
Module III	Applied Oceanography	01(15 Lectures)
	3.1 Ocean or Marine deposits: Sources and Classification 3.2 Ocean Resources: Biotic, Mineral and Energy Resources 3.4 Ocean Pollution: Causes, Effects and Measures	
Module IV	Practical	01(15 Lectures)
	4.1 Hypsographic Curve 4.2 Wind rose 4.3 Isohalines 4.4 Isotherms	

References:-

1. Anikouchine, W.A. and Sternberg, R.W. (1973) The World Oceans - An Introduction to Oceanography, Englewood Cliffs, N.J.
2. Grald, S. (1980) General Oceanography - An Introduction, John Wiley & Sons, New York.
3. Garrison, T.(1998) Oceanography. Wadsworth.com. USA .
4. King, C.A.M.(1972) Beaches and Coasts, E. Arnold, London.
5. King, C.A.M(1975) Oceanography for Geographers E. Arnold, London .
6. Sharma, R.C. Vatel M. (1986)Oceanography for Geographers, Chetnya Publishing House,Allahabad.

7. Shepard, F.P.(1948) Submarine Geology, Harper & Sons, New York.
8. Thurman, H.B.(1984) Introductory Oceanography, Charles Webber E. Merrill Publishing Co.
9. Weisberg, J. and Howard(1976) Introductory Oceanography, McGraw-Hill Book Co., New York.
10. Davis.Richard J.A.(1986) "Oceanography - An Introduction to the Marine Environment".Wm. C. Brown Iowa.
11. Duxbury, C.A and Duxbury B.(1996) An Introduction to the world's Oceans -C.Brown. Iowa,2nd ed.
12. Garrison, T.(2001) "Oceanography - An Introduction to Marine Science, Books/Cole, Pacific Grove, USA.
13. Gross, M.Gran (1987) Oceanography: A View of the Earth , Prantice - Hall Inc. New Jersey.
14. Sharma, R.C.(1985) " The Oceans " Rajesh N.Delhi.
15. Ummerkuty, A.N.P.(1985) Science of the Oceans and Human life, NBT, New Delhi .
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20. पाध्ये अशोक (१९९८): सागरविज्ञान, नॅशनल बुक ट्रस्ट इंडिया, नवी दिल्ली.
21. घारपुरे , पवार (१९९८): सागरविज्ञान, पिंपळापुरे अँड कं . पब्लिशर्स, नागपूर.
22. सवदी, कोळेकर (२००४): हवामानशास्त्र व सागरशास्त्र, निराली प्रकाशन , पुणे.
23. श्री. दाते व सौ. दाते (१९७०): प्राकृतिक भूगोल , रावील पब्लिकेशन, सातारा.
24. जाधव बी. एस., जाधव के. आर., पाटील ए. बी., (२०१४): सागरशास्त्र, नाग नालंदा प्रकाशन, इस्लामपूर.
25. कोलते, पपुराणिक कुबडे (१९९०) : हवामानशास्त्र व सागरविज्ञान, विद्या प्रकाशन, नागपूर.

Vivekanand College, Kolhapur (Autonomous)

Syllabus, B.A. (Part II) Geography

(Introduced from September, 2022 Onwards)

CBCS System, Semester - IV

Agricultural Geography, DSC-1022D2

1. Course Outcome: -

1. Students be able to understand the concept and development of Agriculture.
2. Students be able to inspect the role of agricultural determinants towards the changing cropping pattern.
3. Students be able to revise the Green Revolution.
4. Students be able to know agricultural concepts and modern technologies used in Agriculture.

Module	Agricultural Geography	(No. of Credits)
Module I	Introduction to Agricultural Geography	01 (12 Lectures)
	1.1 Definition, Nature and Scope of Agricultural Geography 1.2 Evolution of agriculture: Ancient, Medieval and Modern Period 1.3 Determinants of Agriculture 1.4 Significance of Agricultural Geography	
Module II	Agricultural Systems and Land use Theory	01 (18 Lectures)
	2.1 Major Agricultural Systems of the World (Nomadic herding, Livestock ranching, Shifting cultivation, Intensive subsistence Farming, Commercial farming and Horticulture) 2.2 Von Thunen's theory of agricultural land use	
Module III	Concepts and Problems in Agriculture	01 (18 Lectures)
	3.1 Agricultural Regionalization (Crop Combination and Crop Diversification) 3.2 Agricultural Problems (physical and Human) 3.3 Modern Concepts in Agriculture (Green revolution and Organic Farming)	
Module IV	Important Agricultural Documents	01 (12 Lectures)
	4.1 Important Documents in Talathi Office 4.2 Importance of Land Revenue 4.3 Importance of Agricultural Journalism	

References: -

1. Bayliss Smith, T.P.: The Ecology of Agricultural Systems. Cambridge University Press, London, 1987
2. Berry, B.J.L. et. al. : The Geography of Economic Systems. Prentice Hall, New York, 1976
3. Brown, L.R. : The Changing World Food Prospects – The Nineties and Beyond. World Watch Institute, Washington D.C., 1990
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5. Desai G.N. and Vaidhanathan A : Strategic Issues in Future Growth of Fertilizer Use in India. McMillan Pub., New Delhi, 1998.
6. Gregor, H.P. : Geography of Agriculture. Prentice Hall, New York, 1970
7. Grigg D.B. : The Agricultural Systems of the World. Cambridge University Press, New York, 1974.
8. Morgan W.B. and Norton, R.J.C. : Agricultural Geography. Mathuen, London, 1971.
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10. Sarkar, A.K. : Practical Geography : A Systematic Approach. Oriental Longman, Calcutta, 1997.
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१५. धारपुरे विठ्ठल: कृषि भूगोल, पिंपळापुरे अँड कं . पब्लिशर्स, नागपूर - २०००
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GEOGRAPHY & IDS (TOURISM) - B.A. II (From September, 2022)

Sem. III & Sem. IV
Structure of the Question Paper
Discipline Specific Course

Total Marks: 35

- **All Questions are compulsory (Based on all Modules)**

Sr. No.	Nature	Marks
Q. 1.	A. Multiple Choice Questions	05 Marks
Q.2.	A. Broad Answer Question	10 Marks
	B. Broad Answer Question	10 Marks
Q.3	Short notes (Any 2)	10 Marks
	Total	35 Marks

Internal Evaluation: 15 Marks

Sr. No.	Evaluation Type	Marks
1.	Home Assignment	07
2.	Unit Test	08
	Total	15