



P.P. Swami Vivekanand Sevashram Sanstha, Shirala's  
**VISHWASRAO NAIK ARTS, COMMERCE &  
BABA NAIK SCIENCE MAHAVIDYALAYA, SHIRALA**

Tal.: Shirala, Dist.: Sangli, Maharashtra - 415408

(Affiliated to Shivaji University, Kolhapur.)

**(JUNIOR/SENIOR)**

NAAC GRADE - 'B'

Junior College Code : 15  
Junior College No. J-22-09-001  
UDISE No.: 27350713220



EST : JUN-1970

Principal : **Dr. R. B. Bansode**  
M.A., M.Phil., Ph.D.

(02345) 272107 vishwasraonaik@rediffmail.com www.vnbnmshirala.org

Out Ward No. V.N.M. /

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Date : / / 20

## PROGRAM OUTCOMES

By the end of the program the students will be able to:

### **P01: Relating to Knowledge**

- 1.1 Provide explanation of definitions, relevant terms and concept of geography.
- 1.2 Provide better explanation about relevant principles, theories and models in geography.
- 1.3 Provide idea about detail knowledge regarding man and environmental process.

### **P02: Understanding and application**

- 2.1 Know the importance of spatio-temporal scale.
- 2.2 Know the relation or complex nature between physical and human environments.
- 2.3 Identify the importance of places, environment and people.
- 2.4 Understand how processes bring changes in systems and its distribution.

### **P03: Students Skills**

- 3.1 Collection, representation and Interpretation of geographical data and sources.
- 3.2 Presentation of geographical evidence and ideas with identifying geographical trends and patterns.
- 3.3 Application of the cartographical techniques to support the inferences of geographical aspects.
- 3.4 Make obvious skill of analysis of geographical information.



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## **P04: Students Evaluation**

- 4.1 Critically evaluate the basics of geography.
- 4.2 Assess the effects of geographical processes and its impact on physical and human environments.
- 4.3 Assess how the viewpoints of different groups of people, potential conflicts of interest and other factors interact in the management of physical and human aspects.
- 4.4 Evaluate the relative success of failure of initiatives.

## **PROGRAMME SPECIFIC OUTCOME (PSO)**

### **B. A. Part-I**

- 1) The Students are known the branches of Geography and latest concepts in Physical Geography Specifically in Atmosphere, Lithosphere, Fluvial Cycle and Hydrosphere.
- 2) The students are understood the Human races, Population growth, Characteristics of Population and Settlements.

### **B. A. Part-II**

- 1) Understand Knowledge in the field of Geography.
- 2) Understand Geographical ideas and thought.
- 3) Develop the advanced cartographic and surveying technological approach.
- 4) Understand the creative research in GIS and Remote Sensing.
- 5) Develop the skill of the students in instrumental survey.
- 6) Overall personality development of the learners.



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## COURSE OUTCOMES

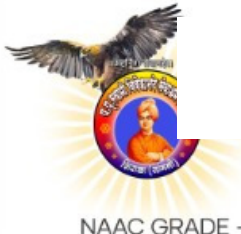
- 1) Students will be able to understand the basic concepts in Physical Geography.
- 2) Students understand basic terms used to describe physical processes and landscape forms.
- 3) Students understand the atmosphere.
- 4) Students understand the concept of maps and globe.
- 5) Students will be able to understand the basic concepts in Human Geography.
- 6) Students understand basic terms used to describe population, settlements and agriculture.
- 7) Students understand the concept of Google Earth and Google Map.

### **B. A. Part – I Year**

#### **DSE Paper No. I Subject - Physical Geography**

This paper intends to acquaint the students with various dimensions of, as also the challenges, confronting the physical geography. The Geography students of B. A. Part-I can better understand all latest concepts in Physical Geography and Human Geography in brief but in adequate manner.

The objective of this course is to introduce the latest concepts in Physical Geography and Human Geography, Specifically in Atmosphere, Lithosphere, Fluvial Cycle, Hydrosphere, Human races, Population growth, Characteristics of Population and Settlements.



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## **DSE Paper No. II Subject - Human Geography**

This paper intends to acquaint the students with various dimensions of, as also the challenges, confronting the Indian economy. It endeavours to provide useful insights to the students about the present economic standing and composition of the Indian economy, the major sectors and their relative importance in the Indian economy and the major challenges faced by it.

### **B. A. Part - II Year**

#### **Paper No. III - SOIL GEOGRAPHY**

Students should know soil geography which is the fundamental branch of Physical Geography. To familiarize the students with the basics and fundamental concepts of soil geography. With this study, students understand soil is key resource for the development of any country. Students are aware about process of soil formation and development as well as soil properties. Students should know classification, characteristics and distribution of soils. Students should know the concepts related to soil degradation and erosion, causes and controlling factors of soil erosion, conservation of soils. Students should know the concept, need and methods soil of management.

#### **DSC Paper No. IV - RESOURCE GEOGRAPHY**

- To understand the concept and classification of Resources.
- To examine the major resources (water, forest, energy and human) with their distribution, utilization and problems.
- To study the sustainable resource development.



The course also aims to familiarize the students with cartographic techniques.

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### **DSC Paper -V - OCEANOGRAPHY**

Students should know oceanography is the fundamental branch of Physical Geography.

- To familiarize the students with the basic and fundamental concepts of oceanography with this study, students understand marine is key resource for the development of any country.
  - Students should know physical and chemical properties of oceans.
- Students should know types of oceanic currents and currents of Atlantic, Pacific and Indian oceans.
- Students should know hypsographic curve, wind rose, Isosalines and isotherms.

### **DSC Paper No. VI - Agricultural Geography**

- To understand the concept and development of Agriculture.
- To examine the role of agricultural determinants towards the changing cropping pattern.
- To study the Green Revolution.
- The course also aims to familiarize the students with the Agricultural concepts and modern technologies used in Agriculture.





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## Science Technology and Development

### B. A. Part – I Year

#### PROGRAM OUTCOMES

- 1) To study the fundamental concepts of science, technology and development.
- 2) To study the contribution of eminent scientist in the development of science and technology.
- 3) To study non-conventional power resources of India.
- 4) To study impact of science and technology on human health.
- 5) To study various types of disasters and its management.
- 6) To study means of communication and information technology.
- 7) To study science technology in space and ocean research.
- 8) To study space technology in India's defence and agriculture.

#### COURSE OUTCOMES

- 1) Student should be able to understand in-depth about the concepts of science, technology and development.
- 2) Students should be able to understand contribution of eminent scientists in the development of science and technology.
- 3) Students should be able to study non-conventional power resources in the country.
- 4) Students should understand impact of science and technology on human health.
- 5) Students should understand types of disasters and its management.
- 6) Students should understand means of communication and information technology.

- 7) Students should be able to understand science technology in space and ocean research.
- 8) Students should understand technology in India's defence and agriculture.