

# **SHIVAJI UNIVERSITY, KOLHAPUR.**



**Accredited By NAAC with 'A' Grade**

**Revised Syllabus For**

**B. A. Part-II**

**Geography Course / Paper-V**

**CBCS PATTERN**

**Syllabus to be implemented from**

**NEP - 2020 PATTERN**

**June, 2023 onwards.**

## Geography (Oceanography)

### Semester –IV

Module	Teaching Hours	Credit
<b>Module I : Introduction to Oceanography</b>	<b>12</b>	<b>0.75</b>
1.1 Definition, Nature and Scope of Oceanography		
1.2 Oceanography and Physical Sciences		
1.3 Branches of Oceanography		
1.4 Significance of Oceanography		
<b>Module II: Properties and Dynamics of Ocean</b>	<b>15</b>	<b>01</b>
2.1 Oceanic Temperature: Factors affecting on ocean temperature and Distribution of oceanic temperature		
2.2 Salinity of Ocean: Factors affecting on Oceanic salinity and Horizontal distribution of oceanic salinity		
2.3 Oceanic Currents: Types of Oceanic currents, Responsible factors for Origin of ocean currents and Ocean currents of the Pacific, Atlantic and Indian Ocean		
<b>Module III: Applied Oceanography</b>	<b>13</b>	<b>01</b>
3.1 Ocean or Marine deposits: Sources and Classification		
3.2 Ocean Resources – Biotic- Mineral and Energy Resources		
3.3 Ocean as sources of food and as storehouse of resources for the future		
<b>Module IV: Man and Oceans</b>	<b>12</b>	<b>01</b>
4.1 Manipulation of costal process		
4.2 Ocean Pollution – Causes, Effects and Measures		
4.3 Overfishing and fishery management		
<b>Module V: Practical's (Theory Only)</b>	<b>08</b>	<b>0.25</b>

## 5.1 Hypsographic Curve

## 5.2 Wind rose

## 5.3 Isohalines

## 5.4 Isotherms

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