

CURRICULUM PLAN, 2025-2026

B.A. (Hons.)

Geography

Semester –IV(NEP)

Name of the Teacher: Dr. USHA K. PATHAK

Paper Name: OCEANOGRAPHY

Unit No.	Name of Topic	Tutorial/Assignment/ Presentation etc.	Allocation of Lectures	Assessment Tasks	Teaching and Learning Activity
1	Significance of Oceanography, Human actions and the Oceans, Challenges to Sustainability of Marine Ecosystems, Role of Sea surface Temperature (SST) as Global Climate Regulator	<ul style="list-style-type: none">• Significance of Oceanography• Challenges to Sustainability of Marine Ecosystems• Role of Sea surface Temperature (SST) as Global Climate Regulator	(20) 2 nd Jan -20th Jan 2026	Assignments, Hands-on Exercise, classroom test.	Classroom Lectures,

2	<p>Ocean Bottom Topography – Relief of Ocean Floor with Global examples</p>	<ul style="list-style-type: none"> • Relief of Ocean Floor with Global examples 	<p>(30) 21th Jan -20 th Feb 2026</p>	<p>Assignment s, Hands-on exercise, classroom test.</p>	<p>Classroom Lectures,</p>
3	<p>Properties of Ocean Water: Salinity and Temperature (Horizontal and Vertical Distribution); Oceanic currents</p>	<ul style="list-style-type: none"> • Salinity and Temperature (Horizontal and Vertical Distribution) • Oceanic currents 	<p>(20) 21th Feb- 15 th March 2026</p>	<p>Assignmen ts, Hands-on exercise,</p>	<p>Classroom Lectures,</p>
4	<p>Marine Ecosystems: Coral Reef, Mangrove, Open and Deep Sea</p>	<ul style="list-style-type: none"> • Coral Reef, • Mangrove, • Open and Deep Sea 	<p>(10) 16th March- 10th April 2026</p>	<p>Assignments , Hands-on exercise, classroom test.</p>	<p>Classroom Lectures,</p>
5	<p>Marine Challenges and Management, Marine Policy: Integrated Coastal Zone Management (ICZM) with reference to India and SDG 14; Life Below Water</p>	<ul style="list-style-type: none"> • Integrated Coastal Zone Management (ICZM) with reference to India and SDG 14; Life Below Water 	<p>(20) 11th April - 26th April 2026</p>	<p>Assignmen ts, Hands- on exercise, classroom test,</p>	<p>Classroom Lectures,</p>

