

CURRICULUM PLAN, 2024-2025

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) 1st Jan -20th Feb 2025	Assignments, Hands-on Exercise, classroom test.	Classroom Lectures,

2	Ocean Bottom Topography – Relief of Ocean Floor with Global examples	<ul style="list-style-type: none"> • Relief of Ocean Floor with Global examples 	(30) 21th Feb -20 th March 2025	Assignment s, Hands-on exercise, classroom test.	Classroom Lectures,
3	Properties of Ocean Water: Salinity and Temperature (Horizontal and Vertical Distribution); Oceanic currents	<ul style="list-style-type: none"> • Salinity and Temperature (Horizontal and Vertical Distribution) • Oceanic currents 	(20) 21th March-10 th April 2025	Assignmen ts, Hands-on exercise,	Classroom Lectures,
4	Marine Ecosystems: Coral Reef, Mangrove, Open and Deep Sea	<ul style="list-style-type: none"> • Coral Reef, • Mangrove, • Open and Deep Sea 	(10) 12th April - 22th April 2025	Assignments , Hands-on exercise, classroom test.	Classroom Lectures,
5	Marine Challenges and Management, Marine Policy: Integrated Coastal Zone Management (ICZM) with reference to India and SDG 14; Life Below Water	<ul style="list-style-type: none"> • Integrated Coastal Zone Management (ICZM) with reference to India and SDG 14; Life Below Water 	(20) 23 th April - 28 th May 2025	Assignmen ts, Hands- on exercise, classroom test,	Classroom Lectures,

