

COLLEGE OF FISHERIES, KISHANGANJ

BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA

Lecture Plan/Schedule

Course Title: Coastal Zone Management

Course No.-AEM-311 (1+1)

Name of Instructor : Madhu Kumari

Theory

Sl. No.	Topic	No. of Classes
1.	Coastal zone management- An introduction	1
2.	Estuaries	1
3.	Wetlands	1
4.	Lagoons	1
5.	Mangroves	1
6.	Corals	1
7.	Coastal Regulation Zone	2
8.	Environmental Impact Assessment	2
9.	EIA of Coastal Industries	1
10.	Remote sensing and its application to the Fisheries	1
11	Geographical Information System and its application to the Fisheries	1
12	Integrated Coastal Zone Management	2
13	Impacts of human activities on coastal and ocean areas: Challenges related to climate change, expanding tourism, declining fisheries, intensive shipping and biodiversity protection	1
14	Evaluation and Methodology; Social Impact Assessment and other developmental activities.	1
15	International Agreements and Commitments to Convention and different Acts related to the Coastal Zone Management	1
	Total number of theory classes	18

Practical

Sl. No.	Topic	No. of Practical Classes
1.	Study of coastal states and different coasts of India	1
2.	Identification of Ecologically Sensitive Areas of India	1
3.	Study of Coastal Regulation zone along coastal belt	1
4.	Study of different estuaries and mangrove forest of India	1
5	Identification of different Biosphere Reserves of India	1
6	Study of different Marine Protected Areas of India	1
7	Study of organisms of rocky, sandy and muddy shore	2
8	Study of organisms of lotic and lentic habitats	1
9.	Observation of adaptive characters and interrelationships like commensalisms, symbiosis, parasitism and predation to combat disaster.	1
10	Study of ICZM project along coastal state of India	1
11	Application of Remote sensing and GIS to the fisheries	1
12	Working out biodiversity indices	2
13	Project preparation of EIA	1
14	Field visits to mangroves/ marine parks/ sanctuaries/ coral reefs/ rivers/ hills,/streams/lakes /reservoirs	1
	Total numbers of practicals	16