

**COLLEGE OF FISHERIES, KISHANGANJ
BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA**

Lecture Plan/Schedule

Course Title: Sustainable Fisheries Management

Course No.: FRM 501; 3 (2+1)

S. No.	Topic	No. of classes
THEORY		
1	Major inland fisheries resource of the world	01
2	Major inland fisheries resource of India	01
3	Status of the inland fisheries resources of India and world	01
4	Major marine fisheries resource of the world	01
5	Major marine fisheries resource of India	01
6	Status of the marine fisheries resources of India and world	01
7	Fishing gears and crafts in inland and marine waters - Catch composition in different gears	01
8	Pelagic, Demersal, Oceanic, Deep-Sea fishery	04
9	Ghost fishing	01
10	Overexploitation, Overcapacity, pollution, Habitat degradation / biodiversity loss	01
11	Damming of rivers, Interlinking of rivers	01
12	Environmental flows	01
13	Fishing conflicts - Exotics; Trans-boundary issues, IUU fishing, Interlinking of rivers- Climate change	01
14	Bycatch and discards	01
15	Components of sustainability, Indicators and goals of sustainability	01
16	Eco-friendly fishing, Ecosystem Based Fisheries Management	01
17	Bycatch reduction- Rebuilding fishery, Rebuilding stock	01
18	Co-management - right based fishing - input control (fishing efforts, mesh regulations, fishing ban, licensing, capital investments, etc.)	01
19	output control (catch quotas, minimum legal size, etc.)	01
20	Fishery reserve-technical measures, Spawning aggregates	01
21	Trade agreement - Market-based instruments	01
22	Access right - Catch sharing-balanced fishing-Subsidy - certification and traceability	01
23	Sustainable management approach in lake, Reservoir and bheels	01
24	Right based fishing- Catch sharing access right- Balanced fishing	01
25	Technical Guidelines of CCRF for responsible fishing	01
26	National and International treaties (National policy on marine fisheries-2017; National policy on inland fisheries- 2019; MFRA's; UNCLOS; UNFSA; IOTC)	04
PRACTICAL		
1	Capture fisheries observation at lakes	02
2	Capture fisheries observation at reservoirs	02
3	Capture fisheries observation at river stretches	02
4	Capture fisheries observation at marine landing centres	02
5	Species landings analysis	02
6	Interaction with managers Co-operative societies and stakeholders	01
7	Fleet capacity assessment	01
8	Visit to fishery reserves to understand management	01
9	Field survey and observation of fisheries issues, development of management plan	03
Total no. of classes (Theory+Practical)		48


(Anjali Pushp)