

Fisheries Economics, FEES-211, 3(2+1)

Theory:

Sl. No.	Topic	No. of lecture	Name of the Course Instructor
1	Introduction to fisheries economics; basic economic terminologies – micro and macroeconomics, positive and normative economics, environmental economics, resource, scarcity, farm-firm relationships, production, Contribution of fisheries sector to the economic development of the country.	2	Dr.Tenji Pem Bhutia
2	Entire fish value chain system including forward – backward linkage to primary producers – farmers and fishers.	1	
3	Micro-economics: theories of demand and supply	2	
4	Market – equilibrium price, consumption, utility, Consumer surplus.	1	
5	Elasticity – price, income, cross; application of elasticity in fisheries managerial decision.	1	
6	Farm production economics – production functions in capture and culture fisheries;	3	
7	Costs and returns –breakeven analysis of fish production system; concepts of externalities and social cost; factors of production, marginal cost and return, law of diminishing marginal return	3	
8	Returns to scale, economies of scale and scope, revenue, profit maximization, measurement of technological change, Significance or importance of marginal cost.	2	
9	Farm planning and budgeting	1	
10	Macro-economics: Introduction to national income, accounting, measurement and determinants of national income, contribution of fisheries to GNP and employment;	3	
11	Balance of payments	1	
12	Economic growth and sustainable development	1	
13	Globalization: dimensions and driving Forces.	1	
14	Introduction to GATT and WTO.	1	
15	WTO Framework – Key Subjects - Agreement on Sanitary and Phytosanitary Measures (SPS)	1	
16	Seafood Export Regulations; Non-Tariff Barriers (NTBs) and Agreement on Anti-Dumping Procedures.	2	
17	Fisheries Subsidies	1	
18	Fisheries Trade and Environment	1	
19	Protests against globalisation and WTO. Intellectual Property Rights (IPR) and different forms. Patents and patenting process, Agreement on TRIPS.	2	
20	Bio-piracy and GMOs in fisheries.	1	
21	Salient features of Indian Patent (Amendment) Act 2005. Overview of Patents in Indian fisheries sector.	1	
Total		32	

Practical:

Sl. No.	Topic	No. of lecture	Name of the Course Instructor
1	Demand and supply functions of fish market	2	Dr.Tenji Pem Bhutia
2	Determination of equilibrium price for fish and fisheries products	2	
3	Calculation of price, income and cross elasticities	2	
4	Production function – production with one or two variable inputs.	3	
5	Shifting demand and surplus curve and its importance in fish price.	2	
6	Economic analysis on cost and return	2	
8	Breakeven analysis of any two production units like fish farm / shrimp farm / seed production unit /fish processing plant / export unit.	3	
	Total	16	