

B.Sc., Honours in AQUACULTURE: MAJOR
w.e.fAY2023-24
DEPARTMENT OF AQUACULTURE

YEAR	Semester		Title of the Major Paper
FIRST YEAR	Semester-I	1	Introduction to Classical Biology
		2	Introduction to Applied Biology
	Semester -II	3	Taxonomy and Functional Anatomy of Fin Fish and Shellfish-(T)
			Taxonomy and Functional Anatomy of Fin Fish and Shellfish-(P)
		4	Biology of fin fish & shell fish-(T)
Biology of fin fish & shell fish-(P)			
		COMMUNITY SERVICE PROJECT	
SECOND YEAR	Semester-III	5	Basic Principles of Aquaculture-(T)
			Basic Principles of Aquaculture-(P)
		6	Capture Fisheries-(T)
			Capture Fisheries-(P)
		7	Fresh water Aquaculture-(T)
			Freshwater Aquaculture-(P)
		8	Brackish water Aquaculture-(T)
			Brackish water Aquaculture-(P)
	Semester-IV	9	Fish Health management-(T)
			Fish Health management-(P)
		10	Shrimp Health Management-(T)
Shrimp Health Management-(P)			
11		Fish nutrition & Feed technology-(T)	
	Fish nutrition & Feed technology-(P)		
		SHORT-TERM INTERNSHIP FOR 2MONTHS	
THIRD YEAR	Semester-V	12	Extension, Economics & Marketing-(T)
			Extension, Economics & Marketing-(P)
		13	Ornamental Fishery-(T)
			Ornamental Fishery-(P)
		14	Fishery Engineering-(T)
			Fishery Engineering-(P)
		15	Fish Processing Technology-(T)
			Fish Processing Technology-(P)
	Semester-VI	LONG-TERM INTERNSHIP FOR 4 MONTHS	
	FINAL YEAR	Semester-VII	16
Post Harvest Technology & Transportation-(P)			
17			Fishery Microbiology- (T)
			Fishery Microbiology-(P)
18			Quality Control in Processing Plants.-(T)
			Quality Control in Processing Plants. -(P)
Semester-VIII		19	Crustacean culture-(T)
			Crustacean culture-(P)
		20A	Molluscan and Seaweed culture-(T)
			Molluscan and Seaweed culture-(P)
		20B	Genetics in Aquaculture- (T)
			Genetics in Aquaculture-(P)
		21A	Marine Fin Fish culture- (T)
			Marine Fin Fish culture-(P)
21B	Fish Immunology-(T)		
	Fish Immunology-(P)		