



Andhra Pradesh State Council of Higher Education

B.Sc., Honours in AQUACULTURE: MAJOR

w.e.f AY 2023-24 onwards

COURSE STRUCTURE

SEMESTER	Code	Title of the paper	Hr /week	Credits
I	1	Introduction to Classical Biology	5	4
	2	Introduction to Applied Biology	5	4
II	3	Taxonomy and Functional Anatomy of Fin Fish and Shellfish - (T)	3	3
		Taxonomy and Functional Anatomy of Fin Fish and Shellfish - (P)	2	1
	4	Biology of fin fish & shell fish - (T)	3	3
		Biology of fin fish & shell fish- (P)	2	1
III	5	Basic Principles of Aquaculture- (T)	3	3
		Basic Principles of Aquaculture - (P)	2	1
	6	Capture Fisheries- (T)	3	3
		Capture Fisheries- (P)	2	1
	7	Fresh water Aquaculture- (T)	3	3
		Fresh water Aquaculture- (P)	2	1
	8	Brackish water Aquaculture- (T)	3	3
		Brackish water Aquaculture- (P)	2	1
IV	9	Fish Health management- (T)	3	3
	9	Fish Health management- (P)	2	1
	10	Shrimp Health Management- (T)	3	3
	10	Shrimp Health Management- (P)	2	1
	11	Fish nutrition & Feed technology - (T)	3	3
	11	Fish nutrition & Feed technology - (P)	2	1
V	12	Extension, Economics & Marketing- (T)	3	3
	12	Extension, Economics & Marketing- (P)	2	1
	13	Ornamental Fishery- (T)	3	3
	13	Ornamental Fishery - (P)	2	1
	14	Fishery Engineering- (T)	3	3
	14	Fishery Engineering - (P)	2	1
	15	Fish Processing Technology- (T)	3	3
	15	Fish Processing Technology- (P)	2	1
VI		Internship		
VII	16	Post Harvest Technology& Transportation- (T)	3	3
	16	Post Harvest Technology& Transportation - (P)	2	1
	17	Fishery Microbiology- (T)	3	3
	17	Fishery Microbiology - (P)	2	1
	18	Quality Control in Processing Plants. - (T)	3	3
	18	Quality Control in Processing Plants. - (P)	2	1
VIII	19	Crustacean culture- (T)	3	3
	19	Crustacean culture - (P)	2	1
	20 A	Molluscan and Seaweed culture- (T)	3	3
	20 A	Molluscan and Sea weed culture - (P)	2	1
		OR		
	20 B	Genetics in Aquaculture- (T)	3	3
	20 B	Genetics in Aquaculture - (P)	2	1

	21 A	Marine Fin Fish culture- (T)	3	3
	21 A	Marine Fin Fish culture - (P)	2	1
		OR		
	21 B	Fish Immunology- (T)	3	3
	21 B	Fish Immunology - (P)	2	1

Skill Enhanced Courses Syllabus will be available in due course of time.