

A.S. D GOVT.DEGREE COLLEGE FOR WOMEN (A), KAKINADA

DEPARTMENT OF ZOOLOGY & AQUACULTURE TECHNOLOGY

2019-2020

Aquaculture Technology Courses offered

Year	Semester	TITLE	Course type (T/L/P)
I	I	Basic Principles of Aquaculture	T
		Basic Principles of Aquaculture Practical	P
	II	Biology of Fin Fish And Shell Fish	T
		Biology of Fin Fish And Shell Fish Practical	P
II	III	Fish Nutrition And Feed Technology	T
		Fish Nutrition And Feed Technology Practical	P
	IV	Fresh Water And Brackish Water Aquaculture	T
		Fresh Water And Brackish Water Aquaculture Practical	P

COURSE OUTCOMES (CO's)

SEMESTER-I

BASIC PRINCIPLES OF AQUACULTURE

CO1: Students can able to create different aquaculture systems.

CO2: They can evaluate the concept of ecology and pond eco-system.

CO3: They analyze the classification of fish ponds

CO4: Students can easily understand the preparation of pond and Field visit to hatchery

SEMESTER-II

BIOLOGY OF FIN FISH & SHELLFISH

CO1: Students are able to understand the classification of cultivable fin and shell fish.

CO2: Students can analyze the food and feeding growth of fish

CO3: Students can evaluate reproductive biology.

CO4: Students can easily understand development of fishes, hormones and growth

SEMESTER-III

FISH NUTRITION & FEED TECHNOLOGY

CO1: Students can understand the nutritional requirements of cultivable fish.

CO2: Create the knowledge in feed preparation and feeding habits.

CO3: Students are able to evaluate fish feed manufacture and storage.

CO4: Students analyze the estimation of protein content in aquaculture feeds

SEMESTER-IV_ PAPER-IV

FRESH WATER & BRACKISH WATER AQUACULTURE

CO1: Students can understand the present status of freshwater aquaculture and their role in world economy and food production.

CO2: Create knowledge in life history stages of freshwater fish and prawn.

CO3: Students gain analytical and technical knowledge of prawn hatchery technology and brackish water species.

CO4: They evaluate the carp and prawn culture and composite fish culture systems.