

**P.R.GOVERNMENT COLLEGE (A), KAKINADA**  
**DEPARTMENT OF ZOOLOGY**

## **Course outcomes for Aqua culture course**

### **I SEMESTER-BASIC PRINCIPLES OF AQUA CULTURE**

- CO1** To learn about blue revolution
- CO2** To learn about scope of aqua culture at global level
- CO3** To learn about fresh water culture

### **II SEMESTER- BIOLOGY OF FIN FISH AND SHELL FISH**

- CO1** General characters of fish
- CO2** classification of fishes
- CO3** food and feeding of fishes
- CO4** Reproduction of fishes

### **III SEMESTER-FISH NUTRITION AND FEED TECHNOLOGY**

- CO1** nutritional requirement of cultivable fish
- CO2** feed manufacturing
- CO3** feed formulations

### **SEMESTER IV-FRESH WATER AND BRACKISH WATER AQUA CULTURE**

- CO1** introduction of fresh water aquaculture
- CO2** carp culture
- CO3** culture of air breathing fishes
- CO4** culture of prawn

### **SEMESTER V-FISH HEALTH MANAGEMENT**

- CO1** pathology and parasitology in fish
- CO2** diseases of fin fish
- CO3** diseases of shell fish
- CO4** nutritional diseases in fish

## **SEMESTER V- FISHERIES EXTENSION, ECONOMICS AND MARKETING**

**CO1** scope of economics

**CO2** fisheries marketing

**CO3** basic marketing functions

**CO4** socio economic conditions of fisher man

## **VI SEMESTER - ORNAMENTAL FISHERY**

**CO1** aquarium and ornamental fishes

**CO2** aquarium accessories

**CO3** fresh water or ornamental fishes

**CO4** marine ornamental fishes

## **VI SEMESTER -FISH PROCESSING TECHNOLOGY CLUSTER A**

**CO1** principles of fish preservation

**CO2** fundamental principles involved in chilling

**CO3** export of fishery products

## **VI SEMESTER FISHERY MICROBIOLOGY AND FISHERY BY-PRODUCTS CLUSTER B**

**CO1** history and development of microbiology

**CO2** aquatic microbiology

**CO3** fish microbiology

**CO4** fishery by products

## **VI SEMESTER QUALITY CONTROL IN PROCESSING PLANTS CLUSTER C**

**CO1** quality management total quality concept and application in fish trade

**CO2** Sensory evaluation of fish

**CO3** hazards in sea food