

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

COURSE OUTCOMES FOR COMMERCIAL AQUA CULTURE COURSE

I SEMESTER:

PAPER: CORE 1 : BIOLOGY OF FISHES

CO1 - By the end of the course the student will be equipped with the

Knowledge of taxonomy, morphology and physiology of fin and shell fishes.

CO2 - Knowledge on the basic taxonomic tools for the identification of fin and shell

Fishes will be learnt by the students.

I SEMESTER:

PAPER: CORE II : PRINCIPLES AND AQUATIC ECOLOGY

CO1 – By the end of the course the student will be equipped with the aquatic ecosystem

CO2 - knowledge on the pond ecosystem will be learned by the student.

CO3 – knowledge on the cultivable fishes will be learnt by the students .

CO4- To learn about blue revolution and scope of aquaculture at global level

I SEMESTER:

PAPER: CORE III :FRESHWATER AQUACULTURE

**CO1 - By the end of the course the student can able to gain the knowledge on the fresh
water aquaculture practices.**

CO2- knowledge on the culture systems be learnt by the students

**CO3 – By the end of the course students develops knowledge of fin fish and shell fish
Cultures.**

II SEMESTER:

PAPER: CORE IV :BRACKISH WATER AQUACULTURE AND MARICULTURE

CO1 –knowledge on the biology and biological cycle of the brackish water and marine

Water cultivable species will be learnt.

CO2 - knowledge on the brackish water culture practices will be learnt by the student

CO3 – knowledge on the mariculture practices will be learnt by the student

II SEMESTER:

PAPER: CORE V : HATCHERY MANAGEMENT AND AQUATIC ORGANISMS

CO1 – knowledge on carp hatchery and their management.

CO2 – knowledge on carp production system and seed productions of other fishes

CO3 - knowledge on shrimp hatchery establishment and management

II SEMESTER:

PAPER: CORE VI : FISHING METHODS

CO1 – Students will be learn the knowledge on crafts

**CO2 – Mechanism involved in the operation of the fishing gears will be learnt by the
Students.**

CO3 - Tools for the identification of fishery resources will be learnt by the students