

ASD GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

DEPARTMENT OF ZOOLOGY & AQUACULTURE TECHNOLOGY

AQUACULTURE TECHNOLOGY ACADEMIC PLAN 2020-21

I SEMESTER

MONTH	TOPIC COVERED
FEBRUARY'21	UNIT I : Introduction of aquaculture , blue revolution & History
MARCH'21	UNIT II : Pond Ecosystem
APRIL'21	UNIT III: Types of Fish Ponds
MAY'21	UNIT IV :Pond Preparation
JUNE'21	UNIT V: Pond Management Factors

II SEMESTER

MONTH	TOPIC COVERED
JUNE'21	UNIT I : general characters & Classification of Cultivable Fin & Shell Fish.
JULY'21	UNIT II : Food, Feeding and Growth fin & shell fish.
AUGUST'21	UNIT III : Reproductive biology of fish and shell fish.
SEPTEMBER '21	UNIT IV : Development of fin &shell fish.
OCTOBER'21	UNIT II : Hormones &Growth of fin &shell Fish.

III SEMESTER

MONTH	TOPIC COVERED
OCTOBER'20	UNIT I : Nutritional Requirements of cultivable fish
NOVEMBER'20	UNIT II : Forms of feeds & Feeding methods
DECEMBER'20	UNIT III : Feed manufacture and Storage
JANUARY '21	UNIT IV : Feed additives and Non Nutrient Ingredients
FEBRUARY '21	UNIT V : Nutritional Deficiency in cultivable fish

IV SEMESTER

MONTH	TOPIC COVERED
APRIL'21	UNIT I: introduction of fresh water aquaculture
MAY'21	UNIT II: Carp Culture
JUNE'21	UNIT III: Culture of Air Breathing and Cold Water Fish
JULY'21	UNIT IV: Culture of Prawn
AUGUST'21	UNIT V: Culture of Brackish Water Species

V SEMESTER

MONTH	TOPIC COVERED
OCTOBER'20	Paper V : Pathology and parasitology Paper VI : Introduction to fisheries economics
NOVEMBER'20	Paper V : Diseases of fin fish

	Paper VI: Fisheries marketing
DECEMBER'20	Paper V: Diseases of shell fish Paper VI : Fisheries economics
JANUARY '21	Paper V: Nutritional Diseases Paper VI: Fisheries Extension
FEBRUARY '21	Paper V: Fish health management Paper VI: Transfer of Technology

VI SEMESTER

MONTH	TOPIC COVERED
APRIL'21	Paper : VII (A) UNIT I - introduction to ornamental fish & aquarium Paper : VIII – B -1 : Introduction to fish preservation Paper : VIII- B -2 : Introduction to microbiology in aquatic environment Paper : VIII- B -3: Quality management & Quality Standards of fish
MAY'21	Paper : VII (A) UNIT II : Fresh Water Ornamental Fishes Paper : VIII – B -1 : Freezing and Canning Paper : VIII- B -2 : Aquatic microbiology Paper : VIII- B -3: sensory evolution of fishes & Statistical Analysis of fishery products
JUNE'21	Paper : VII (A) UNIT III : Marine ornamental Fishes Paper: VIII – B -1: Drying, smoking and Freeze –Drying. Paper : VIII- B -2 : Fish Microbiology Paper : VIII- B -3: IDP & SAT formations, Factory sanitation and hygiene
JULY'21	Paper : VII (A) UNIT IV : Aquarium Management Paper : VIII – B -1 : Paking and cold storage Paper : VIII- B -2 :Fishery by products Paper : VIII- B -3: Hazards in sea foods
AUGUST'21	Paper : VII (A) UNIT V :Commercial Production of Aquarium fish and prawn Paper : VIII – B -1 : Export of fishery Products Paper : VIII- B -2 : Fishery Value Added products Paper : VIII- B -3: hazards in sea foods