



# **ST AGNES COLLEGE (AUTONOMOUS)**

*Mangaluru*

Re-accredited by NAAC with A+ Grade, CGPA 3.65/4 (Cycle 4)

College of Excellence by UGC, New Delhi

Star College Status by DBT, MST, Govt. of India

## **DEPARTMENT OF ZOOLOGY**

**2022-2023**

### **VALUE ADDED COURSE: AQUARIUM FISH KEEPING**

**COURSE CODE: VAC51**

**DURATION: 30 HOURS**

**RESOURCE PERSON**

Ms Vivid S Dsouza  
Department of Zoology

#### **Course Outcomes:**

**on completion of the course, the students**

- Develop interest in research.
- Develop positive values to work in a laboratory like cleanliness, discipline, punctuality and teamwork.
- Develop confidence to guide a team and also work independently.
- Learn to prepare in advance the plan of action in a systematic way.
- Learn practical skills to produce something valuable.
- Develop entrepreneurship skills and are motivated to become self employed, self reliant and financially independent.

## SYLLABUS/COURSE CONTENT

### THEORY: 16 HOURS

- Introduction to Aquarium Fish Keeping
- The potential scope of Aquarium Fish Industry as a Cottage Industry
- Exotic and Endemic species of Aquarium Fishes
- Biology of Aquarium Fishes
- Common characters and sexual dimorphism of Fresh water and Marine Aquarium fishes
- Use of live fish feed organisms.
- Preparation and composition of formulated fish feeds
- Fish Transportation and Aquarium Maintenance
- Live fish transport - Fish handling, packing and forwarding techniques.
- General Aquarium maintenance-budget for setting up an Aquarium Fish Farm as a Cottage Industry

### PRACTICALS: 14 HOURS

- Common characters and sexual dimorphism of Fresh water and Marine Aquarium fishes
- Use of live fish feed organisms.
- Preparation and composition of formulated fish feeds
- Fish Transportation and Aquarium Maintenance
- Live fish transport - Fish handling, packing and forwarding techniques.
- General Aquarium maintenance-budget for setting up an Aquarium Fish Farm as a Cottage Industry

### CRITERIA FOR EVALUATION AND MARKS DISTRIBUTION:

*MCQ – 25 Marks*

*Practicals – 20 Marks*

*Assignment – 05 Marks*

*Total – 50 Marks*



### GRADING PATTERN:

*A – 40 and above*

*B – 30 – 39*

*C – 25 – 29*

*D – 24 and below*

