

CERTIFICATE COURSE
CONSTRUCTION AND MANAGEMENT OF AQUARIUM

Syllabus

UNIT –I Introduction to Aquaculture and Ornamental Fishes.

- Introduction to Aquaculture and Ornamental Fishes.
- Basics of aquaculture definition and scope. History of aquaculture: Present global and national scenario.
- World trade of ornamental fish and dimensions in aquaculture entrepreneurship

UNIT 2. Introduction to Ornamental fishes

- Basic knowledge on profile of ornamental fishes in the world
- Different varieties of exotic and indigenous fishes.
- Ornamental Fish Diversity of North East India

UNIT 3. Construction of aquarium

- Introduction to aquarium and aquarium accessories.
- Design, Construction, settings and maintenance of aquarium
- Aerators, filters and lighting.
- Bio-filters in aquarium.
- Construction of ornamental fish unit.

UNIT 4. Introduction to Aquarium plants

- Introduction to Aquarium plants and their economic potential.
- Profiles of some selected aquarium plants.
- Indigenous ornamental plants of Assam.

UNIT 5. Ornamental fish and Aquarium Management

- Ornamental Fish and their management
- Natural feed of Ornamental Fish
- Feed formulation of Ornamental Fish
- Health management in Ornamental Fishes.
- Strategies for maintenance of natural colour of Ornamental Fish