

## Lesson Plan for Course: Aquarium culture , Code :ZOOSSECOM2, Credit :02

Course coordinator:Arpita Mondal

### Course Outcome

- ✓ CO1:To acquire knowledge about the Aquarium fishes and their different characters with their sexual dimorphism and breeding
- ✓ CO2:To gain information about the maintenance of Aquarium. Fish feeding and their transportation.
- ✓ CO-3:To understand how to make a self business by Aquarium fishes..

### Course planner

Sl	Course Topic	Teacher	Class-hour	Remarks*
Jul				
Aug	Unit-1: Introduction to Aquarium Fish Keeping.  1. The Potential Scope of Aquarium Fish Industry as a Cottage Industry.	AM	01	PPT presentation. Study through e-book.
	1. Exotic and Endemic species of Aquarium Fishes :	AM	01	PPT presentation. Internet pictures.
Sep	Unit-2: Diversity of Aquarium fishes and their Biology  A. Guppy, Molly, Sword tail, Gold fish.	AM	02	Internet pictures. PPT presentation.
	B. Angel Fish, Blue morph, Anemone fish, Butterfly fish.	AM	01	Internet pictures.PPT animation.
	C. EXAM ON UNIT-2	AM	01	An exam will be held on UNIT-1,2in GC on 28 <sup>th</sup> Sep.
Oct	Unit-3. Indigenous fishes suitable for Aquaria, Problems of natural population depletion. Problems with exotic fishes.	AM	02	PPT presentation. Study through e-book.
	EXAM ON UNIT-3	AM	01	An exam will be held on UNIT-3 in GC on 17 <sup>th</sup> Oct.
MID SEM EXAM				
Nov	Unit-4: Fish Transportation.	AM	02	PPT presentation.

	A. Live fish keeping. B. Breeding Transport- Fish handling, packing and forwarding techniques.			Study through e-book.
Dec	Unit-5: Maintenance of Aquarium  A. General Aquarium maintenance- 02 budget for setting up an Aquarium Fish Farm as a Cottage Industry.	AM	02	PPT presentation.
	EXAM ON UNIT-5	AM	01	An exam will be held on UNIT-5 in GC on 19 <sup>th</sup> Dec.
	END SEM EXAM		Total- 14hrs	

### Resources :

1. Books: 1. Home Aquarium and Ornamental Fish Culture.
2. Aquarium and Pond Fish
3. Other resources : You Tube, Wikipedia