

Syllabus for AIR BREATHING FISH CULTURIST (RPL)

Course Name	AIR BREATHING FISH CULTURIST (RPL)
Sector	AGRICULTURE
Course Code	AGR/2024/ABFC/293
Level	4 (RPL)
Occupation	AIR BREATHING FISH CULTURIST
Course Duration	Total Duration 35 Hrs (OJT)
Trainees' Entry Qualification	Class VIII Pass with 5 years experience in the relevant field
Trainers Qualification	Bachelor degree in Fishery science/ Zoology/ Chemistry or equivalent from a recognized University/ Board/ Institute with minimum 2 Years' experience in Fisheries field.

Structure of Course:

Module No.	Module name	Total (Hrs)
1	Introduction	7
2	Pre-culture activities	7
3	Perform harvesting and marketing activities for freshwater species	7
4	Ensure safety hygiene and sanitation after harvesting & economics	7
5	Valedictory session	7
	TOTAL	35

SYLLABUS:

Sl n o	Module	Topics to be discussed and / ordemonstrated	Equipment required
1	Introduction Total Duration : 7 hrs	* Present status and scope of Air Breathing Fish Culture in West Bengal * Different types of air breathing fish -murrel, magur, singhi and koi etc. * Identification of cultural Air BreathingFish * Discussion on existing Air Breathing Fish Culture schemes in West Bengal	Laptop, white board, marker, projector, audio-visual aids
2	Pre-culture activities Total Duration : 7 hrs	* Layout and design of air breathing fish culture pond; * Carry out pre-stocking pond preparation including aquatic weed control, ploughing, liming, manuring/ fertilization, waterfilling * Identification of suitable species, stocking density and stocking ratios * seed procurement, packing and transportation methods, acclimatization and stocking of seeds	Laptop, white board, marker, projector, audio- visual aids, water pump, oxygen packagin g equipments
3	Perform harvestingand marketing activities for freshwater species Total Duration : 7 hrs	* Sustainable harvesting method of majorcultural air breathing fishes. * Good Management Practices (GMP) * Effective marketing management forensuring sustainable income	Laptop, white board, marker, projector, audio-visual aids, net, hundi

Sl n o	Module	Topics to be discussed and / ordemonstrated	Equipment required
4	Ensure safety hygiene and sanitation after harvesting & economics Total Duration : 7 hrs	*Post Harvest Management for handling and preservation of harvested stocks * Monitoring growth and production ofcultured fishes * Discussion on techno feasibility aspects and economics of a model air breathing fish culture scheme	Laptop, white board, marker, projector, audio-visual aids
5	Valedictory session Total Duration : 7 hrs	* Brain storming session of the trainingcourse * Group discussion * Examination and Evaluation	Laptop, white board, marker, projector, audio-visual aids
	Total duration ofcourse : 35 hrs		

Name of the Course : **Air Breathing Fish Culture**
Minimum number of Equipment required (per batch of 25 trainees)

Laptop	1
White Board	1
Marker	1
Audio-visual Aids	1
Projector	1
Feeding bags/trays	3
Harvesting Net	1
Water testing Kit	1
Water Pump	1
Hand gloves	3
Oxygen cylinder	1
Feeding trays	1
Hundi	1
Cretes	1

Total Marks – 1000

Theory – 200

Practical -800