

## POULTRY FARMING (POFG)

### General Information :

1. Name of Trade : Poultry Farming.
2. Entry Qualification : Passed Class VIII.
3. Duration of Trading : 06 Months (Under Vocational Short Term Course)

### Rationale :

The course of Poultry Farming is essential for the rural unemployed youth and women community as it could be handled easily with less time consumption. It is suitable for rural women as they can look after a small farm along with their household work. The scientific knowledge is to be disseminated.

### Objective :

The objective of the course is to develop the knowledge of scientific rearing of poultry and proper management of poultry farm.

At the end of the training, the trainees will be able to :

- Have a general idea of poultry farming with reference to poultry feed ingredients and water management.
- Identify various types of poultry diseases and to take common measures for prevention and control of poultry diseases.
- To start a small poultry farm in the locality by making a survey in respect of requirement of eggs and dressed broiler.

### Course Break-up

- |                            |            |
|----------------------------|------------|
| a. Practical Instruction   | : 288 Hrs. |
| b. Theoretical Instruction | : 67 Hrs.  |
| c. Entrepreneurial         | : 05 Hrs.  |
| Total                      | : 360 Hrs. |

### Marks Allotted

- |              |              |
|--------------|--------------|
| i) Practical | : 400 marks. |
| ii) Theory   | : 100 marks. |

The course content is to be covered in less than 26 weeks since some weeks will be used for enrolment procedure, leave of instructors, holidays, examination and tests, industrial visits etc.

### Industrial Visit :

Field visit cum study tour in various farms in connection with poultry is needed.

### Theory

(67 hrs)

1. What is poultry ? Role of poultry in human nutrition and self employment.  
Prospects of poultry farming in West Bengal. (4 hrs)
2. General idea about broiler and layer, important breeds of poultry. (4 hrs)

3. Systems of poultry keeping. Detailed description of deep litter system. Steps to improve deshi fowl for more eggs and meat. (8 hrs)
4. Common poultry feed ingredients and preparation of ration. Ready made poultry feeds available in the market. Feed and water management for commercial poultry. (10 hrs)
5. Care and Management of broiler. (5 hrs)
6. Care and Management of layer. (5 hrs)
7. Maintenance of Poultry health-general idea about various types of poultry diseases. Common measures for prevention and control of poultry diseases including vaccination and routine medication. (10 hrs)
8. Structure of eggs, how egg is formed ? Preservation of eggs, marketing of eggs. Marketing of live and dressed broiler. (5 hrs)
9. Hatching of eggs-natural and artificial, incubator and its management. (5 hrs)
10. Duck keeping-Important breeds, feeding and management, common diseases and preventive measures including vaccination. (5 hrs)
11. General idea about quail and turkey farming. (6 hrs)

**Practical (288 hrs)**

1. Study of body parts of poultry. (10 hrs)
2. Identification of various species and breeds of poultry. (10 hrs)
3. Study of important characteristics of broiler and layer chicken. (10 hrs)
4. Study of various system of rearing poultry. (15 hrs)
5. Preparation of deep litter house for broiler. (5 hrs)
6. Preparation of deep litter house for layer. (5 hrs)
7. Preparation of shed for deshi fowl. (5 hrs)
8. Day to day management of deep litter house. (10 hrs)
9. Study of locally available poultry feed ingredients. (10 hrs)
10. Preparation of ration for deshi birds. (5 hrs)
11. Study of various ready made poultry feeds for broiler and layer. (10 hrs)
12. Handling and cleaning of poultry farm equipments. (15 hrs)
13. Study of incubators and other hatchery equipments. (10 hrs)
14. Management of incubator for commercial hatching of eggs. (15 hrs)
15. Selection of hatching eggs. (10 hrs)
16. Storing on hatching eggs. (10 hrs)
17. Sexing of chicks. (10 hrs)

18. Care of newborn chicks and packing before marketing. (10 hrs)
19. Practice of natural hatching - care of broody hens. (10 hrs)
20. Study of commonly occurring diseases of poultry. (10 hrs)
21. Practice of vaccination. (10 hrs)
22. Practice of routine medication - use of vitamins, mineral mixtures, liver tonic, anti coccidstates etc. (10 hrs)
23. Demonstration of various activity of broiler management - brooding, light and litter management, feeding, vaccination schedule, routine medication, record keeping, marketing. (10 hrs)
24. Demonstration of various activities of layer-management -brooding, light and litter management, feeding, vaccination schedule, routine medication, egg collection, culling, record keeping. (20 hrs)
25. Study of structure of egg. Egg quality evaluation by candling. (5 hrs)
26. Practice of egg preservation. (8 hrs)
27. Practice of egg grading. (10 hrs)
28. Packing of egg and marketing. (10 hrs)
29. Various activities of Duck rearing with special reference to khake Campbell Duck. (10 hrs)
30. Practical Note Book. (10 hrs)

### ENTREPRENEURIAL INSTRUCTION

Sl. No.	Course Curriculum	Hours
1.	Brief idea about poultry farming.	
2.	Preparation of various schemes as per need for vetting to Financial Institution/ head Bank for obtaining Loans.	
3.	Idea about General hygienic care around poultry shed.	
4.	Maintenance of Accounts, Labour capital etc.	
5.	Man Management, communication, motivation.	
6.	Visit of Govt. & Private poultry farms.	
7.	Visit of Feed milling plants.	
8.	Visit to Govt. & Private hatcheries.	
9.	Market survey.	
		<b>Total 05 hrs</b>