

Syllabus For Pig Farmer (RPL)

Course Name	Pig Farmer (RPL)
Sector	AGRICULTURE
Course Code	AGR/2024/PIFA/296
Level	4 (RPL)
Occupation	Pig Farmer
Course Duration	Total Duration 35 Hrs (OJT)
Trainees' Entry Qualification	Class VIII Pass with 5 years experience in the relevant field
Trainers Qualification	<p>For Domain training</p> <ul style="list-style-type: none"> •Diploma in Veterinary Sciences /Animal Husbandry) with 05 years of relevant work experience •B. V. Sc. & A.H. with 1 year field experience •B. Sc. Animal Science with 2 years of relevant work experience <p>For training on entrepreneurship skill / project proposal</p> <ul style="list-style-type: none"> • Experienced Bankers / CA / Accountant / Other officials etc.

Structure of Course:

Module No.	Module name	Total (Hrs)
1	Concept about Breeds & Breeding of pig Husbandry	2
2	Scientific Housing & Management in Piggery	2.5
3	Nutrition & Feeding Management in Piggery	2
4	Management of Sow, Piglet & fattener in Piggery	3.5
5	Health and disease management in Piggery	2.5
6	Value addition & Marketing in piggery	3.5
7	Concept of cash flow, Project report/Proposal and different schemes to avail loan & their application procedure in Pig Husbandry	7
8	Farm visit, Group work/case study in group for domestic poultry farming, Doubt clearing session with setting of goal in Pig Husbandry	11
9	Self-Employment skilling	1

	TOTAL	35
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SYLLABUS:

S.N.	Particulars of component wise Syllabus	Total Duration (Hrs)
Concept about Breeds & Breeding of pig Husbandry		
1	Breeds of pigs in West Bengal with specific reference to productivity of exotic breeds (suitable in the State) and Khoongroo breed (Pr). ☑ Selection of sow and boar ☑ Modern concepts of pig production, ☑ Maintenance of breeding register (Pr)	2
Scientific Housing & Management in Piggery		
2.	Boar pen ☑ Sow pen ☑ Gestation stall, ☑ Farrowing pen ☑ Piglet sty ☑ Biosecurity of pig shed.	2.5
Nutrition & Feeding Management in Piggery		
3.	Concept of protein, fat, carbohydrate, mineral, vitamin & water ☑ Production of concentrate mixture at home/ formulation (Pr) ☑ Concept of balanced ration (Pr) ☑ Feeding schedule ☑ Using hotel/ kitchen excess (cooked food): merits & demerits. ☑ Concept of gut-health and hepato-biliary system in context of best Utilization of feed.	2
Management of Sow, Piglet & fattener in Piggery		
4	Farrowing/ cutting of umbilicus/ cutting of incisor teeth/ castration etc. ☑ Checking mortality of piglets ☑ Piglet nutrition ☑ Weaning piglet Factors affecting growth of pig and quality of pork. ☑ Feeding program with a view to good quality port production. ☑ Concept of high feed programme & limited feed programme.	3.5
Health and disease management in Piggery		
5	Heat detection, mating ☑ Important preventive and systemic diseases and their management, ☑ deworming and vaccination schedule (Pr), ☑ Maintenance of health register (Pr) ☑ Identification through tagging (Pr)	2.5
Value addition & Marketing in piggery		
6	Scope and opportunities of processed pork.	3.5

S.N.	Particulars of component wise Syllabus	Total Duration (Hrs)
	<ul style="list-style-type: none"> ☒ Different pork products. ☒ Requirement of pork industries and responsibilities of piggery enterprises. ☒ Market survey and identification of local demand and availability (Pr) ☒ Advantages of FPO (Pr) ☒ Maintenance of production register (Pr) 	
Concept of cash flow, Project report/Proposal and different schemes to avail loan & their application procedure in Pig Husbandry		
7	Investment (capital and working capital) <ul style="list-style-type: none"> ☒ Income ☒ Repayment of bank loan with interest ☒ Concept of gross profit and net-profit, ☒ Insurance; Concept of depreciation ☒ Maintenance of stock register ☒ Maintenance of cash-book Concept of term loan and cash credit loan <ul style="list-style-type: none"> ☒ KCC-AH ☒ SHG / FPO bank linkage ☒ Mudra-Yojna and similar schemes of the Govt. ☒ General procedure to avail term loans 	7
Farm visit, Group work/case study in group for domestic poultry farming, Doubt clearing session with setting of goal in Pig Husbandry		
8.	Breeds of pig. <ul style="list-style-type: none"> ☒ Restraining of pig. ☒ Application of medicine (different routes) ☒ Observation of animals ☒ Demonstration of good quality breeding boar and sow, ☒ Demonstration of feeding of pigs ☒ Demonstration of weighing of animals by spring balance. ☒ Interaction with successful farmers/ SHGs/FPO etc. ☒ Allocation of time for healthcare management, nutrition, breeding, record keeping, institutional linkages (with BLDO office/ AHC/ Bank/KVK etc.), marketing and miscellaneous. The trainees may be divided into 6 groups and each group to be provided one broad topic covered during first three days in different sessions. ☒ Trainees are required to brain-storm on the topic for 1 hour, and then make presentation ☒ Based on their presentations, their learning gaps may be identified and addressed accordingly. ☒ Each of the trainees is required to come up with their activity timeline (goal) as far their enterprise is concerned. All trainees would be encouraged to come up with their doubts Whatso ever. All doubts are required to be cleared in this session. <ul style="list-style-type: none"> ☒ Based on their activity timeline, long term follow up plan of the ARD Dept. will be shared with the trainees. 	11
Self-Employment Skilling & Employability Skills		
9.	Concept of self-Employment skilling	1
	Total:	35

S. No	Learning outcomes	learning hours
1	Concept about Breeds & Breeding of pig Husbandry	2
2	Scientific Housing & Management in Piggery	2.5
3	Nutrition & Feeding Management in Piggery	2
4	Management of Sow, Piglet & fatterer in Piggery	3.5
5	Health and disease management in Piggery	2.5
6	Value addition & Marketing in piggery	3.5
7	Concept of cash flow, Project report/Proposal and different schemes to avail loan & their application procedure in Pig Husbandry	7
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9.	Self-Employment skilling	1
Total:		35

LIST OF TOOLS & EQUIPMENTS: MODEL COURSE ON PIG HUSBANDRY

LIST OF GENERAL TOOLS & EQUIPMENTS: (For Batch of 30 Candidates)			
S No.	Name of the Tool & Equipment	Specification	Quantity
1.	Laptop & LCD Projector,	Standard & available size	01 each
2.	White board, Marker,	5'X4'	01-02 each
3.	Record book, Balanced Feed Chart,	Standard & available size	02-03 each
4.	Public address system	-Do-	01 No

N.B.: To conduct Practical for trainees on related trade/discipline, a demonstration farm with minimum 2-3 Nos. Pig animals are prerequisite for hands-on skill development in training.

S No.	Name of the Farm Equipment's	Specification	Quantity
1.	Piggery shed@ 15-20 Sqft / animal	Space:20X 03Nos.	60-100 Sqft.
2.	Pig Feeder, Crate & Waterer	Standard & available size	01No /animal
3.	Drencher, Bradizzo Castrator,	-Do-	01-02 Nos.
4.	Stethoscope & Thermometer	-Do-	01-02 Nos.
5.	Chemicals, disinfectants, lime etc.	-Do-	02-03 each
6.	Vaccinator, Vaccines & First aid kit.	-Do-	02-03 each
7.	Measuring tape, Wt. Balance, Fan, etc.	-Do-	01-02 each

Alternately,

To conduct Practical for trainees on related trade/discipline, attachment of the training Centre with Animal Health Centre OR Farm are prerequisite for hands-on skill development in training with availability of following farm equipment:

Cryo-can – 1 no.

AI gun, sheath – 1 each

Liq. Nitrogen – Min 3-7 ltrs

Injection needle & syringe of different dimensions – 1 set each,
Casting rope - 1,
Travis - 1,
Vaccine preservation method – 1 unit,