Extension and Training Cell plays a pivotal role in disseminating new technologies and development pertaining to Livestock Sectors including Poultry. It is imperative to Capacitate the Target group viz., farmers/unemployed Youth/SGHs and NGOs before they are given any developmental programmes related to sustainable livelihood options in order to uplift their economic condition. In addition the said target groups need to be exposed to the new ideas about the Livestock Sector as a commercial venture. During the process of Capacity Building, attitudinal changes among the farmers is also felt necessary which enable them to become proactive and self esteemed to act as producers of the goods. Given the fact, the Extension and Training Cell creates a platform to have a close interaction with the farmers/educated unemployed youth and expose them to the latest scientific advancement in the field of rearing productive livestock and poultry, thereby increasing their capacity for income generation and self employment opportunity for improving their standard of living. Beside this, the section has been putting its all efforts to build linkages between farmers and different functionaries for adoption of viable technology for their self-reliance through sustainable livestock development by conducting following Capacity/Skill Development Programme:

- One Day Farmers Awareness/Training Programme on Livestock & Poultry Management & Production.

- Intensive Training on Dairy, Piggery and Poultry Farming to Educated Unemployed Youths and Member of SHG/NGO/selected beneficiaries/Loan beneficiaries under Skill Development Programme.

- Three Days Intensive Training on Dairy/Poultry/Piggery Farming for Educated Unemployed Youth, Members of SHGs/NGOs (On Request).

- Capacity Building for up-gradation of Knowledge/Skill for Technical Officers and Field Functionaries.

- Exposure Tour of Progressive Farmers/Members of NGOs/SHGs and Interested Educated Unemployed Youths to outside State.

- Organization of Mini Livestock Show/Calf rally in various places of four districts.

- Publication of Monthly News Letter in collaboration with Food Security & Agriculture Dev. Department.

- Advertisement of departmental activities in various publications etc.

- Subscription of Magazines, Journals, Reference Books and newsletters for field Vets.

- Refresher Training Course for Para-vets.

- In-Service Training of Para-vets.
### ACHIEVEMENT REPORT OF CAPACITY BUILDING/SKILL DEVELOPMENT PROGRAMME
FOR THE FINANCIAL YEAR 2011-2012

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Programme</th>
<th>Physical Target</th>
<th>Physical Progress</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No. of prog.</td>
<td>No. of prog.</td>
<td>No. of candidates</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>conducted</td>
<td>covered</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Male</td>
</tr>
<tr>
<td>1</td>
<td>One Day Farmers Awareness Programme on Livestock &amp; Poultry Management &amp; Production</td>
<td>28</td>
<td>1400</td>
<td>28</td>
</tr>
<tr>
<td>2</td>
<td>Three Days Intensive Training for Educated Unemployed Youths, Members of SHGs/NGOs (On Request):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dairy Farming</td>
<td>1</td>
<td>15</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Piggery Farming</td>
<td>2</td>
<td>7</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Poultry Farming</td>
<td>2</td>
<td>17</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Piggery/Poultry Farming</td>
<td>1</td>
<td>18</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Goatery</td>
<td>1</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>7</strong></td>
<td><strong>57</strong></td>
<td><strong>41</strong></td>
</tr>
<tr>
<td>3</td>
<td>One Day Awareness Programme on Rinderpest</td>
<td>4</td>
<td>166</td>
<td>32</td>
</tr>
<tr>
<td>4</td>
<td>Seven Days Intensive Training Programme on Livestock Management &amp; Production for Farmers of the Border Areas</td>
<td>1</td>
<td>14</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>Mini Livestock Show/Calf Rally</td>
<td>28</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exposure tour of progressive farmers, Educated Unemployed Youths, Members of SHGs/NGOs of four districts to Kolkata, West Bengal along with the accompanying Officers/Staff</td>
<td>4</td>
<td>80</td>
<td>4</td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---</td>
<td>----</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>Officers/Staff</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
</tbody>
</table>

| 7 | Project & Programme Management Training Course (PPM) for officers at Asia-Pacific Development and Communication Centre (ADCC) of Durakij Pundit University, Bangkok, Thailand w.e.f. 23rd May 2011 to 8th June 2011. | 1 | 2  | 0 | 2  |    |    | Completed |

- **Total Number of Programme Conducted** = 73 Nos.
- **Total Number of Candidates trained under Skill Development Programme till March 2012**
  - Male = 1412
  - Female = 494
  - Total = 1906
## District wise physical target and achievement

### East District

<table>
<thead>
<tr>
<th>District</th>
<th>Physical Target</th>
<th>Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of prog. to be conducted</td>
<td>No. of Farmers to be covered</td>
</tr>
<tr>
<td>East</td>
<td>8</td>
<td>400</td>
</tr>
</tbody>
</table>

One Day Farmers Awareness Programme cum Calf Rally held at Changey Senty, East Sikkim dated 03.09.2011
One Day Farmers Awareness Programme cum Calf Rally held at Sudunglakha, East Sikkim dated 17.12.2011

Distribution of medicines
One Day Farmers Awareness Programme cum Calf Rally held at Sumik Aritar, East Sikkim dated 20.12.2011

Distribution of medicines
One Day Farmers Awareness Programme cum Calf Rally held at Budang, East Sikkim dated 05.01.2012

Distribution of medicines
One Day Farmers Awareness Programme cum Calf Rally held at Ralong, East Sikkim dated 18.01.2012

One Day Farmers Awareness Programme cum Calf Rally held at Luing, East Sikkim dated 14.03.2012
One Day Farmers Awareness Programme cum Calf Rally held at Rizey, East Sikkim
dated 21.03.2012

Distribution of medicines

<table>
<thead>
<tr>
<th>District</th>
<th>Physical Target</th>
<th>Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of prog. to be conducted</td>
<td>No. of Farmers to be covered</td>
</tr>
<tr>
<td>West</td>
<td>8</td>
<td>400</td>
</tr>
</tbody>
</table>
One Day Farmers Awareness Programme cum calf Rally
held at Thingling, West Sikkim dated 08.09.2011

One Day Farmers Awareness Programme cum Calf Rally
held at Bhaluthang, West Sikkim, dated 01.11.2011

One Day Farmers Awareness programme cum Calf Rally
held at Begha, West Sikkim dated 22.12.2011
One Day Farmers Awareness programme cum Calf Rally
held at Timurbung West Sikkim dated 03.02.2012

One Day Farmers Awareness Programme cum Calf Rally
held at Shanku Radu Khandu, West Sikkim dated 17.02.2012
One Day Farmers Awareness Programme cum Calf Rally held at Gelling-Samsing, West Sikkim dated 24.02.2012

North District

<table>
<thead>
<tr>
<th>District</th>
<th>Physical Target</th>
<th>Achievement</th>
<th>No. of Mini Livestock Show/Calf Rally conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of prog. to be conducted</td>
<td>No. of Farmers to be covered</td>
<td>No. of Mini Livestock Show/Calf Rally to be conducted</td>
</tr>
<tr>
<td>North</td>
<td>4</td>
<td>200</td>
<td>4</td>
</tr>
</tbody>
</table>

Hon’ble Minister PHE cum Area MLA & Secretary AHLF&VS inspecting the Calf Rally
One Day Farmers Awareness Programme cum Calf Rally held at Kabi, North Sikkim dated 09.09.2011

One Day Farmers Awareness Programme cum Calf Rally held at Chungthang, North Sikkim dated 18.03.2012

One Day Farmers Awareness Programme cum Calf Rally held at Ringhim, North Sikkim dated 20.03.2012

Distribution of medicines
One Day Farmers Awareness Programme cum Calf Rally held at Mantyeng-Tungkyong, Hee-Gyathang, Dzongu, North Sikkim dated 20.03.2012

South District

<table>
<thead>
<tr>
<th>District</th>
<th>Physical Target</th>
<th>Achievement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. of prog. to be conducted</td>
<td>No. of Farmers to be covered</td>
</tr>
<tr>
<td>South</td>
<td>8</td>
<td>400</td>
</tr>
</tbody>
</table>

One Day Farmers Awareness Programme cum Calf Rally held at Mellidara, South Sikkim dated 03.09.2011
Hon’ble Area MLA inspecting the Calf Rally and giving away prizes to the progressive farmers

One Day Farmers Awareness Programme cum Calf Rally held at Turuk, South Sikkim dated 14.11.2011

Hon’ble Area MLA addressing the farmers and giving away prizes
Distribution of medicines/mineral mixture

One Day Farmers Awareness Programme cum Calf Rally held at Pabong, South Sikkim dated 22.12.2011

Distribution of medicines/mineral mixture
Intensive Training on Dairy/Poultry/Piggery Farming for Educated Unemployed Youth, Members of SHGs/NGOs (On Request)

<table>
<thead>
<tr>
<th>Training imparted</th>
<th>No. of Programme</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dairy</td>
<td>1</td>
<td>15</td>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>Piggery</td>
<td>2</td>
<td>7</td>
<td>11</td>
<td>18</td>
</tr>
<tr>
<td>Poultry</td>
<td>2</td>
<td>17</td>
<td>21</td>
<td>38</td>
</tr>
<tr>
<td>Dairy/Piggery</td>
<td>1</td>
<td>21</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td>Goatery</td>
<td>1</td>
<td>0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7</strong></td>
<td><strong>60</strong></td>
<td><strong>38</strong></td>
<td><strong>98</strong></td>
</tr>
</tbody>
</table>
Training being imparted

Secretary addressing the trainees and distributing certificates

Addl. Director Dr. N.T. Lepcha addressing the trainees

Distribution of certificates

The Resource Person imparting the training
Seven Days Intensive Training Programme on Livestock Management & Production for Farmers of Border Areas Sponsored by Sashastra Seema Bal (SSB), Sikkim Area w.e.f. 30.8.2011 to 5.9.2011

<table>
<thead>
<tr>
<th>No. of Programme</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>14</td>
<td>2</td>
<td>16</td>
</tr>
</tbody>
</table>
One Week Exposure Tour of the Progressive Farmers/Members of NGOs/SHGs and Interested Educated Unemployed Youths to outside State. (Reputed institutions/farms at Government and Private Sector in and around Kolkata, West Bengal)

District wise Physical Target/Achievement

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>District</th>
<th>No. of Candidates to be covered</th>
<th>Achievement</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>East</td>
<td>20</td>
<td>Male 7</td>
<td>Female 13</td>
</tr>
<tr>
<td>2</td>
<td>West</td>
<td>20</td>
<td>Male 13</td>
<td>Female 7</td>
</tr>
<tr>
<td>3</td>
<td>North</td>
<td>20</td>
<td>Male 20</td>
<td>Female 0</td>
</tr>
<tr>
<td>4</td>
<td>South</td>
<td>20</td>
<td>Male 20</td>
<td>Female 0</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>80</td>
<td>Male 60</td>
<td>Female 20</td>
</tr>
</tbody>
</table>
One week exposure trip to State of West Bengal (in and around Kolkata) on various sectors viz., Dairy, Piggery & Poultry Farming to the Progressive Farmers, Educated unemployed youth, and members of SGHs/NGOs was organized by the Department of Animal Husbandry, Livestock, Fisheries & Veterinary Services during the month of January 2012-February 2012.

It may be mentioned here that, the Department has been conducting different types of Training programme viz, Mass Farmers Awareness Programme on Livestock and Poultry Management and Production cum Calf Rallies at village level, Intensive Training Programme on Dairy, Piggery and Poultry Farming to educated unemployed youth/members of SGHs/NGOs in accordance with the policy of the Government pertaining to Capacity/Skill Development Programme for the development of Livestock Sector in the State of Sikkim.

Though, this Department is endeavoring to organize various types of programme in the field, focusing on the above mentioned target group/stake holders engaged in the Animal Husbandry Sector, it has been felt that, to support the ongoing Skill Development Programme
there was a need of conducting an exposure trip for the stakeholders at different levels to expose them to the latest scientific advancements in the field of raising livestock to make this venture more lucrative and sustainable in the State. Moreover, this sort of exposure trip will certainly help the rural masses/youth to improve their economic condition for rural prosperity.

The main objective of conducting such programme was to motivate them and enrich their knowledge and skill in the field of Animal Husbandry Sector & to replicate the improvised technical know how by the participating target group in their respective field to increase the productivity by adopting scientific management technique to achieve self-reliance.

Furthermore, in view of above facts, the Department has conducted one week exposure trip for the above mentioned target group from all the districts at different Model Farms viz;

- Visit to Kolkata Mother Dairy, Dankuni, Hoogly under West Bengal Cooperative Milk Producer's Federation Ltd
- Visit to West Bengal State poultry Farm, Tollygunge.
- Visit to Harringhata Farm, Mohanpur, Nadia.
  - Dairy Section
  - Piggery Farm, (Meat Plant) Bacon Factory & Poultry Meat Processing Unit.
  - Poultry Section & Poultry Museum.

Moreover, these are the reputed Private and Government farms/institution in the State of West Bengal having the multifarious activities covering most of the Animal Husbandry sector from where the major demands related to Milk and milk products, Pork and Poultry Meat and Eggs in and around Kolkata City are being fulfilled, in addition they even meet the demand of other state to a greater extent.

Table showing name of the Farms/Institutes and faculties, and the observation made:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Institute visited</th>
<th>Faculties</th>
<th>Observation</th>
</tr>
</thead>
</table>
| 1      | Maity Poultry Pvt Limited, Kumarpur, PaschimMidnapur, West Bengal | This Farm is Located at Kumarpur, Midnapur which is the biggest commercial layers farm of Eastern and North Eastern region of India maintained by the Private entrepreneur. | i) The Farm has been maintaining 12 lakhs laying birds with daily egg production of 10 lakhs eggs per day.  
ii) The breed maintained in the farm is BV300.  
iii) The Market rate of the egg is Rs.3.20 per egg and the production cost is Rs2.50 per egg with the profit margin of 70 paisa per egg. |
<table>
<thead>
<tr>
<th>2</th>
<th>Calcutta Dairy, Dankuni, Hoogly District, W.B.</th>
<th>Training Center/Milk Plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) The farmers were informed that the organization is working under three tiered Anand Pattern Cooperative Societies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ii) The primary stakeholders of the organization are the dairy farmers (milk pourers) of the State and the profit earned at different levels are distributed to them in the form of bonus or dividend.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>iii) Mother Dairy of Kolkata is a Marketing Federation Organization of West Bengal. It was established under Operation flood project. Moreover, This plant was established in 1978 within the area of 27 acres.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>iv) This organization has 15 Milk union and more than 3800 Milk Co-operative Societies out of which 2500 Societies are functional. There are 599 Women Societies pouring 40,000 ltrs. per day. The plant is being fed by above mentioned milk cooperative societies of different milk unions of West Bengal and meets the demand of fluid milk and milk products of Kolkata and its surroundings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>v) It was also informed that nearly 3 lakhs farmers are members of this organization. Average Milk collection is 3 lakhs to 3.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

iv) The daily rate of egg is fixed by NECC (National Eggs Coordination Committee).

v) The peak production is 97% with 330 eggs per Laying Cycle.
vi) In addition, they have set up machines termed as **Bulk Vending System Counter** in 27 routes within Kolkotta, from where the consumers can get the packet of milk after putting the prepaid token as and when required.

<table>
<thead>
<tr>
<th><strong>Receiving and Quality Control</strong></th>
<th>The milk is brought from the societies in refrigerated milk tankers and after clearance from <strong>QC section</strong> they store in the milk silos. At present they collect 3 to 3.5 lakhs ltrs. of milk every day.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pasteurization and Standardization and fortification</strong></td>
<td>The milk received is pasteurized by High Temperature Short Time (HTST) method and are fortified with vitamin A as per recommendation of WHO to prevent the night blindness in human. As per market demand of different categories of milk and milk products the milk are standardized.</td>
</tr>
<tr>
<td><strong>Processing for product and packaging</strong></td>
<td>The fluid milk is marketed in the form of <strong>cream milk, toned milk, and double toned milk</strong> and the remaining milk is converted into products like butter, ghee, flavored dahi, paneer, lassi, etc. All the products are marketed after packaging in the brand name of <strong>Mother Dairy</strong>.</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td>The packaged milk and milk products are distributed to the various vendors in and around Kolkatta by refrigerated vans.</td>
</tr>
<tr>
<td><strong>Effluent Treatment Plant</strong></td>
<td>Besides boiler and ammonia plants the factory has set up <strong>Effluent Treatment Plant (ETP)</strong> for efficient treatment of waste to minimize the environment pollution.</td>
</tr>
</tbody>
</table>

| **a) Hatching Unit** | i) Hatching of different types of eggs in large scale by means of hatching machine containing capacity of **18000-20000 chicks/week**. |
| 3 | State Poultry Farm, Tolligunj, Kolkatta, W.B. | ii) Points to be remember for selection of eggs for high hatchability were briefed by the Resource Person.  
   iii) Different steps to be followed during hatching period. |
|---|---|---|
|   | b) Poultry Unit | i) Three types of layer breeds are maintained in the farm i.e. RIR (Rhode Island Red), Black Australop, and White Leg Horn.  
   ii) Types of improved housing system, feeding and management of different age group of birds.  
   iii) Economics of poultry farming. |
|   | c) Turkey Unit | i) Two types of turkey breeds are maintained, viz, American Black Breasted Bronze and American White Breasted Bronze Varieties.  
   ii) Advantages of turkey rearing over other bird farming and its specialty in terms of nutritive value, low cholesterol, fetches high price as it is most delicacy among certain community.  
   iii) Management practices for turkey farming. |
|   | d) Quail Unit | i) Advantages of quail farming. Small and require less space and feed requirement and highly prolific, short incubation period, high disease resistant, high in nutritive values and low cholesterol, beneficial for the heart patient and high market value.  
   ii) Housing & Management. |
<table>
<thead>
<tr>
<th>4</th>
<th>Haringatta Farm, Mohanpur, District Nadia, W.B.</th>
<th>a) Poultry Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>i) Hatching procedures, egg selection, candling, placement of eggs in the setter, care of day old chicks during its transportation etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ii) Parent stock of RIR and Black Australop varieties of layers are maintained in the farm.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>iii) They were also shown all the latest improved Housing, Feeding and Management of different age groups and equipments and technologies pertaining to management and production of Poultry Farming to make it a sustainable venture.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>iv) They were also shown Model Backyard Poultry Farming System, where all village environment is created in terms of feeding and housing system for demonstration to Farmers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>v) Prevention and control of common and emerging poultry diseases.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>vi) They were taken to newly developed Video Conferencing Hall, from where the farmers can directly interact with the expert from different locations.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### b) Dairy Farm

1. **Zebu Breeds** like Sahiwal and Gir are maintained. The farm has the capacity of rearing 1100 nos. of different categories of animals with average milk yield of 10-12 ltrs./day containing 5% fat and 8% SNF.

2. The farm has purchased a machine costing about Rs. 2 Crores for separating Sex chromosomes to maintain male and female pure line breed at farm level which is only of its kind in Asia.

3. **Feed and fodder production** (Azolla variety of aquatic plants has been seen grown in the farm as an alternative source of protein and vitamin supplement for livestock and poultry), breeding, housing, daily routinal management system, care and management of pregnant cow, new born calves, heifer, etc.

4. **Procedures of clean milk production and use of milking machine.**

5. **Progenies produced through embryo transfer technology are also major achievement of this institute.**
### c) Piggery Farm

- More than 700 Exotic Pure Bred Large White Yorkshire Pigs are maintained. Average litter size at birth is 10-12 nos. and weaned at the age of 60 days. The fatteners are supplied to the adjacent Pork Processing unit.
- Modern and Scientific Pig Sheds for different ages and different purposes.
- Feed and water requirements and scientific management systems.

### d) Meat Processing Plant (Pork & Poultry)

- Ante mortem and post mortem procedures for scientific and hygienic meat processing and production, starting from Ante mortem examination, starvation, stunning, bleeding, singeing, evisceration, rigormortis, freezing, cutting and grading for different product preparation.
- Production of value added products like Bacon, Ham, Salami, Sausages, Lean meat, etc. and its procedures like packaging and storage for marketing.

Beside the above schedule, the trainees were taken to different tourist spots for recreation like Zoological Park, Historical Monuments (Victoria Memorial, Birla Planetarium and Howrah Bridge.

Overall feedback received from the participants indicated that they were overwhelmed by this support given by the Government to expose them to different technologies in livestock sectors under Skill Development Programme.

It is also to mention that farmers have achieved an attitudinal change to replicate such type of farming system in Sikkim. The farmers seemed well motivated in adopting modern practices in Animal Husbandry as a means of sustainable livelihood. The exposure trip itself remains phenomenal in terms of learning for both the farmers & the officials assigned for. The cooperation and coordination extended by the West Bengal Government is always appreciated and highly solicited.
Glimpses of Photographs depicting One Week Exposure Tour of the Progressive Farmers/Members of NGOs/SHGs and Educated Unemployed Youths to outside State (Kolkata, West Bengal) w.e.f. 8th January to 5th February, 2012

MAITY POULTRY PVT. LIMITED, KUMARPUR, PASCHIM MIDNIPUR, WEST BENGAL

Visit to Layer Farm

Briefing to Farmers by MD Shri Madan Mohan Maity
BV-300 Breed of layers

Farmers observing layer birds being vaccinated

RIR (Rhode Island Red) Breed

Collection of eggs

Mechanized feeding system
Automatic/Computerized Poultry Feed Plant

Farmers observing the different steps being followed in the Feed Plant

Automatic Egg tray making machine

Egg trays being sun dried
MOTHER DAIRY, KOLKATA

Poultry Manure collected for sale

Vegetables being grown from the poultry manure

Briefing to farmers at training hall by the Resource Person
Visit to Milk Receiving Unit & Milk Silos for storage of chilled milk

Visit of Milk Processing Unit

Packaging of milk by fill form and seal method

Crating of packed milk
PACKETS OF PROCESSED MILK FOR DISPATCH TO MARKET

VISIT TO PANEER MAKING UNIT

STATE POULTRY FARM, TOLLYGUNGE

ORIENTATION BY RESOURCE PERSON

BRIEFING THE PARTICIPATING FARMERS

VISIT TO IMPROVISED RAT PROOF POULTRY SHED
Demonstration of Low Cost Poultry Shed

Quail Shed Demonstration

Demonstration of Hatchery Unit

Demonstration of Quail Birds
Demonstration of American White Breasted Bronze Turkey Shed

HARINGHATA FARM

A. POULTRY SECTION

Demonstration of Bio-security Measures

Briefing by the Resource Person

Demonstration of improvised Modern Multistoried Rat Proof Poultry Shed
Demonstration of Rat Proof Shed

Demonstration for selection of eggs before setting in incubator

Demonstration of Hatchery Unit

Day Old Chicks

Brooding Demonstration
Rhode Island Red Layer Breed

Black Astrolop Layers Breed

Demonstration of Model Backyard Poultry Farming System

Demonstration of Poultry Rearing under backyard system

Low Cost Shed being demonstrated by the Resource Person
Conservation programme of indigenous poultry birds viz; Assels, Harringhata Black etc.
Demonstration of Azolla Aquatic Plant for feeding to poultry birds

Video Conferencing Room

Class room interaction
Offering of khada by the participating farmers to the Resource Persons

B. DAIRY SECTION

Visit to Frozen Semen Bull Station

Demonstration of improvised Dairy Cattle Shed

Orientation class for the participating farmers by the Resource Person
Demonstration of Azolla Aquatic Plant growing ponds for feeding to dairy cattle

C. PIGGERY SECTION

Visit to Piggery Farm & Meat Plant

Demonstration of Modern Piggery Shed

Demonstration of Scientific Piggery Shed

Pure Large white Yorkshire Pigs For breeding

Pregnant Sow

Sow with suckling piglets
Visit to Meat (Pork) Processing Unit

Briefing by the Resource Person

Scalding Machine

Briefing of different steps followed in the Meat Processing Plant
SIGHT-SEEING IN AND AROUND KOLKATA