Business Planning & Development (BPD) Unit and
Society for Innovation and Entrepreneurship in Dairying (SINED) TBI

Training Calendar 2015-2016

E-mail: bpdndri@gmail.com
Website: www.ndri.res.in www.ndritbi.com
Commercial Dairy Farming

**Duration:** 06 days

**Program Tentative Dates:**
- 27th April– 02nd May, 2015
- 25th May– 30th May, 2015
- 22nd June– 27th June, 2015
- 13th July– 18th July, 2015
- 17th August– 22nd August, 2015
- 14th September, 2015– 19th September, 2015
- 12th October, 2015– 17th October, 2015

**Eligibility & Selection**
- Programme is open for those who are interested in setting up of commercial dairy farms based on scientific principles. There are 20-25 seats for this training.

**Program Fee (`):** Rs. 10,000/- (including boarding & lodging)

**Topics to be covered**
- Important Breeds of dairy suitable for commercial dairy farming
- Economic parameter and project proposal development of commercial dairy farm for sustainability
- Fodder production, preservation and feeding requirements of dairy animals, feed formulations and role of feed additives and supplements
- Utilization of farm waste
- Animal Health Management: Common disease of dairy animals, symptoms, prevention and vaccination
- Housing & shelter management of dairy animals: Designing and construction of shed, milking parlour and layout of dairy farms
- Quality milk production: Aspects of clean milk production handling and transportation of raw milk
- Value addition in milk for enhancement of farm income
- Interaction with dairy equipment industries, commercial dairy farmers and financial institution representatives
Milk & Milk Products Processing

Duration: 06 days

Program Tentative Dates:
- 20\textsuperscript{th} July, 2015 - 25\textsuperscript{th} July, 2015
- 14\textsuperscript{th} December, 2015 - 19\textsuperscript{th} December, 2015

Eligibility & Selection
- The training is open for entrepreneurs, officials from animal husbandry & dairying departments, educated rural and urban youths and farmers. There are 20-25 seats for this training.

Program Fee (\`): Rs. 12,000/-

Topics to be covered
- Chemical quality analysis of milk & milk products
- Microbiological analysis of milk & milk products
- Processing of market milk
- Technology of heat & acid coagulated
- Traditional dairy products
- Technology of khoa & khoa based sweets
- Technology of fat rich dairy products
- Technology of cheese manufacturing
- Technology of fermented milk processing
- Packaging & labelling of dairy products
- Whey utilization for product development
- Maintenance and propagation of starter culture
- Detection of adulterants & preservative
- Utility management at dairy processing plant
- Cleaning, sanitation and hygiene maintenance of dairy processing equipment
- Ice cream and frozen dessert manufacturing
- Specialized dairy products and prospects of value addition at producer’s level
- Technology aspects of dairy By-products
- Financing linkages for dairy entrepreneurship
- Costing of dairy products
Specialised Training Programmes

1. **Practical training on Commercial Dairy Farming from 28th October to 07th October**

**Duration:** 10 Days  
**Program Fee (₹):** Rs. 15,000/-

**Eligibility & Selection**
- The training is designed for the persons engaged in dairy farming, staff from animal husbandry & dairying departments. The available seats are 10-15 per programme.

**Core Content:**
Training programme is designed to impart practical knowledge about the rearing of dairy animals. Practical sessions such as identification of breeds, characteristics of good quality dairy animals, management of calves heifers, latching animals, exposure to AI technique, clean milk production practices, preparation of silage, Familiarization with symptoms of animal diseases, preventive measures to minimize the outbreak of contagious diseases.

2. **Laboratory Techniques for a Frozen Semen Lab from 16th November, 2015- 21st November, 2015**

**Duration:** 06 Days  
**Program Fee (₹):** Rs. 15,000/-

**Eligibility & Selection**
- The training is open for Laboratory Technicians. There are 10 seats for this training.

3. **Laboratory Techniques for Evaluation and Quality Control of Frozen Semen from 23rd November, 2015- 28th November, 2015**

**Duration:** 06 Days  
**Program Fee (₹):** Rs. 15,000/-

**Eligibility & Selection**
- The training is open for In-charge/ General Manager of semen station. There are 10 seats for this training.
4. Breeding Soundness Examination of Bull and Andrological Examination from 18th January, 2016-29th January, 2016

Duration: 06 Days
Program Fee (₹): Rs. 30,000/

Eligibility & Selection

- The training is open for Veterinary officers and quality control officers. There are 10 seats for this training.

5. EDP on Whey & Dairy Based Beverages from 18th January, 2016-29th January, 2016

Duration: 05 Days
Program Fee (₹): Rs. 12,000/

Eligibility & Selection

- The training is open for entrepreneurs & dairy industry personnel. There are 20-25 seats for this training.

Core Content:
The training is designed to impart practical knowledge in the area of whey and other dairy based beverages such as whey drinks, sports drinks, whey based soups, etc. And other dairy beverages such as lassi, smoothies, etc. Since, whey us the by product of cheese and paneer special lectures would include their manufacturing details. Exposure would be given on packaging and FSSAI related issues.


Duration: 05 Days
Program Fee (₹): Rs. 15,000/

Eligibility & Selection

- The training is open for entrepreneurs, quality control personnel from dairy & food industry, educated rural and urban youths and farmers. There are 15 seats for this training.
7. **Specialized Training Programme on Infertility Management from 10th March- 15th March, 2016**

   **Duration:** 05 Days  
   **Program Fee (`):** Rs. 10,000/-  

   **Eligibility & Selection**  
   - The training is open for para-veterinarian and officials from animal husbandry & dairying departments

8. **EDP on Cheese and Fermented Milk Products from 21st March, 2016- 25th March, 2016**

   **Duration:** 05 Days  
   **Program Fee (`):** Rs. 15,000/-  

   **Eligibility & Selection**  
   - The training is open for Dairy farmers/ entrepreneurs, officials from dairy industry, educated rural and urban youths and farmers. There are 10-15 seats for this training.

   **Accommodation**  
   - Boarding and Lodging facilities will be provided at Scientist home of NDRI, Karnal.

   **Certificate**  
   - A certificate will be awarded to the participant on the successful completion of the course.
Application Form

1. Full Name (in block letters)

2. Present Designation and Address

3. Email & Mobile No.

4. Permanent address

5. Date of Birth

6. Sex: Male/Female

7. Experience in Agriculture & Dairy

8. Educational Qualification

Signature of applicant

Date__________________
Contact Details:

Dr. Ashish Kumar Singh
PS & In-charge, BPD Unit & SINED (TBI)

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