

Programmes 2015-16

The National Dairy Development Board set up Northern Regional Demonstration and Training Centre (NRDTC) in early eighties, to make available the needs of trained manpower for dairy development activities in the northern region. Since its inception, the centre has been conducting various programmes for different cooperative milk unions, government departments and NGOs. The course curriculum for each programme has been designed to suit the requirements of client organisations. NRDTC has constantly strived to upgrade its training keeping in view the developments in the dairy sector and the feedback from participants and client organisations. NRDTC continued its efforts to conduct various capacity building programmes during this year also.

Courses

The training programmes include a combination of theory, practical, field visits, group discussions, role plays, games, audio-visual shows etc. Besides regular programmes, NRDTC also offers customised programmes to meet specific training need of the organisations.

Facilities

NRDTC offers an environment that is conducive for learning. The participants enjoy the privilege of being trained by a well experienced faculty. The centre imparts training through modern teaching aids and demonstration units. Board & lodging facilities are provided within the premises itself. NRDTC also provides a wide range of facilities for recreation and sports.

Location

The NRDTC is located at Jalandhar, Punjab which is well connected by road and rail. It is about 8 km from the city railway station and 10 km from the city bus stand.

General Information

- Programmes cover a minimum batch size of 15 and maximum size of 20 participants.
- Slots would be allotted on first-cum-first serve basis.
- The training charges specified include tuition fees, course material, boarding and lodging, transportation for field visit and service tax at the applicable rates of the Government.
- The programme fees are subject to revision and the revised structure would be applicable from the date of its revision.
- At par cheques towards the training fees should be drawn in favour of "National Dairy Development Board", it should reach before commencement of the programme. Nominations should be sent at least one month prior to commencement of the programme.
- Any of the programme slots may be cancelled /postponed if sufficient number of candidates are not available.
- Intimation for cancellation of nomination should be sent at least fifteen days prior to the date of commencement of the said programme.
- No family accommodation would be provided to any candidate.

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	Artificial Insemination (AI) Basic	Custom Made AI	Refresher Programme in Artificial Insemination	DCS Secretary
Programme Objectives	To enable the participants: <ul style="list-style-type: none"> • Learn AI technique to practice quality AI so as to improve genetic potential of the cattle in a village with objective to increase the milk production. • To make aware the farmers about AI and general management of dairy animals. 	To enable the participants: <ul style="list-style-type: none"> • Identify the problems in the field and solve it, • Acquire knowledge of latest technology in the field of AI and reproduction. 	To enable the participants: Identify the problems in the field and solve it, Acquire knowledge of latest technology in the field of reproduction, Increase fertility of animals by solving reproductive disorders	To enable the participants: <ul style="list-style-type: none"> • Have a clear understanding of the basic concept of accounting, • Acquire knowledge of books of accounts at DCS. • Prepare and interpret statement of accounts and balance sheet. Working of DCS, Organising MCM, Role of DCS and DCS Members. Acquire knowledge of DCS Bylaws
Duration	45** days	02 days	5 days	21days
Trainee category	Matriculate village youths	Practicing AI Technicians	Practicing AI Technicians	DCS Secretary (New)
Programmes fees per participant	12894	573	1433	10971
Year End Target	06	02	02	02
Slots available	April 6 - May 20 May 25 - July 8 July 20 - sept.2 Sept.14 - Oct.28 Nov.30 - Jan.13 Feb.15 - March30	Design as per the specific need	Design as per the specific need	July 7 – July 27 Feb. 4 – feb. 24

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	Artificial Insemination (AI) Basic	Custom Made AI	Refresher Programme in Artificial Insemination	DCS Secretary
Brief description of course content	<p>History of Artificial Insemination (AI),</p> <ul style="list-style-type: none"> • Physiology of reproductive organs, • Oestrous cycle & symptoms of heat, • Technique and timing of AI, • Parturition, • Ideal calving cycle, • Types of semen, • LN₂ containers and their handling, • Care & management of Calves, pregnant, dry & lactating animals, • Disbudding of calves, • Balanced ration & feeding, • Fodder cultivation - its preservation, • Urea straw treatment, • Clean milk production, • Common infectious diseases and its prevention & control. 	<p>Status of AI Centres. Problems in AI and their solutions. Feeding of various categories of animals.</p> <ul style="list-style-type: none"> • Common diseases of dairy Animals. <p>Coverage of AI within the village.</p> <ul style="list-style-type: none"> • Heat detection and timing of AI, • Technology to improve efficient utilisation of feed and fodder. • Animal insurance. <p>Action plan preparation for AI centre .</p>	<p>Status of AI Centres. Problems in AI and their solutions. Discussion on common causes of AI failure Coverage of AI within the village.</p> <ul style="list-style-type: none"> • Technology to improve efficient Dairy animal management • Animal insurance. <p>Action plan preparation for AI centre .</p> <ul style="list-style-type: none"> • Proper technique of insemination & importance of asepsis in AI, • Common mistakes in handing liquid nitrogen container and transportation of frozen semen at field level. 	<p>Accounting, its role in DCS Business,</p> <ul style="list-style-type: none"> • Basic Accounting, principles and procedures. • Books of accounts, Cash Book and G Ledger writing, • Preparing statements of accounts, Trading accounts, P/L Account, • Balance Sheet, • Interpretation of accounts and statements.

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	DCS Secretaries Refresher	Farmers Orientation Programme (FOP)	Farmers Induction Programme (FIP)	Clean Milk Production (CMP)	Management committee Members (MCM)
Programme Objectives	To enable the participants: <ul style="list-style-type: none"> • Identify the problems in the concept of accounting. Acquire knowledge of books of accounts at DCS. <ul style="list-style-type: none"> • Prepare and interpret statement of accounts and Balance sheet. 	To enable the participants: Acquire knowledge of role and responsibility of DCS Members. Basic knowledge of dairy animal management. Efficient utilisation of feed and fodder.	To enable the participants: Acquire knowledge of role and responsibility of DCS Members. Basic knowledge of dairy animal management. Efficient utilisation of feed and fodder.	To enable the participants to acquire the knowledge to improve raw milk quality. Ensure quality milk from udder to DCS.	To enable the participants: Acquire knowledge of role and responsibility of MCM. Basic knowledge about DCS management.
Duration	02	02	02	01	02
Trainee category	DCS Secretary	DCS Members (Old)	DCS Members (New)	Milk producers	Management committee Members
Programmes fees per participant	573	573	573	287	573
Year End Target	02	12	12	09	05
Slots available	Design as per the specific need	07-08 April 05-06 May 02-03 June 01-02 July 04-05 Aug. 01-02 Sept. 06-07 Oct. 03-04 Nov. 02-03 Dec. 05-06 Jan. 2016 01-02 Feb. 01-02 March	28-29 April 26-27 May 29-30 June 28-29 July 25-26 Aug. 28-29 Sept. 27-28 Oct. 23-24 Nov. 29-30 Dec. 28-29 Jan. 25-26 Feb. 28-29 March	22 April 13 May 24 June 19 Aug. 15 Sept. 14 Oct. 10 Dec. 12 Jan. 17 March	18-22 May 8-12 June 10-14 Aug. 7-11 Sept. 19-23 Jan.

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	DCS Secretaries Refresher	Farmers Orientation Programme (FOP)	Farmers Induction Programme (FIP)	Clean Milk Production (CMP)	Management committee Members (MCM)
Brief description of course content	<ul style="list-style-type: none"> • Aim of the participants. • Day to day problems & discussion • Organization and functioning of DCS. • Handling and maintenance of dairy equipment's. • Importance of account maintenance • Producer relationship management. • Action plan preparation. 	<ul style="list-style-type: none"> • Dairy cooperative benefits to the farmers. • Dairy animal breeding, health care and management. • Clean milk production. • Role of women in DCS. • Common diseases in animals and preventions. • Quality feed and fodder production, preservation and utilization. 	<ul style="list-style-type: none"> • Dairy cooperative benefits to the farmers. • Dairy animal breeding, health care and management. • Clean milk production. • Role of women in DCS. • Common diseases in animals and preventions. • Quality feed and fodder production, preservation and utilization. 	<ul style="list-style-type: none"> • Steps involved in clean milk production. • Use of SS vessels. • Hygienic practices and animal health especially on mastitis and external parasites. • Hygienic milking procedure at producer's level. • Cleanliness of animal shed. 	<ul style="list-style-type: none"> • Role of MCM and its conduct of Regular meetings. • Role of milk producers in DCS • Role of women in dairy cooperative. • Animal health management, breeding and common diseases. • Quality management and clean milk production. • Ration balancing programme.