

Feed The Future India Triangular Training (FTF ITT) Program

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1. Upcoming FTF ITT Programs

I. 32nd FTF ITT Training Program on "Modern Dairy Technology, Management and Cooperatives" scheduled during 5 – 19th February, 2019 at ICAR-National Dairy Research Institute (NDRI), Karnal, Haryana, India.

ICAR-National Dairy Research Institute (NDRI), is India's premier Dairy Research Institution which has developed considerable expertise over the last five decades in different areas of Dairy Production, Processing, Management and Human Resource Development. Information and technologies generated at this Institute and the services being offered have contributed to the growth of dairy as an industry as a whole and well-being of millions of milk producers and consumers of milk and milk products. Realizing the challenging need of Global Dairy Trade, the Institute is continuously working to develop its R&D and HRD Programs to better serve the nation in terms of food security, employment generation, poverty alleviation and economic prosperity. Being the National Institute, it is engaged in basic and applied research with the objective to enhance animal productivity and also to develop cost effective technologies for the benefit of the teeming millions. The Institute also undertakes extension programs for transferring the know-how from the laboratory to the farmers' fields.

Commercial farming in dairy production and processing has great potential for employment generation both in rural and peri-urban areas besides being a source of liquidity and insurance against crop failure. Dairy as a business provides employment throughout the year with high rate of returns for the farmers. Depending upon the breeds of animals, managerial skills and marketing skills of the farmer, dairy can be a very profitable and sustainable business. Dairy farming can also be taken up as a main occupation around big urban centers, wherein the demand for milk is high. Modern and well established scientific principles, practices and skills should be used to obtain maximum economic benefits from dairy farming.

Owing to the above-mentioned advantages of dairy farming, NDRI is hosting the 32nd FTF ITT Program on "Modern Dairy Technology, Management and Cooperatives" during 5 – 19th February, 2019 with the following main objectives:

- ❖ To acquaint the participants with knowledge in principles, planning and technical approach for establishing commercial dairy farms, processing of milk and development of marketing network.
- ❖ Development of value chain in milk production, processing and marketing to minimize the marketing channels.
- ❖ Establishment of linkage among the various stakeholders to safeguard the interest of Producer as well as consumers.

II. 33rd FTF ITT Program on "Seed Production, Processing and Commercialization" scheduled during 12 -26th February, 2019 at National Seed Research & Training Centre (NSRTC), Varanasi, Uttar Pradesh, India.

National Seed Research and Training Centre (NSRTC) is the apex center to maintain the uniformity in seed testing results and HRD at national level. The prime objective of establishment of NSRTC is to have a separate National Seed Quality Control Laboratory, which serves as a Central Seed Testing Laboratory (CSTL). CSTL is maintaining the uniformity in seed testing result among all State Seed Testing Laboratories at the national level. It acts as referral Laboratory for court referred seed samples and also a member laboratory of International Seed Testing Association (ISTA) Switzerland. In addition, CSTL monitors the market seeds through purchasing the samples from various seed selling points and its testing. Further, it organizes the national trainings, workshops & congress for the benefit of personnel who are involved in Seed Development and Quality control programme and stakeholders of seed Industry for updating their Knowledge and skills.

The 33rd FTF ITT Training Program on “Seed production, Processing and Commercialization is being organized by NSRTC with the main aim of providing in-depth knowledge in quality Seed production and how to plan suitable marketing strategies to personnel who are involved in Seed Development and Quality control programme and stakeholders of seed Industry. The programme will build capacity of the FTF ITT international participants on the areas related to seed production, processing, testing, certification, quality control and marketing. The training programme is designed with the following objectives & key components:

- ❖ Build capacity of officers, executives and managers in the area of quality seed production.
- ❖ Understanding the post-harvest, handling and management of seeds.
- ❖ Understanding the importance of seed testing.
- ❖ Awareness about the opportunities and challenges in seed certification and Quality control.
- ❖ Understanding of market information and marketing decision.
- ❖ Exposure to best marketing practices and seed supply chains.

2. Back at Work Plan stories from the FTF ITT alumni

1. Awareness campaign for farmers on organic vegetable farming by an executive from Afghanistan

Afghanistan is a country with diverse agro-climatic conditions. The growth of its agriculture is through the advancement of farmers and services of extension officials. Afghanistan is doing well in agriculture through the export of agricultural produces.

Mr. Afghan Muhammad Hanif is an extension worker and was trained under Feed The Future India Triangular Training (FTF ITT) Program conducted at ICAR-Indian Institute of Vegetable Research (IIVR), Varanasi, Uttar Pradesh, India. From 06 – 20 February, 2018.



He was inspired by the exposure to the international training program at ICAR-IIVR, Varansi. During this training he became aware about the possibilities of organic vegetable cultivation and their increasing demand among the consumers. With the aim of generating public awareness on production, processing and marketing of organic vegetables for better income in Afghanistan. He conducted three sensitization meetings and technical demonstrations to farmers and officers of Afghanistan. A total of 115 farmers and officers were benefitted by this work on imparting knowledge on organic vegetable farming and its methods". He took hands-on experience sessions to all the stakeholders on grafting, swing, controlled environment farming, preparation of organic manure and irrigation aspects of organic farming in tomato, cucumber, eggplant, potato and other crops.



Key outcome of his initiative are as follows:

- ❖ Introduction of modern vegetable production techniques in his province
- ❖ Awareness creation and skill development on organic farming, its health benefits and marketing
- ❖ Introduction about certification of organic farm products

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II. How a Livestock officer is changing the face of Dairy Advisory Services in Mongolia

Dairy is the major activity within the livestock sector and the role of corporate dairy business is known to be well developed in Mongolia. Also, the state of dairy development at farm level with good practices and technological interventions is said to be in a developing stage.

Ms. Tuvshintuya Gombo Ganbaatar, Officer for Breeding Registration and Information from National Center of Livestock Gene Bank of Mongolia, was trained under Feed The Future India Triangular Training (FTF ITT) Program on "Modern Dairy Technology and Management" at ICAR-

National Dairy Research Institute (NDRI), Karnal, Haryana, India. Scheduled during 15th - 29th April, 2017.

After going back, Ms. Ganbaatar was successful in initiating the dairy development activities in her home country, Mongolia. Her aim was to create awareness about registration of milching cows for better government administration and direct benefits to farmers.

Ms. Ganbaatar reflects on her endeavor-“I have learnt a lot during my FTF ITT training program in India. Owing to that knowledge, I thought with my back at work plan, I can contribute my bit to help the farming community of my country”

She conducted training programs on knowledge and improving the skills of farmers and



extension officers in cattle registration and animal health management. Twenty officials from central region were trained and directed and they were provided with required equipment to provide dairy extension advisory services.

Major focus of her work:

- ❖ Awareness generation on dairy management practices among the rural community members
- ❖ Capacity building of government officers
- ❖ Training on improved animal healthcare practices

Ms. Tuvshintuya Gombo Ganbaatar

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3. Details of Post Graduate Diploma in Agricultural Extension Management (PGDAEM-MOOCs) using Massive Open Online Courses (MOOCs) announced by MANAGE, Hyderabad, India.

MANAGE is offering a post graduate diploma in agricultural extension management (PGDAEM) on a distance mode for the extension functionaries of agriculture and allied sectors of the central/state/UT governments, SAUs, KVKs and Agri-business companies and Agri-enterprises, NGOs, Banks and cooperative functionaries.

This is one year course based on Massive Online Open Courses (MOOCs) platform. The fees Rs.7000/- for Indian candidates and US\$ 220 for International candidates. The programme has 32 credits and will be offered in two semesters across one year.

The program will have five courses each in both first and second semesters, with one assignment for each course. In addition, there will be a project work in the second semester. A candidate seeking admission to the course must register online in the website- <http://www.manage.gov.in/moocs/admissionList-2017-18-1.asp>.

4. Details of Indian Technical and Economic Cooperation (ITEC) program

National Institute of Agricultural Extension Management (MANAGE) is organizing a 2 week training program on "Computer Application in Agricultural Extension" (18th February – 6th March, 2019). The training is being organized under Indian Technical and Economic Cooperation (ITEC) program-an initiative of Government of India with the overarching goal of establishing mutual concern and cooperation with different countries. The main role of the training workshop is to equip policy makers, administrators, researchers and field level officials from different countries and strengthening their technical and economic capacity. The international participants can apply to this program through this link https://www.itecgoi.in/courses_list.php?salt3=eeb70d4abd20182019&salt4=9f4afc5bec19&salt=49c395af54200 or visit www.manage.gov.in. The detailed information and the eligibility conditions for applying to this program are available on the ITEC Website www.itecgoi.in

5. Glimpse of upcoming issue of bulletin

1. A brief report on the 32nd International Training Program on "Modern Dairy Technology, Management and Cooperatives" during 5 – 19th February, 2019 at ICAR-National Dairy Research Institute (NDRI), Karnal, Haryana, India and 33rd International Training Program on "Seed Production Processing and Commercialization" scheduled during 12th – 26th February, 2018 at National Seed Research & Training Centre (NSRTC), Varanasi, Uttar Pradesh, India
2. Many more interesting stories from Back at Work Plan reports of the FTF ITT Alumni.

FTF ITT Training Program Overview

Total Number of Training Programs Completed: **31**

Number of executives trained till now: **793**

Male: Female: **467:326**

Number of Countries covered: **17**

Name of the countries:

Asia: Afghanistan, Cambodia, Lao PDR, Mongolia, Myanmar and Vietnam

Africa: Botswana, Democratic Republic of Congo, Ghana, Kenya, Liberia, Malawi, Mozambique, Rwanda, Sudan, Tanzania and Uganda

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