

## Feed The Future India Triangular Training (FTF ITT) Program

### In this Issue:

1. A brief report on the 31<sup>st</sup> International Training Program on "Plant Health Management, Bio-security and Quarantine" during 27 November - 11 December, 2018 at National Institute of Plant Health Management (NIPHM), Hyderabad, India
  - I. The Inaugural Ceremony
  - II. Brief Summary of the Program
  - III. Valedictory Ceremony
2. Stories from Back at Work Plans of the participants
  - I. Awareness on Organic Vegetable Farming through Mass Media in Uganda
  - II. Broadcasting of Indian Modern Storage Technologies in Botswana
3. Messages from the 31<sup>st</sup> FTF ITT Participants
4. Details of Post Graduate Diploma in Agricultural Extension Management (PGDAEM-MOOCs) using Massive Open Online Courses (MOOCs) announced by MANAGE, Hyderabad.
5. Details of Indian Technical and Economic Cooperation (ITEC) program
6. Sneak peek into the upcoming issue of our bulletin

**1. International Training Program on "Plant Health Management, Bio-security and Quarantine" during 27 November - 11 December, 2018 at National Institute of Plant Health Management (NIPHM), Hyderabad, India.**

### I. The Inaugural Ceremony

The 31<sup>st</sup> International Training program on "Plant Health Management, Bio-security and Quarantine" was inaugurated on 27<sup>th</sup> November, 2018 at National Institute of Plant Health Management (NIPHM), Rajendranagar, Hyderabad, India. This program aimed to impart an insight of latest technologies available for sustainable plant health management among the participants.



FTF ITT Training Program on "Plant Health Management, Bio-security and Quarantine", Inaugurated by Smt. V. Usha Rani, IAS, Director General, MANAGE

The program was inaugurated by Smt. V. Usha Rani, IAS, Director General, MANAGE, Hyderabad; and Smt. G. Jayalakshmi, IAS, Director General, NIPHM, Dr. Ch. Sreenivasa Rao, and Dr. Alice R. P. Sujeetha (The Course Directors) were present in the ceremony.

Dr. Alice R. P. Sujeetha welcomed 20 participants from 10 countries of Asia and Africa viz., Afghanistan, Mongolia, Myanmar, Sri Lanka, Kenya, Liberia, Malawi, Mozambique, Tanzania and Uganda.

Smt. V. Usha Rani during her inaugural address highlighted how India after Independence struggled as a country due to famines, underproduction and malnutrition. But later on with the growth in agricultural sector and the advent of green revolution it gradually emerged as a self-sufficient nation in terms of food production. In fact, today we stand as a proud nation and leading exporter of various agricultural commodities.

She also emphasized how the FTF-ITT program is successfully expanding its reach with each of its training program. She extended a warm welcome to all the participants and also expressed how the



Smt. G. Jayalakshmi, IAS, Director General, NIPHM, Hyderabad  
addressing the participants

executives trained in the past FTF ITT programs have come up with most productive and community focused Back At Work Plans. She also expressed her expectations to receive similar outcomes with the executives of the current training program.

Smt. G. Jayalakshmi welcomed the executives with her heartfelt wishes and also shared her experiences of previous FTF ITT training programs.

She mentioned that the scope of the FTF-ITT training program goes beyond the 15 scheduled days of the training program. The unique back to work plan makes this training an everlasting experience for all the participating countries, organizers and trainers.

## II. Brief Summary of the Program

A total of 20 participants (7 female and 13 male executives) from 10 countries namely, Afghanistan, Kenya, Liberia, Malawi, Mongolia, Mozambique, Myanmar, Sri Lanka, Tanzania and Uganda attended the training.

The program was designed to provide the participants with the understanding of the various advanced concepts of Agro-Ecosystem Analysis (AESA) and Ecological Engineering based Plant Health Management Systems. It aimed at imparting skills on various innovative soil & plant health management strategies for sustainable agriculture that can lead to conservation of natural resources in different cropping systems. The training sessions also focused on enriching the awareness and knowledge of the participants on various International Regulatory Framework and SPS Agreements.



**Group photo of Inaugural Ceremony of 31<sup>st</sup> FTF ITT Program**

The training program was participatory in nature, which included lectures, group discussions, case studies, and hands on experience and field visits. A learner-centered approach was followed to orient the participants on the various issues of Plant Health Management, Biosecurity and Quarantine.

During the training program, Executives also visited ICAR-Indian Institute of Rice Research (IIRR), Rural Technology Park (RTP) of National Institute of Rural Development (NIRD), National Institute of Agricultural Extension Management (MANAGE), International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), ICAR-Indian Institute of Oilseeds Research (IIOR), ICAR-Indian Institute of Millets Research (IIMR), Kisan Call Centre (KCC) & ICAR-National Bureau of Plant Genetic Resources (NBPGR). Visits to various cultural and historically important places of Hyderabad were also organized for the trainees.

### **III. Valedictory Ceremony**

The fifteen days of training program was concluded on 11<sup>th</sup> of December, 2018 in the presence of Chief Guest Smt. Vasudha Mishra, Additional Secretary, Ministry of Agriculture and Farmers Welfare and the guest of honour, Smt. V. Usha Rani, Director General, MANAGE. Smt. G. Jayalakshmi, Director General, NIPHM presided over the function. Below are the few excerpts from their valedictory address:

Smt. G. Jayalakshmi, IAS, Director General, NIPHM emphasized upon the importance of training programs where in technology is transferred by experts through focused needs and enable cross learning from the participants of different countries. She also advised that the trainees should imbibe the knowledge from this program in a way that it can be practically implemented in their respective countries as their back at work plans.



**Smt. G. Jayalakshmi, IAS, Director General,  
NIPHM, Hyderabad**



**Smt. V. Usha Rani, IAS, Director General, MANAGE** addressed the gathering on the various agricultural issues that are relevant and common in almost all developing countries like: indiscriminate use of pesticides, food safety, eco-friendly IPM practices, pest Risk Analysis, concerns of plant biosecurity etc. She also stressed upon the gender issues in Agriculture and emphasized that most of the agricultural and allied activities are being carried out by women only. She advised the executives to utilize this opportunity of learning different plant protection advisories and implement them in their respective countries to meet the challenges in Agriculture and help the farmers.



**Smt. V. Usha Rani, IAS, Director General, MANAGE, Hyderabad**

**The Chief Guest, Smt. Vasudha Mishra, IAS, Additional Secretary, Ministry of Agriculture and Farmers Welfare, Govt. of India** in her address as Chief Guest stressed on the importance of plant health management, bio security and food security to the developing countries in the world. She highlighted



**Smt. Vasudha Mishra, IAS, Additional Secretary,  
MoA&FW, GoI**

the need of Plant bio security and plant quarantine system of a country should be strict in view of many recent pest incursions and spread of diseases from one country to another.

At the end of the ceremony, Certificates were distributed to the trainees of different countries by the Chief Guest Smt. Vasudha Mishra, IAS in the presence of Smt. V. Usha Rani, IAS, Director General, MANAGE and

Smt. G. Jayalakshmi, IAS, Director General, NIPHM.





Group Photograph of Valedictory Ceremony of 31<sup>st</sup> FTF ITT Program

## 2. Stories from Back at Work Plans

### I. Awareness on Organic Vegetable Farming through Mass Media in Uganda

Mrs. Ayingabire Beatrice, an Agriculture Officer from Kisoro district, Uganda, is a highly motivated women extension official to bring desirable change the organic vegetable farming in Uganda. Mrs. Beatrice was trained under the 18<sup>th</sup> Feed The Future India Triangular Training (FTF ITT) Program on “Production, Processing and Marketing of Organic Vegetables” at ICAR-Indian Institute of Vegetable Research, Varanasi, Uttar Pradesh, India where she was exposed to various innovative methods in Organic Vegetable production.



Radio program on Organic Vegetable Farming

After acquiring rich knowledge in organic farming of vegetables from India, she started addressing the nutritional security issues in Uganda through the promotion of organic vegetable farming. Her major focus is on sensitizing Ugandan farmers on growing organic vegetables and marketing them for good income. She conducted two training programs, one for Agriculture Extension Officers and another for farmers of Kayoyongo village, Nyakinama Sub-county on the benefits of organic vegetable farming and hazards of using inorganic fertilizers in vegetable growing. She also trained farmers on developing vermiculture and vermi-wash units at the village level for producing cost-efficient organic manure at the farm level.

Later, she used a Participatory Radio Campaign method to spread mass awareness on organic farming cultivation and its societal and economic benefits. During the process of radio lecture, she clarified many queries from Ugandan farmers about organic vegetable cultivation and marketing. She also conducted farm demonstrations in raising organic cabbage seedlings giving practical exposure to Ugandan framers.

#### **Outcomes:**

- ❖ Introduction of organic farming and its environmental benefits to Ugandan Farmers
- ❖ Awareness created on the organic farming benefits in the farming community.
- ❖ Highlighting nutritional benefits of organic products
- ❖ Demonstration on organic manure production such as vermiculture and vermin-wash
- ❖ Use of mass media for agricultural activities and kindling the interest of farmers about innovative activities.

#### **Mrs. Ayingabire Beatrice**

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## **II. Broadcasting of Indian Modern Storage Technologies in Botswana**

Botswana is a landlocked country with a total arable land of 0.7 percent. This indicates that there is a thriving agriculture system to feed its country people with the support of livestock sector



accounting for 80 of total agriculture GDP in the country. Like the rest of the world, the Post-harvest losses account for a major loss in Botswana also. This leads to one of the biggest problems to take care of food

security through scientific storage of agriculture produce.



Ms. Moatswi Chakubinga from Botswana was trained under the 28<sup>th</sup> Feed The Future India Triangular Training (FTF ITT) Program on “Modern Storage Technologies in Agriculture” at ICAR-



Central Institute of Post-Harvest Engineering & Technology (CIPHET), Ludhiana, Punjab, India where she learnt about various post-harvest technologies and practices related to the storage and processing of various dry and fresh agriculture produce.

After returning to Botswana, she started creating awareness on cold chain storage and general post-harvest handling. She visited four entities dealing with both fresh and dry farm produce and conducted inspections and shared information on good storage practices. The entities visited were Food Relief Services Warehouse, a private warehousing agency Bokomo Milling Company, Primary Schools and Clinic (Health facility), where the food materials are shared for feed purposes and Botswana Horticultural Market for collecting some samples and conducting a grain lab analysis for different parameters such as moisture content, admixtures, foreign matters, broken and insect pests.

The major impactful work was a presentation in Botswana Television (National Television) about safe food handling and proper management of post-harvest produce. The TV presentation was based on: How to store farm produce properly; Importance of proper storage; Factors affecting the shelf life of farm produce and ways of preserving fruits and vegetables.

**Outcome:**

- ❖ Mass awareness of safe food handling and proper management of post-harvest produce in Botswana through mass media participation
- ❖ Improved storage facilities and activities at all levels of food storages
- ❖ Sensitization on food safety to public and private agribusiness stakeholders in the country
- ❖ Indian technological interventions for food safety and security.

**Ms. Moatswi Chakubinga**

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### 3. Impressions of the FTF ITT Participants

**International Training Program on “Plant Health Management, Bio-security and Quarantine” – 27<sup>th</sup> November – 11<sup>th</sup> December, 2018 at National Institute of Plant Health Management (NIPHM), Hyderabad, India**



“Training was very useful. I would like to thank the organizers for their efforts to guide us in different aspects of plant health management and plant biosecurity. I really appreciate the teaching faculty of NIPHM who shared their expertise on different pest and disease problems in horticultural ecosystems”.

**- Mr. Mashwani Sadiqullah,  
Senior Irrigated Pest Management Specialist from Afghanistan**



“I really want to appreciate the training programme, design, scientific content, methodology and practical sessions. The institutional visits made during training provided us the opportunity to learn various aspects of plant health management and bio security. I personally want to thank all the organizers of MANAGE and NIPHM for conducting amazing training program”

**- Ms. Dissanayake Sagarika Sujeewani Sithara,  
Agriculture Instructor from Sri Lanka**

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

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 for Indian candidates is Rs.7000.00 and US\$ 220 for international candidates. The programme has 32 credits and will be offered in two semesters across one year.



The programme 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>.

## 5. 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” (18<sup>th</sup> February – 6<sup>th</sup> 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 programme through this link [https://www.itecgoi.in/courses\\_list.php?salt3=eeb70d4abd2018-2019&salt4=9f4afc5bec19&salt=49c395af54200](https://www.itecgoi.in/courses_list.php?salt3=eeb70d4abd2018-2019&salt4=9f4afc5bec19&salt=49c395af54200) or visit [www.manage.gov.in](http://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](http://www.itecgoi.in)

## 6. Sneak peek into the upcoming issue of our bulletin

1. Upcoming program announcements
2. Many more interesting stories from Back at Work Plan reports of the FTF ITT Alumni.
3. Details of Indian Technical and Economic Cooperation (ITEC) Program

### 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: **20**

#### Name of the countries:

**Asia:** Afghanistan, Bangladesh, Cambodia, Lao PDR, Mongolia, Myanmar, Nepal, Sri Lanka and Vietnam

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

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