



## 5.1 : Training Received

### 5.1.1 : International Training

Name of the Scientist	Name of the course/training	Place	Period
Mr. K. Velmourougane	International Training Programme on Carbon Trading/ Carbon Sequestration/Climate Change (Crop Science)	Centre for Environmental Risk Assessment and Remediation (CERAR), University of South Australia, Australia	08-01-2014 to 14-03-2014

### 5.1.2: National Training

Name of the Officials	Name of the course/training	Place	Period
Dr. H. B. Santosh	CAFT Training on Advances in Statistical Genetics	IASRI, New Delhi	02.07.2013 to 22.07.2013
Dr. M. Sarvanan	Short-Term Workshop on Molecular Phylogenetics	IISc, Bengaluru	01.08.2013 to 05.08.2013
Dr. Rishi Kumar	Detection and Measurement of Insecticide Resistance including Molecular Aspects of Insect Pests	NBAII, Bengaluru	02.09.2013 to 11.09.2013
Dr. K. Sankaranarayanan	Forecast Modeling in Crops	ICAR, New Delhi	03.09.2013 to 23.09.2013
Dr. Punit Mohan	Training Programme on Management of Plant Genetic Resources	NBPGR, New Delhi	16.09.2013 to 25.09.2013
Er. Gautam Majumdar Mr. Sanjay Kushwaha	Online Examination system for ARS/NET under NAIP Developing, commissioning, operating and managing an online system for NET/ARS Prelim Examination in ASRB ICAR.	ASRB, New Delhi	22-11-2013

## 5.2: Training Imparted

### International training

#### Nagpur

#### Training programme on "Applied Cotton Biotechnology" under Cotton TAP for Africa

Technical Assistance Program for Africa (TAP) was launched by Hon'ble Ministry of Commerce, Industry and Textile, Government of India with IL&FS clusters, New Delhi as a project implementing agency. Ministry of Commerce identified CICR, Nagpur as implementing agency to undertake training on "Applied Cotton Biotechnology". Delegates from six African Countries viz., Malawi, Nigeria Uganda, Benin, Burkina Faso and Chad were participated. The training was conducted at Biotechnology section of Central Institute for Cotton Research, Nagpur from October 21<sup>st</sup> to December 20<sup>th</sup> 2013. Training programme was started with an orientation to the participants exposing them with the facilities available in biotech and other laboratories, field, polyhouses etc. Training was inaugurated by Dr. C. D.

Mayee, Former Chairman, ASRB, Govt. of India and Dr. R.G. Dani, Vice Chancellor, Dr. PDKV, Akola. The training modules were prepared to cover all the basic and applied research of biotechnology and molecular breeding. The program included 5-modules on general techniques in biotechnology, techniques in isolation and cloning of genes, transgenic cotton development and their molecular characterization, molecular cotton breeding, biosafety issues and IPR. The training was planned with lectures and practical's to infuse basic and applied knowledge on cotton biotechnology to fulfil the needs in their respective countries. More "hands-on





training" was given to participants in all the modules with trained faculties in field and laboratory techniques. To impart training more uniform and for better understanding for the participants from C-4 countries like Burkinafaso, Benin and Chad, the lecture and practical notes were provided in advance to them in French as well as English language. Evaluation of the module using prescribed proforma in 1- 10 point scale containing lectures and speaker was obtained from the all the participants. The feedback was encouraging and shows their complete satisfaction about the training programme with an overall rating of 9.23. Field visit and Study tour were performed as per their program planned. They have visited GTC, CIRCOT, Nagpur, Breeding support centre, Ankur seeds Nagpur, Morarjee textile Mills, Nagpur, Dr. PDKV University, Akola, Mahyco Seeds, Jalna and historical places of Maharashtra. The training course was coordinated by Dr. G. Balasubramani and Dr. K.P. Raghavendra and the Nodal Coordinator was Dr. D. Blaise.

## National Training

### Nagpur

#### Training on Pest Assessment and Management

A one-day training on "Pest Assessment and Management" for agriculture officials, SRFs and pest scouts under HDPS was organized at CICR, Nagpur on 10.09.2013. About 106 trainees were trained during the programme.



#### Training on HDPS and INM

Four programmes were conducted for training farmers from Amravati on 10/5/2013, those from Wardha on 3/10/2013, Chandrapur on 18/11/2013 and Jalgaon on 11/12/2013 on production and protection technologies for HDPS in cotton. More than 1000 farmers benefitted from these training programmes. Besides these, two more training programmes were conducted for the benefit of the officials (agriculture) of Maharashtra State from Amravati and Nagpur divisions.

A one-day training for farmers on 'High Density Planting System' and 'Integrated Nutrient Management in Cotton' was conducted each at Kothadi village in Muktainagr tahsil and Rel Pardhi in Dharangaon tahsil of Jalgaon district of Maharashtra by Dr. S. M. Wasnik, Principal

Scientist.

## Field Experience Training for ARS probationers

Six ARS probationers from 99<sup>th</sup> FOCARS batch from NAARM, Hyderabad completed their Field Experience Training [FET] of 21 days duration w.e.f. 23.2.2014 to 15.3.2014 at CICR, Nagpur. Dr. Sunil Rokde, Principal Scientist, Livestock Management and Dr. V. Santhy, Senior Scientist, Seed Technology, co-ordinated the training programme.

### Coimbatore

#### Training Programme on IRM/ HDPS - 2013

A one-day training programme on Insect Resistance Management/High Density Planting System (IRM/HDPS) was organized by CICR, RS, Coimbatore on 7 August 2013. The training programme was aimed to provide the technical details and guidelines on IRM/HDPS to the Agricultural Officers from the IRM/HDPS-implemented districts of Tamil Nadu. It was conducted under the leadership of the IRM State Coordinator (Tamil Nadu), Dr. (Mrs) B. Dharajothi, Principal Scientist. The trainees included State Agriculture Officers, Deputy Agriculture Officers and Agriculture Officers of Perambalur, Virudhunagar, Dharmapuri and Coimbatore districts of Tamil Nadu.

#### Training under TSP/AICCIP

Three on-campus training programmes were conducted under AICCIP-TSP for 50 tribal cotton growers from Vellore and Coimbatore districts during the months of February and March.



### Sirsa

#### IRM training for HDPS

A one-day training was organized on Insecticide Resistance Management under High Density Planting System in cotton on 22 July 2014. Dr A.M. Narula, Project Director of KVKs of Zone-I was the Chief Guest.

#### Training on Cotton Production Technology

Training programme was organized for farmers on "Cotton Production Technology" in association with Agricultural Technology Management Agency (ATMA), Bhilwara at CICR, RS, Sirsa from 17 to 22 February 2014.