

## 6. Education and Training

### 6.1: Training Received

#### 6.1.1: International Training

Name of the scientist	Name of the course	Place	Period
Dr K Rathinavel	International programme on Plant Variety Protection and DUS testing for Indian Experts	National Institute of Agricultural Botany (NIAB), Cambridge, UK	June 28 - July 9, 2010

#### 6.1.2: National Training

Name of the scientist	Name of the course	Place	Period
Dr.K.P.M. Dhamayanthi	Training programme on Molecular Cytogenetics and Tissue Culture Techniques	CSK Himachal Pradesh Agriculture University, Palampur	Apr. 12- 26, 2010
Dr. D. Kanjana	90th Foundation Course for Agricultural Research Service (FOCARS)	NAARM, Hyderabad	Apr.20- Aug.17, 2010
Dr. V. N. Waghmare	Molecular tools for crop improvement	ICRISAT, Patancheru, Hyderabad	May 10-21, 2010
Dr. Anuradha Narala	91st Foundation Course on Agriculture Research Management	NAARM, Hyderabad	May 11 to Sept. 7, 2010
M. Sabesh	Training programme on Strengthening Statistical Computing	CIFE Mumbai	Jul. 11 to Aug.14, 2010
Dr. Annie Shiba A. Sampath kumar	92nd Foundation course for Agricultural Research Service (FOCARS)	NAARM, Hyderabad	Sept. 1 to Dec. 29, 2010
Dr. G. Balasubramani	IPR and WTO issues	TIFAC, Gurgaon	Sept. 6-10, 2010
Dr. Anuradha Narala Dr. K. P. Raghavendra	Technology Diplomacy	CUTS International Jaipur	Oct 4-8, 2010
Dr. M.V.Venugopalan	Cropping System Models: Applications in Land Resource Management	ICRISAT, Patancheru, Hyderabad	Oct. 18-22, 2010
Dr. S. M. Palve	Training course on Application of molecular markers for crop improvement	ICRISAT, Patancheru, Hyderabad	Nov.8-19, 2010
Dr. Anuradha Narala	Researchers training programme on SAS	Dept. Of Agricultural Statistics, BA College of Agriculture, Anand Agricultural University, Anand	Dec. 18-23, 2010
Mr. M. Saravanan	IPR and WTO issues	TIFAC, New Delhi	Dec. 27- 31, 2010
Dr. Annie Shiba Dr. A.K. Mukherjee, Dr. C.B.Naik, Mr. Sampath Kumar	National Training Programme on Molecular characterization of GMO's and its purity testing	CICR, Nagpur	Jan. 18 - Feb. 7, 2011
Dr. M.V.Venugopalan Dr. A.H. Prakash	RISAT UP training programme	Regional Remote Sensing Centre, Nagpur	Feb. 14-19, 2011
Dr. D. Kanjana	Training programme on Geoinformatics in land resource management	NBSS & LUP, Nagpur	Mar. 9-29, 2011
Dr. M. Amutha	Short term course on Molecular tools and Techniques in Plant and Animal Biotechnology	Bharathidasan University, Tiruchirapalli	Mar. 11-25, 2011

## 6.2 : Training Imparted

### Nagpur

#### National training on molecular characterization of GMO's and its purity testing

A National Training on “Molecular Characterization of GMO's and its Purity Testing” for 21 days was conducted at CICR, Nagpur from 18.01.11 to 7.02.11. The training was inaugurated by Dr. M. M. Pandey, Honorable DDG (Agril. Engineering), ICAR. In his inaugural address he expressed that it is appropriate to conduct such kind of training in the era of GMOs / Bt crops to identify and check spurious seeds coming to the market. He also lauded CICR for inventing Bt Detection kits to help the farmers as well as the Seed Testing officials.

This training was attended by 30 candidates of various departments from all over India. The programme included Theory and Practicals covering –Bt detection methods, Molecular Characterization of GMOs and Seed purity, Seed laws and related issues. It also included field visits to Ankur, Daftari private seed companies and Magar Sangrahalaya, Wardha. The Course Coordinators of this training Programme were: Dr. P. R. Vijaya Kumari, Dr. Sandhya Kranthi, Pr. Scientists and Dr. G. Balasubramani, Sr. Scientist, CICR, Nagpur. The Valedictory function was graced by the presence of Shri. D. Kanakarathnam, IPS, Joint Commissioner of Police, Nagpur.

#### Model training course on integrated cotton based farming system

Eight-day National Model Training Course on Integrated Cotton Based Farming System sponsored by Directorate of Extension, Govt. of India, Ministry of Agriculture & Cooperation, New Delhi was organized from 25<sup>th</sup> October to 1<sup>st</sup> November 2010 at CICR, Nagpur with a view to enhance technical know-how of senior and middle level extension personnel of State Agricultural Departments, to impart new knowledge, skills and sensitize the participants in new research concepts on judicious use of input to cotton based cropping system. Eighteen participants from the states of Tamil Nadu, Karnataka, Andhra Pradesh, Rajasthan, Madhya Pradesh and Maharashtra attended. The participants were exposed to various aspects of cotton production, protection, processing, intercropping, farming system concepts & models, biotechnological approaches, seed production

issues, weed management, post harvest management, economics of cotton farming and dissemination strategies. Considering current emerging problems such as rising cost of production, erratic climatic behaviour and non-remunerative single farming system, the lectures on use of associated enterprises with cotton such as integration of horticultural crops, livestock, fisheries, dairy, sericulture, poultry etc. were also covered for the benefits of farmers as it adds additional income, employments, profit and helps in improving overall economic condition of the farmers. The participants were also exposed to demonstration at various experimental fields including farmer's field in village Padgavari in Ramtek tahsil, laboratories and machinery workshop of CICR, NRCC and GTC. In all, 34 speakers including six guest speakers and 28 institute faculties provided excellent opportunities to share views and exchange each other experiences. The participants were supplied with course material like compendium of literature notes, books, and bulletins for further dissemination among various users. The course was conducted by Dr. S.M. Wasnik, Principal Scientist (Extension).

#### Training on cotton production technology

Two training programmes of one day each was organized on cotton production technology for FLD beneficiary farmers at villages Khursapur and Dhondgaon (Samudrapur tahsil) of Wardha district in Vidharbha region of Maharashtra. The training programme was attended by 82 farmers including 63 male and 19 female farmers. Dr. S. M. Wasnik, Principal Scientist (Extension) coordinated the programme. Also, imparted training to 38 extension workers of State Agri. Dept from Vidharbha at Samudrapur in Wardha district on 20/10/2010

### Coimbatore

#### Training on sustainable cotton production

A one day farmers training program on “Sustainable Cotton Production” was inaugurated by Dr. T. Surulivelu, Acting Project Coordinator (Cotton) and Head, Regional station, Coimbatore under the project TMC MM-II -Insecticide Resistance Management. Dr. B. Dhara Jothi, Senior Scientist and District Coordinator of the project highlighted the Insecticide Resistance Management on cotton and explained the detailed activities of the project.

