



KAWABATA EVALUATION SYSTEM

ATOMIC FORCE MICROSCOPE

FTIR ANALYZER

A Monthly Insight into the ICAR-CIRCOT

e - News Letter

November 2015, Vol.2. No.8

In this Issue >>

[Technology Insight](#)[Events](#)[Conference/ Workshop](#)[Upcoming Events](#)[Down Memory Lane](#)

Published by:

Director, ICAR-CIRCOT

Editorial Board:

Dr. P.G. Patil

Er. A.K. Bharimalla

Dr. C. Sundaramoorthy

Er. G. Krishna Prasad

Dr. T. Senthilkumar

Dr. S. V. Ghadge



Director's Desk...

Mera Gaon Mera Gaurav (My Village My Pride) scheme was officially launched by Hon'ble Prime Minister during the 87th ICAR foundation day held at Patna on July 25, 2015. The programme seeks to inculcate a sense of ownership among the agricultural scientist and ensure that farmers benefit from the best agricultural practices. The scheme is expected to bridge the divide between research and extension by taking research innovation to farm fields directly and strengthen the interaction with the farmers.

The scheme envisages to update farmers on agro-practices; provide information on inputs, technology as per the agro-ecological conditions of the village and markets; spread awareness about climate change, water conservation, soil fertility, etc; organise farmers' meets with institute specialists, identify technical problems at village level and make use of those in prospective research programmes.

The scheme was conceptualized in which scientists will identify the villages at the vicinity of the institutions for providing advisories and consultations to farmers that will focus on improving the farmer's welfare through improvement in farm production, productivity and value addition.

ICAR-CIRCOT has initiated the scheme by forming 6 groups of scientists and has identified 30 villages from the taluk of Wardha, Hinganghat, Deoli and Selu (Maharashtra) for implementation of the scheme.

P.G. Patil



ICAR-CIRCOT, Mumbai



Technology Insight

Process Protocol for Ginning of Machine Picked Cotton

Based on a large scale trial in a commercial ginning plant, a process protocol was developed for ginning of machine picked cotton. Number of cleaning machines required and sequence of operations were optimized considering the desired trash content and fibre quality attributes in the processed cotton. Machine picked cotton is processed in a pre-cleaning system consisting of 6-cylinder cleaner, stripper cleaner, 3-stage stick machine and impact cleaner connected in line through a pneumatic conveying system. Trash content of the machine picked cotton gets reduced from 12-14% to 4-5%. The final trash contents in the bales are found slightly higher than that in handpicked cotton.

World Trade Centre, Mumbai during 19-21 November, 2015.

The theme of this summit was 'Enabling Food for All' with the objective to create a forum for exchange of knowledge with experts and decision makers from over 28 countries. Over 85 exhibitors participated in the 3 day summit. Many speakers delivered talks on topics related to food and nutrition security, finance for agriculture, agricultural infrastructure and the role of women and youth in agriculture. Farmers, students, entrepreneurs and national as well as international guests visited the ICAR-CIRCOT stall and interacted with the institute staff. The visitors were briefed about the post-harvest technologies in the field of cotton and informed about the training and testing facilities available at the Institute.

5th Global Economic Summit Expo

**5th Global Economic Summit Expo
Center, World Trade Centre, Mumbai
on 19-21 November, 2015**

The ICAR-CIRCOT participated in the 5th Global Economic Summit held at the



Foreign delegates visited ICAR-CIRCOT stall



Dr. D. Rama Rao, Director, NAARM, Dr. P. G. Patil, Director, CIRCOT,
Mr. S. K. Joshi, DKMA, ICAR with CIRCOT staff at CIRCOT stall

Mera Gaon Mera Gaurav



ICAR-CIRCOT scientists during visit to Isapur village, Wardha

The Mera Gaon Mera Gaurav scheme envisages scientists to “select villages as per their convenience and remain in touch with the selected villages and provide information to the farmers on technical and other related aspects in a time frame through personal visits or on telephone”. In this regard, A group of CIRCOT scientists Dr. A.S.M. Raja, Dr. N. Vigneshwaran, Dr. P. K. Mandhyan, and Er. Krishna Prasad carried out a baseline survey in Ratnapur, Muradgaon (Khose), Sonegaon (Bai), Babhulgaon (Khose) and Isapur villages of Wardha district during November 2-3, 2015, under Mera Goan Mera Gaurav Scheme.

Another group of scientists led by Dr. S. K. Chattopadhyay, Principal Scientist & In-charge, MPD including Dr. V. Mageshwaran, Er. G.T.V. Prabu,

and Er. Sekar Das carried out baseline survey of Palasgaon, Digras, Khadki, Amgaon and Parsodi villages near Nagpur during the November 25-28, 2015. Farmers’ Meet was organized at Palasgaon village on 28th November, 2015 to create awareness among farmers about preparation of bio-enriched compost from chipped cotton stalks and soil fertility improvement. Mr. Vijay Deshpande and Ms. S. P. Mandawade, Assistant Agriculture Officers of Selu tehsil coordinated the meeting which was attended by about thirty farmers. Dr. V. Mageshwaran explained about organic methods to improve soil fertility and highlighted the properties of bio-enriched compost from cotton stalks.



Participation of farmers at bio-enriched compost from cotton stalks at Palasgaon village

Event

Communal Harmony Week

Communal Harmony Week was observed in the Institute. The staff of the institute were administered Communal Harmony Oath on November 19, 2015.

Constitution Day

In commemoration of the 125th birth anniversary of Bharat Ratna Dr. Babasaheb Ambedkar, a **Constitution Day** was observed on November 26, 2015 as per the Government's directive to celebrate November 26 every year as the Constitution Day. On this day, the staff were administered Oath by the Director to preserve the constitution of the Country.

Swatchh Bharat Abhiyan

Old scrap, unserviceable items and damaged papers were removed from the Institute building on 21st, November 2015 and November 28th, 2015. The staff of the Institute carried out cleaning activities.



ICAR-CIRCOT staff at cleaning activities on 21st November, 2015



ICAR-CIRCOT staff at cleaning activities on 28th November, 2015

Director's Visit

- (1) Dr. P. G. Patil, Director, ICAR-CIRCOT visited Krishi Vigyan Kendra, Baramati on November 07, 2015 for agricultural exhibition and live demonstration of crops and machinery used in agricultural processing industry. He participated in discussions held with farmers and shared information on CIRCOT technologies. Subsequently, he also visited small manufacturing units at Ichalkaranji making cotton based value added products like cotton bags, towels, diya vaties, handicrafts & packaging material etc.
- (2) Dr. P. G. Patil, Director, ICAR-CIRCOT participated in demonstration of machine picking of cotton at Palso-Badhe village, Akola on November 24, 2015. The programme was jointly organized by John-Deere & Krishi Vigyan

Kendra, Akola with aim to promote mechanization in cotton cultivation to improve cotton yield, reduce labour and carry out timely agricultural operations. The demonstration was conducted on fields of 9 farmers in which pneumatic cottonseed planter (row spacing: 80 cm and plant to plant distance: 15 cm), use of plant growth regulator and defoliant, drip irrigation, etc. were demonstrated. He also delivered a talk with reference to cleaning methods for mechanically picked cotton to reduce trash up to acceptable limits. The programme was attended by Sh. Sanjay Dhotre, Hon'ble Member of Parliament; Sh. G. Shrikant, Collector, Akola; Sh. Rajendra Nikam, District Superintendent Agricultural Officer, Akola and cotton farmers.



Dr. P.G. Patil with dignitaries at Cotton field just picked by single row cotton picker

Seminars/Conferences/Workshops

Dr. Hamid Hasan, Officer-in-Charge, QEU, Sirsa participated in Indian Cotton Conference - 2015 organised by the Indian Cotton Association Limited (ICAL) and North India Textile Mills Association (NITMA) at the Leela Ambience, Gurgaon on November 7, 2015.

Shri A. Arputharaj, Scientist, Chemical and Biochemical Processing Division, ICAR-CIRCOT attended Training Program on "Nanotechnology Applications in Agriculture" organized by Tamil Nadu Agricultural University, Coimbatore from 16-27, November, 2015.

Accolades

A team of 51 staff members of the Institute participated in the ICAR West Zone Sports Tournament 2015 held at ICAR-Central Sheep and Wool Research Institute, Avikanagar during November 2-6, 2015. Er. G.T.V.Prabu, Scientist, was the Chef De Mission and Shri Prabhudesai, ACTO and Shri Manoj Ambare, Senior Technical Assistant were the managers. The list of medals won by CIRCOT contingent in various events is given below:

S. No.	Events	Gold Medal	Silver Medal	Participants
1	Men			
	Carrrom	*		Shri. S.K. Parab
	Table Tennis		*	Shri. P.V. Jadhav Shri. Manoj Ambare Shri. H.S. Koli Shri. R.R. Gosai Shri. S.K. Parab
	100 X 4 meters Relay		*	Shri. N.V. Kambli Shri. Manoj Ambare Shri. S.S. Surkule Shri. Dhawal Dhodia Shri. S.P. Naik
2	Women			
	Chess	*		Mrs. Kiran Joshi
	Chess		*	Mrs. Hemangi Pednekar
	Table Tennis (Single)	*		Mrs. Smita Paiyala
	Table Tennis (Double)		*	Mrs. Smita Paiyala Mrs. Vijaya Walzade
	Carrrom	*		Mrs. Smita Paiyala
	Badminton (Double)		*	Mrs. Smita Paiyala Mrs. Hemangi Pednekar
Total medals		4 (Gold)	5 (Silver)	9



Group photo: Medal winners of ICAR West Zone Sports Tournament 2015



Dr. P. G. Patil, Director, ICAR-CIRCOT along with medal winners

Visit of Dignitaries



Dr. Pitam Chandra, Professor, NITEM and former Director, CIAE, Bhopal visited ICAR-CIRCOT on November 30, 2015. Dr. P. G. Patil, Director, briefed him on various new research initiatives of the institute.



Shri Dhiren N. Sheth, President, Cotton Association of India, Mumbai visited ICAR-CIRCOT

Personnel

Transfers

Dr. N. Shanmugam, Senior Scientist and Er. Shekhar Das, Scientist were transferred from ICAR-CIRCOT, Mumbai headquarters to ICAR-Central Sheep and Wool Research Institute, Avikanagar, Rajasthan on 5th Nov 2015.

Shri R. S. Umare, Skilled Supporting Staff transferred from ICAR-CIRCOT, Mumbai headquarters to GTC, Nagpur on 23rd Nov 2015.

Upcoming Event

- 1) Training Course on "Quality Evaluation of Cotton" at ICAR-CIRCOT, Mumbai

Training Calendar for 2015 -16

No.	From	To
1.	11-01-2016	15-01-2016
2.	08-02-2016	12-02-2016

COURSE CONTENTS

- Advances in Ginning Technologies
- Introduction and Practical in Cotton Grading
- Cotton Crop By-products
- Fiber Length Measurement using Conventional Instruments

- Demonstration in Fibre Fineness and Maturity
- Cotton fibre Testing using High Volume Instrument (HVI) and Advanced Fibre Information System (AFIS)
- Mechanical Processing of Cotton
- Contamination in Cotton and Marketing & Commercial aspect of Cotton
- Techno Entrepreneurial Activities and Business Planning Development
- Visit to Cotton Association of India, Cotton Green

Course Fee: Rs. 5618/- (Inclusive of taxes)

Contact Details

Mr. Dilip Kamble 09004892934

Mr. Anand Jadhav 09821760036

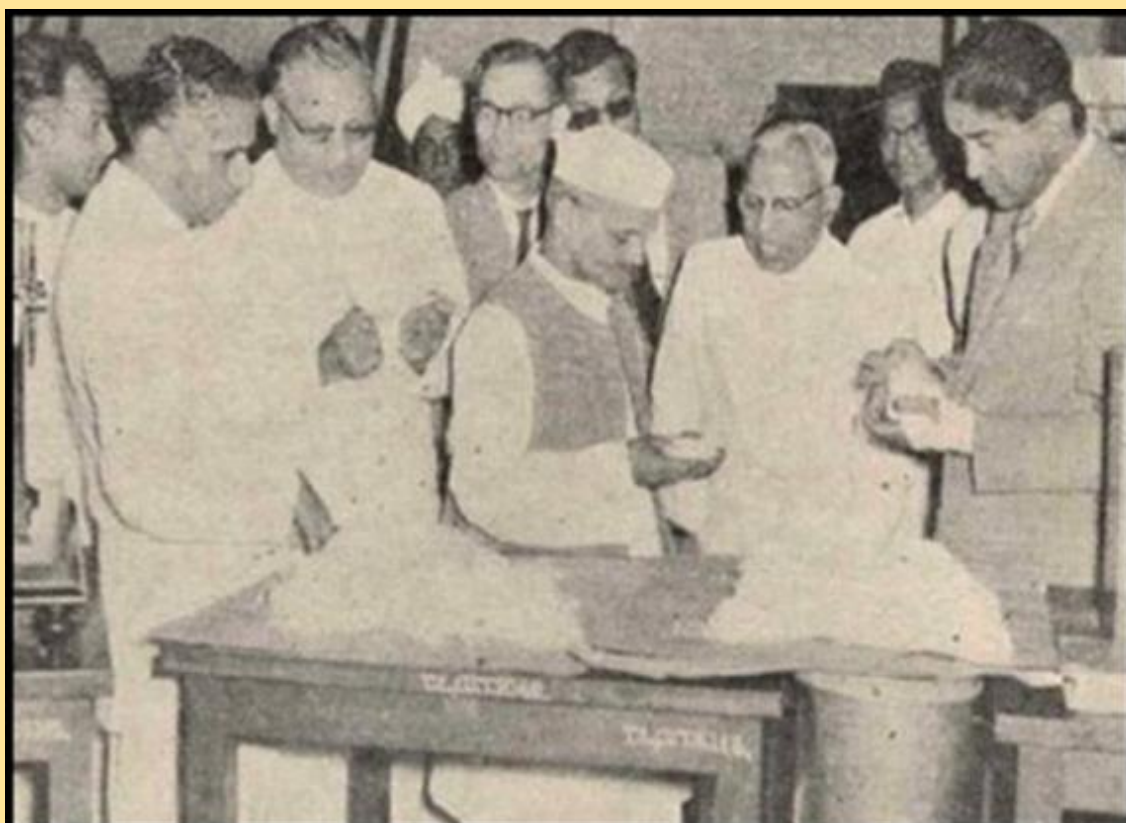
Phone: 022-24127273/76, Extn – 118

Fax: 24157239/24130835

circottraining@gmail.com

2) ICAR–CIRCOT and IFS is jointly organizing a “National Seminar on Recent Advances in Textile Finishing” on February 13, 2016 at CIRCOT Mumbai. For more details regarding registration, paper presentation please visit www.circot.res.in

Down Memory Lane



Hon'ble Shri Lal Bahadur Shastri ji Visited ICAR-CIRCOT, Mumbai (CTRL)
on 15th Jan 1959



ADDRESS FOR CORRESPONDENCE

The Director

ICAR-Central Institute for Research on Cotton Technology

DARE, Ministry of Agriculture, Govt. of India

Adenwala Road, Matunga (E), Mumbai – 400 019

Ph: 022 - 24127273/76; Fax: 022 – 24157239

For feed back e-mail: icarcircot.news@gmail.com

www.circot.res.in



“Healthy Soils for a Healthy Life”.