



Interaction with Stakeholders



* Dr. S. K. Shukla, Dr. Sujata Saxena, Dr. A. S. M. Raja and Dr. A. Arputharaj had an interactive meeting with TEXPROCIL on September 5, 2023 to discuss and explore the possibilities and opportunities to collaborate for implementing the ***Kasturi Cotton India*** project.

* Dr. N. Shanmugam and Dr. T. Senthilkumar visited M/s. Devasish Polymer, Silvassa, Vapi on September 5, 2023 regarding industrial collaborative project in rubber composites.

* Dr. N. Vigneshwaran, Dr. A.K. Bharimalla, Dr. A. Arputharaj and Mr. Rajesh P Kadam attended a meeting with representatives from M/s. Reliance Industries Limited on September 15, 2023 to discuss about the project on Extraction of Nanocellulose from Reliance algal biomass.

Awareness Programme



• Ginning Training Centre of ICAR-CIRCOT, Nagpur along with ICAR-CICR, Nagpur conducted a training cum awareness program for farmers on “Cotton Fibre, Clean Picking and Crop Residue Management” at village Telkamthi, Taluka Kalmeshwar, Dist. Nagpur on September 9, 2023. About 30 farmers participated in the program.

#Swachhata Hi Sewa (SHS)



* #Swachhata Hi Sewa (SHS) fortnight was implemented in the institute and regional stations. Cleanliness drive under SHS was conducted at ICAR-CIRCOT Mumbai during 17-21 September, 2023 and then on September 24, 2023. The Surat regional station conducted SHS drive on September 22, 2023 at the institute premises.

* The theme of SHS-2023 is ‘Garbage Free India’. On this occasion, ICAR-CIRCOT organized an awareness campaign about generation of wealth from waste by aerobic composting on 29th September 2023. The staff members and students of the Institute participated in this campaign.

Hindi Pakhwada and Hindi Chetana Mass



* The Hindi Chetana Maas (01-30 September, 2023) and Hindi Pakhwada (14-30 September, 2023) were observed at the Mumbai headquarters and also at Ginning Training Centre, Nagpur.

* Competitions like essay, noting, quiz, poster presentation, typing, translation of scientific terminologies and noting & drafting (for staff members from states under Region C) on different themes were organized in which all the scientific, administrative, supporting staff and students of the Institute actively participated.



Outreach Activities

- Dr. P. S. Deshmukh, participated in the Akashwani (AIR) Mumbai, Asmita Channel Agriculture Programme "Hello Shankha Samadhan" and gave answers to the farmers questions on "Sheteetil Yantrikikaran" (Farm Mechanisation) through phone-in mode. Broadcast was on August 30, 2023 at 7.30 PM in AIR Asmita Vahini programme.



Awards & Accolades

- The Bureau of Indian Standards renewed ICAR-CIRCOT's Licence for IS/ISO 9001:2015 for the period of three years.
- Dr. Sheshrao Kautkar, received the best paper in oral presentation award (third) to the paper "Silage from Green Cotton Biomass: An Alternative Source of Animal Feed" in 35th National Convention of Agricultural Engineers & National Seminar on Emerging Technologies for Advances in Agriculture & Horticulture" held during 12-13 September, 2023 at College of Agricultural Engineering, JNKVV, Jabalpur (MP).
- Dr. Sujata Saxena, Head, CBPD chaired the 19th meeting of the Dyestuffs and Auxiliaries' Sectional Committee of the BIS -TXD 07 held in online mode on September 20, 2023.

Skill Development Activities



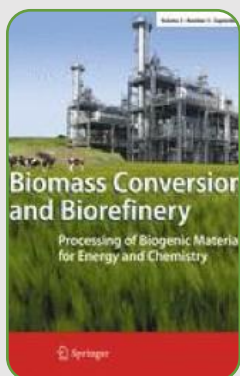
- **Students Internship:** A batch of ten students undergone training at the institute during September 01-30, 2023. Of the ten students six are B. Tech (Agril. Eng.) students from DMCAET, Karad, Dist. Satara and four are M.Sc. (PHM-PV&F) students from Dr. BSKKV, Dapoli, Maharashtra.
- Ginning Training Centre, Nagpur organized a farmers training for ATMA farmers, Wardha dist. on "Post Harvest Processing of Cotton and Value Addition to its By-produce" during September 25-27, 2023. Total 36 participants from different villages of Dist Wardha participated in this programme



Human Resource Development

- Dr. Manoj Kumar participated in the Associate Program (ICAC-RAP 2023) of International Cotton Advisory Committee, held at USA during 10-21 September, 2023.
- Hindi workshop on "Rajbhasha Neeti mein Hindi Karyanvayan was conducted on September 15, 2023 in hybrid mode for all ICAR-CIRCOT staff of Headquarters and Regional Units.

Publications



- * Govindaraj, O., Olaganathan, G.N., Raja ASM, Sivakumar Uthandi (2023). An eco-friendly EnZolv pretreatment optimization in banana fiber biomass using response surface methodology (RSM) and its structural characterization. Biomass Conv. Bioref. <https://doi.org/10.1007/s13399-023-04829-y>.
- Govindaraj, O., Uthandi, S., Gopal, N. O., & Raja ASM (2023). Optimization of hydrothermal-assisted alkali process for enhanced xylan recovery from banana fiber biomass. Journal of Applied and Natural Science, 15(3), 1308–1314. <https://doi.org/10.31018/jans.v15i3.4906>.
- Jyoti Dhakane-Lad, Abhijit Kar & Avinash Singh Patel (2023). SC-CO₂ extraction of lycopene from red papaya using rice bran oil as a co-solvent lessens its degradation during storage. Separation Science and Technology, DOI: 10.1080/01496395.2023.2255738.

Glimpses of Activities



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