



International Conference

on

"Sustainable Cotton Production and Processing: Towards a Circular Economy"

December 03-05, 2024

Theme:

Strategies for achieving circularity in cotton value chain

Organized by :



Indian Society for Cotton Improvement (ISCI)
Mumbai, India

In Collaboration with :



ICAR - Central Institute for Research on Cotton Technology (CIRCOT), Mumbai, India



ICAR - Central Institute for Cotton Research (CICR)
Nagpur, India

Venue:

ICAR - CIRCOT
Matunga, Mumbai



IN COMMEMORATION OF

Centenary of ICAR-CIRCOT | **Golden Jubilee of ISCI**
Mumbai (1924-2024) | Mumbai (1974-2024)





About the Conference...

Sustainability has become a fundamental aspect of planning and development activities, which in agriculture sector can be achieved through circular economy. The concept of circularity promotes a regenerative system where the product life cycle is extended through use, reuse, and recycling by minimizing the waste and pollution. Cotton, a vital commercial crop impacts livelihoods of millions of farmers and other stakeholders throughout its value chain. It exemplifies an industrial crop where all parts of the plant, including fibre, seed, stalks, and their by-produce are commercially utilized. Despite its circular nature, cotton undergoes water, chemical and energy-intensive processing treatments, which have substantial environmental impact. Moreover, globally about 92 million tonnes of textile waste are dumped into landfills each year, with India contributing around 8.5% of this. What happens to the waste generated after ginning, seed processing, spinning and weaving from fibres, similarly there is limited knowledge about uses of wastes after converting stalks into briquettes, pellets from cotton stalks, etc.

Technological innovations are aimed at reducing resource consumption and adding value to waste. However, there remains significant potential to improve the existing unorganized sectors. This improvement can be done through education and awareness among the stakeholders to address the circularity of cotton products and by products.

FOCAL THEME: STRATEGIES FOR ACHIEVING CIRCULARITY IN COTTON VALUE CHAIN

With the concept of circular economy as a sustainable alternative to the traditional linear economic model of take, make and dispose, it is right time for researchers in the domain of cotton to deliberate on ways forward to take the cotton sector to the path of circular economy and create a sustainable system that is more resource efficient and has greater value proposition.

This conference aims to provide a wider platform for researchers and other stakeholders to develop understanding of the circular economy of cotton highlighting the current practices, technological advancements, policy frameworks, challenges and prospects addressing its various dimensions covering cotton cultivation, lint, seed, linters, and stalks in the value chain.





Technical Program



There will be four technical sessions based on the themes. The number of technical sessions will be decided on the basis of response (number of abstracts received) from participants. In all sessions, there will be plenary lectures by eminent scientists / industrialists

Major Thematic areas

The following thematic areas for the conference have been identified but still has scope to include aspects relevant to the theme



(1) Resource Conservation Technologies in Cotton Production and Protection



(2) Specialty/Identity Cotton Processing and Utilization Technologies



(3) Technologies for Circularity in Cotton Textile Production for Sustainability



(4) Value Addition to Cottonseed, its By-produce and Biomass

Call for Abstracts/Papers

Participants representing research and developmental organizations from public and private sector and industries, and cotton growing nations are requested to submit abstracts on topics conforming to the themes of technical sessions outlined above.

Instructions for Authors



Authors can submit their abstracts through email to circotconference2024@gmail.com. The last date for abstract submission is **31st October, 2024**. All the accepted abstracts will be published in the Book of Abstracts and all the registered participants will receive an electronic/print version of the publication



Abstract Preparation Guidelines

File Format	.doc or .docx
Margin	1 inch/2.54 cm from all sides
Theme Area & Abstract Title	Mention the Thematic area on the upper left corner of the page. The title of abstract should be concise, specific and informative. Avoid abbreviations and formulae wherever possible. Typography: Times New Roman Font, 14pt size, Bold, 1.5 spaced, Justify alignment.
Authors	Times New Roman Font, 12pt size, Bold, 1.5 spaced, Justify alignment.
Affiliation	Times New Roman Font, 11 pt size, Italics, Sentence case, 1.5 spaced, Justify alignment.
Main Content	Time New Roman Font, 12 pt size, Regular, 1.5 spaced, Justify alignment.
Keywords	Please mention 5-7 relevant keywords separated by comma(,). Typography: Time New Roman Font, 12 pt size, Regular, 1.5 spaced, Justify alignment.

Additionally, researchers can also avail the opportunity of submitting full length papers of the abstracts for publication.

Important Deadlines

Last Date for Submission of Abstracts: October 31, 2024

Last Date for Submission of Selected Full Length Papers: November 10, 2024

Last date for Registration: November 15, 2024

Registration

Category of Participants	Amount
Foreign Delegate	US \$200
ISCI Life Member	INR 3540*
Other Indian Delegates	INR 4720
Students	INR 1770 [#]

* Life members registered with ISCI till September 30, 2024 only will be eligible.

[#] Students who are not on regular position.

Payment details

The Registration fee includes registration kit, souvenir, access to all technical sessions, lunches and sponsored dinners. The Registration fee for the delegates is to be paid in the following bank account of ISCI, preferably by electronic transfer.

Beneficiary Name	Indian Society for Cotton Improvement
Account No.	36959751825
Name of Bank & Branch	State Bank of India, Commercial Branch, Dadar, India
IFSC Code: SBIN0004114	SWIFT Code: SBININBB355

Payment can also be made directly using the dedicated website created for the event



About the Organiser



Indian Society for Cotton Improvement (ISCI)

(Registration No. Bom/1956/75 GBBSD of 20-08-1975)

Indian Society for Cotton Improvement is a registered society founded in 1974 for amalgamating the cotton scientists, farmers, traders and technocrats with a broad objective of promoting cotton production and its utilization.

The main objective of the society is to organize seminars/ conferences on various topics related to cotton research & development and over the years has organized more than 27 international and national seminars, prominent amongst them are the International Cotton Genome Conference (2004), International Conference on Natural Fibres (2009), World Cotton Research Conference-5 (2011) Asian Cotton Research & Development Network -7 (2017) and 9th ACRDN & International Conference (2023). The society also publishes a biannual research journal, “Cotton Research Journal” and publishes books on important topics related to cotton. Besides, the society also bestows awards to cotton scientists in recognition of their achievements and contribution to cotton research.

With a glorious history of 50 years and membership base of 545 life members, the society welcomes you to join its Golden jubilee and the Centenary celebration of ICAR-CIRCOT, Mumbai.

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ISCI Nagpur Chapter

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Collaborators



ICAR-Central Institute for Research on Cotton Technology (CIRCOT)

The ICAR-Central Institute for Research on Cotton Technology (CIRCOT), established in 1924, is one of the premier constituent institutes of the Indian Council of Agricultural Research, mandated to carry out basic and strategic research in post-harvest technology of cotton and value addition to its by-produce. The Institute is only one of its kind in the world conducting R&D on the utilization of every part of the cotton plant and functions as referral laboratory for cotton fibres. The institute is working towards capacity building of the farmers & other stakeholders in the sector besides offering Agri business incubation service and other commercial testing and consultancy services



ICAR-Central Institute for Cotton Research (CICR)

ICAR established the ICAR-Central Institute for Cotton Research (CICR) at Nagpur in April, 1976 as a Centre of excellence for carrying out research on fundamental problems limiting cotton production and also to provide basic support to location specific applied research. ICAR-CICR continues to focus on innovations in crop improvement, crop production and crop protection aspects besides dissemination of technology to enhance cotton productivity, develop technologies for resource conservation, increase resource use efficiency and eco-friendly crop protection. ICAR-CICR, Nagpur maintains one of the largest cotton gene bank, a germplasm collection in the world with 12,336 accessions



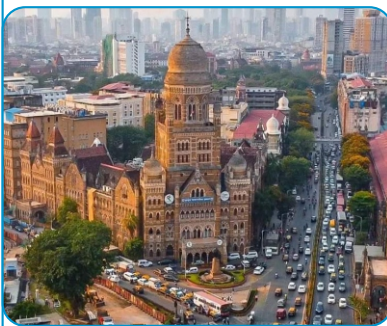
About Navi Mumbai

Navi Mumbai, a planned satellite city of Mumbai, offers a mix of modern attractions and natural beauty. Key tourist spots include the serene Pandavkada Falls, the lush Kharghar Hills, and the scenic wonders of Palm Beach Road. The city also boasts the Central Park in Kharghar, a sprawling green space perfect for relaxation. For those interested in spirituality, the ISKCON Temple in Kharghar provides a peaceful retreat. Additionally, Navi Mumbai’s mini seashore in Vashi and the Sagar Vihar waterfront offer stunning views of the Thane Creek.

Local Tourist Attractions

Mumbai

The Hanging gardens at Malabar Hill offer a splendid view of the city. In this cosmopolitan city, one views a wide spectrum of architecture including the magnificent Victoria Terminus, a remarkable example of Victorian Gothic architecture in India. Exciting places to visit include the Prince of Wales Museum, the Gateway of India, that was erected in 1924 on the waterfront to commemorate the visit of King George V to Mumbai and the Elephanta Island, located 10 km from the Gateway of India, which has four rock-cut temples in caves dating back to 5th century. Sanjay Gandhi National Park or Borivali National Park: the only national park in Mumbai, set in hill ranges in the outskirts at Borivali, is host to various wildlife species like the panther, antelope, mouse deer and wild boar. In the Lion Safari Park, visitors can view lions as close as two meters. The park is also a paradise for the lovers of avifauna.





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