



The Textile Institute  
NISTI (Regd.)

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## NISTI-IIT DELHI CONFERENCE ON SUSTAINABILITY IN TEXTILES & CLOTHING - EMERGING TRENDS IN FIBRES, FABRICS, PROCESSES AND FASHION

# 14th December, 2024

## LH Complex, IIT Delhi



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# Organizers of Conference

The conference is being organized jointly by NISTI and Department of Textiles and Fiber Engineering, IIT Delhi

## North India Section of Textile Institute (NISTI)

**NISTI** is the North India Section of the Textile Institute.

**The Textile Institute Manchester** is the professional body for the people and organizations working in the field of textiles, clothing and footwear associated industries worldwide. For more than 110 years, the institute has been bringing together professionals from all over the world to advance the general interests of the textile industry. The Textile Institute conducts and accredits a wide range of courses globally more particularly for working professionals

**NISTI** was founded in 1989 by Prof. (Dr.) N. M. Swami the then Director of IIT Delhi, Prof. (Dr.) Vijay Kumar Kothari, IIT Delhi, Prof. (Dr.) J K Nigam, Director, Sri Ram Institute of Industrial Research Delhi, Other Renowned Professors of IIT Delhi, Academia and Industry stalwarts. It is a Think Tank of outstanding professionals from textiles & clothing, technical textiles, management, training and research etc. Prof. (Dr.) V.K. Kothari, Dr. S.K. Choudhary, Shri Vijay Bhalla associated with NISTI's initial set up, are still associated with NISTI to offer their voluntary services. HOD, Department of Textiles and Fibre Engineering and various other renowned Professors IIT Delhi (working and retired) extend their expertise support to NISTI in the interest of Indian Textile Industry.

In 2007, NISTI transformed itself into an Association of persons and registered under "Registration of Societies Act, 1860" to rechristen as NISTI (Regd) to play a proactive role to positively influence the Textile Eco-System.

In a further revamping process, NISTI has joined hands with various institutions and set up Industry-Academia interface to groom the students in the new technologies and innovations. The institutes that have partnered with NISTI are Pearl Academy, Technological Institute of Textile and Sciences (TITS) Bhiwani, Panipat Institute of Engineering and Technology (PIET), Lovely Professional University, NSUT Dwarka and JS Institute of Designs New Delhi. Professors and senior officers from IIT, NIFT, ATDC, CITI, NITRA, Sharda University and those from partner institutes are in the Executive Committee of NISTI. NISTI has its reach to wider spectrum through its website, U-Tube and linked-in account to over 5000 textile fraternity.

NISTI has resources and knowledge pool of 15 Executive Committee Members and around 300 professionals under its various groups including "Technical Textiles focus group". This knowledge pool of NISTI extends on voluntary basis its services for the growth and development of textiles, clothing and allied industries through dissemination of knowledge in latest technologies and innovations through seminars/conferences/webinars/workshops/ technical talks etc.

With miniscule financial resources collected from its own professionals, NISTI has conducted-16 webinars, 3 offline and one online workshops and one seminar from May, 2022 to July, 2024 on emerging issues, fashion, design, social media etc. For the students and textile fraternity and all these events were free of cost.

For more details on NISTI, its website [www.nistiregd.in](http://www.nistiregd.in) may kindly be visited

## Textiles and Fiber Engineering Department, IIT Delhi

Founded in 1961, the department marked the establishment of IIT Delhi with a mission of conducting world- class research and providing quality education. It is the only department in the whole of IIT system and is one of the few worldwide with dedicated focus on teaching and research in textile and fiber engineering. The only department that imparts education and conducts research in all major areas of textiles viz. polymers & fibers, yarn, fabric, nonwovens and chemical processing. Having contributed in creating new knowledge and developing new technologies, the department has positioned itself as one of the top institutions globally. Department's faculty is having qualifications and research experience from the top international institutions and strive to impart training and conduct the research in the emerging areas of textile materials and engineering at par anywhere in the world.



## Background of conference

India's textile sector, a cornerstone of the economy, meets significant domestic fabric demands and plays a pivotal role in job creation and export revenue. Amidst its economic contributions, the sector faces growing environmental concerns, emphasizing the urgency for sustainable practices. In the face of climate change and resource depletion, embracing circular economy principles—focusing on resource conservation, waste reduction, and exploring end-of-life alternatives—becomes imperative.

The Circle Back campaign, launched by the Ministry of Textiles, Government of India aims to reshape consumer behavior towards a more circular and responsible textile industry. This campaign especially seeks to leverage the influential power of youth, empowering them as future leaders to steer the sector towards sustainability.

To further this goal, a one-day conference is being organized by North India Section of the Textile Institute Manchester (**NISTI**) in collaboration with **IIT on 14th December, 2024 at IIT Delhi**. This Conference aims creating a dynamic forum for discussing this pressing issue at various levels—within the industry, through the lens of entrepreneurship, and across the entire supply chain. This event will gather students, policy makers, industry experts, and academicians to not only discuss jobs, market trends, and opportunities but also to foster a space for innovation and collaborative problem-solving.

## Objective

The Conference primarily aims at raising awareness, inspire action, and forge collaborative pathways towards a more sustainable textile and clothing industry. By engaging IIT and its students, we aspire to cultivate a community of informed advocates and innovators, equipped to contribute to the industry's transformation in line with global sustainability goals.

## Sessions Overview

**Inaugural Session:** Senior government functionaries and industry leaders shall delve upon the initiatives undertaken by the government and industry to ensure circularity and sustainability in production and consumption of textile and apparel products

**Technical Session-1:** Veterans from industry and academia and research shall discuss and present before the audience, the innovations, research and initiatives on fibres and fabrics to enhance sustainability in textile manufacturing.

**Poster Competition:** The session on poster presentation shall open up young minds on the new ideas to attain sustainability in production and consumption of textiles and clothing.

**Technical Session-2:** Leading textile professionals shall dive into the ways and means to ensure sustainability while dyeing, processing and finishing of textiles. Sustainability in fast fashion through responsive production and use of clothing, post-consumer waste handling shall be dealt with by the clothing and fashion professionals from the manufacturing, design, leading buying houses and consumer activists will be discussed during this session.

**Panel Discussion:** Learned professionals shall sit together on one platform and delve into the theme area of the seminar and arrive at the concluding essence of initiatives to be undertaken in the area of sustainability in the manufacturing of Textiles and clothing.

**Valedictory Session:** Dignitaries from government and industry shall draw the conclusion of whole day proceedings and shall discuss on the roadmap for the industry for implementation of recommendations of experts. Awards to the winners of poster competition shall be presented during this session





**Date-14th December, 2024**  
**Venue: Lecture Hall Complex, IIT, Delhi**

Time	Schedule
9:00-10:00 AM	Registration
10:00-11:00 AM	Inaugural Session
11:00-11.30 AM	High Tea
11:30-1:00 PM	Technical Session-1
01:00-2:00 PM	Lunch
02:00-02:30 PM	Poster Competition
02:30-4:00 PM	Technical Session-2
4:00-4:15 PM	Tea
4:15 to 5:00 PM	Panel Discussion
5:00 to 5:45 PM	Valedictory Session



## Appeal

NISTI does not get any financial help from Industry or government. This is the reason it normally spreads knowledge to textile fraternity and students through webinars with free service from textile professionals. It's day to day expenses are met from the miniscule funds collected from the professionals associated with NISTI. Therefore, NISTI requests all of you to help in garnering funds by way of sponsorships, donations and paid delegates. Your support will help NISTI to organize the conference successfully and in end would help the textile fraternity and the industry grow.

## Call of Papers

Papers on emerging trends in fibers, fabrics, processes, fashion and post -consumer waste management with special reference to sustainability in textiles and clothing in word format with double space, may be mailed to [abhitextile@gmail.com](mailto:abhitextile@gmail.com) with a copy to [jtsecy@nistiregd.in](mailto:jtsecy@nistiregd.in) by 15th September, 2024. Title and excerpts with a brief profile of author may be sent by 30th August, 2024 at the same address. Subject of the mail- "Paper/Excerpts for 14th December, NISTI-IITD Conference". Poster competition is open to Students, Research Institutes, Fashion and Design Institutes. Theme of the poster should match the conference title. No expenses towards poster competition will be reimbursed by NISTI/ IITD. Poster title with brief concept note may be sent by 20th September, 2024, to given mails with subject of mail- "Poster Competition for "14th December NISTI-IITD conference".



<b>Delegates</b>	<b>Sponsorship</b>	<b>Award for Poster Competitions</b>
<i>Industry delegates - INR 3000/-per delegate</i>	<i>Platinum Sponsor- INR 5.00 Lakh</i>	<i>1st prize-INR 5000/-</i>
<i>Academic Institutions delegates - INR.1500/-per delegate</i>	<i>Gold Sponsor- INR 3.00 Lakh</i>	<i>2nd prize-INR 3000/-</i>
<i>Students -INR 500/- per delegates</i>	<i>Silver Sponsor- INR 2.00 Lakh</i>	<i>3rd prize- INR 2000/-</i>
<i>Others- INR 2000/- per delegate</i>	<i>Bronze Sponsor- INR 1.00 Lakh</i>	<i>Alongwith certificate / Trophy</i>
<i>Invited participants - Complimentary</i>	<i>Associate Sponsor- INR 50000/-</i>	
	<i>Lunch-INR 2.00 Lakh</i>	
	<i>High Tea- INR 50000/-</i>	
	<i>Tea-INR 30000/-</i>	





All sponsors shall be duly acknowledged in conference backdrop/standee/other publicity material/ NISTI handouts.

Sponsorship may be paid through check in favor of NISTI (Regd)

Online transfer may be made to the following account: -

Account Name: NISTI (Regd.)

Current Account Number: 03695015001266

Bank Name: Punjab National Bank

Branch Address: Safdarjung Enclave, New Delhi 110029

IFSC Code: PUNB0036910

MICR Code: 110024537

Payment of delegate fee through payment gateway may be made through following link:

<https://nistiregd.in/delegate-registration/>

For further information, please reach out to us at the following contact details: -

Shri A. N. Bajpai at [jtsecy@nistiregd.in](mailto:jtsecy@nistiregd.in)

Dr. Vijay Yadav at [secy@nistiregd.in](mailto:secy@nistiregd.in)

Dr. R. A. Lal at [chairman@nistiregd.in](mailto:chairman@nistiregd.in)

