



National Conference on  
**Textiles and Clothing Comfort  
(NTCC 2024)**

Department of  
**Textile Technology & Fashion Technology**

**01 & 02 March 2024**

## About **the Institution**

Kumaraguru College of Technology (KCT), Coimbatore, an autonomous engineering college founded in 1984 along with KCT Business School established in 2005 (KCT BS), Kumaraguru Institute of Agriculture in 2014 (KIA) and Kumaraguru College of Liberal Arts and Science in 2018 (KCLAS) together form the prestigious Kumaraguru Institutions. Established by visionary statesman Arutchelvar Dr. N. Mahalingam, KCT stands today as an institution of excellence in technical education with 39 years of illustrious offering noteworthy educational experience that expands intellectual horizons and builds empowered and conscientious students. Located amidst the IT corridor in a sprawling campus of 156 acres, KCT offers 14 Under Graduate programmes, 17 Post Graduate programmes and 12 PhD programmes in engineering, technology and management. Presently, more than 7000 students are imparted quality technical education and the campus accommodates close to 3500 students in 9 residential blocks offering a unique living-learning experience. Spacious, tech-enabled classrooms, well-equipped laboratories, student research forums such as Ré, iQube, Garage along with industry focused KC.IRI, KCT TIFAC CORE offers a distinct experiential education model to its students. FORGE, a techno business incubator of KCT, supports the conversion of innovative ideas of student into product development and commercialization besides providing technological consulting for start-up pursuits of alumni of KCT and entrepreneurs. Kumaraguru Research and Innovation Alliance - KRIA, is a platform for to engage with external partners leading to transformative outcomes in research and innovation. Recently Kumaraguru College of Technology has been accredited with the highest A++ Grade by NAAC positioning Kumaraguru Institutions for national prominence.

## About **the Departments**

### **Fashion Technology**

The Department of Fashion Technology is offering the 4-year undergraduate program B Tech Fashion Technology since 2002 and 2 year Post Graduate program on M Tech Apparel Technology since 2005. The Department has well-established laboratories with advanced equipment and machinery for apparel design, apparel manufacturing, Testing, and Chemical processing. Most of the faculty have PhD with relevant industrial experience that offers a better teaching and learning experience for the teacher and the students. The Department is accredited by National Board of Accreditation (NBA) under Tier 2 category until 2025. The Department is a recognized research centre under Anna University, Chennai. The Department has several industry-sponsored Labs, Centers of Excellence, and secured research grants from various Government agencies like TIFAC/MHRD/SPARC, DST SEED, DST IDP, UGC, TNSCST, Ministry of Textiles, etc. to carry out research in Textile and Apparel domains. The Department is well supported by Placement Cell of KCT to ensure that job-aspiring students are well placed in leading apparel industries.



# Textile Technology

To harness the potential of textile industry in Coimbatore and to augment the contribution to Textile industry, Kumaraguru College of Technology started the Textile Engineering Department in the year 1995. The department has 12 professionally well qualified and highly experienced faculty members including 9 Doctoral faculty members. The B. Tech Textile Technology has been continuously accredited by NBA (National Board of Accreditation) since 2004. This department is Anna University Recognised Research Centre for Textiles, under which more than 30 candidates completed their Doctoral degrees. It is well-equipped with modern day facilities in its laboratories to provide ample opportunity to the students to explore their penchant for learning and innovation in the very supportive environment of Coimbatore. Recently the Department is sanctioned with Rs.2.5 Crores for Technical Textiles under NTTM (National Technical Textiles Mission) Ministry of Textiles, GoI. Moreover, the department has been sanctioned funds from various agencies such as DBT, DST, AICTE, MoT etc.

## About the Conference

Clothing comfort is a fundamental aspect of our daily life, influencing our well-being, productivity, and self-confidence. The sensation of comfort in clothing is a delicate equilibrium, achieved through the harmonious combination of fabric properties, design, fit and personal preference.

NTCC promises a pivotal gathering for researchers, designers, and industry professionals exploring the intricate interplay between textile materials, garment design, and wearer satisfaction to unravel the secrets of creating clothing that not only enhances comfort but also addresses the evolving needs and expectations of consumers. Delving into the latest developments in fibre, fabric technology, and the psychology of comfort, attendees can expect to engage in insightful discussions, share ground-breaking research, and forge collaborations that will shape the future of comfortable. This conference will provide a unique platform to delve into the science and art of creating clothing that wraps the wearer in the utmost comfort and satisfaction.

## Topics of the Primary focus

- Fabric Skin Interaction
- Thermo-Physiological Comfort
- Clothing Fit and Comfort
- Intimate Apparels
- Protective Textiles
- Medical Textiles
- Sports/Leisure Wear
- Cold weather clothing
- New fibres/fabrics for clothing comfort
- Functional textiles
- Sustainable product development

## Paper Submission

Authors are requested to submit their original research findings in about six pages with an abstract that emphasizes the technical contributions and key results of the research focus which shall greatly facilitate the acceptance process of the full paper.

**Publications:** Submitted papers will be published in Scopus-indexed journal subject to peer review as per the journal norms. Publishing charge, if any, is extra to be borne by the authors.

**Paper format:** IEEE Format

**Abstract & Paper to be submitted:** ntcc2024@kct.ac.in

**Important dates:**

Submission of Abstract : on or before 26th December 2023

Decision on Abstract : on or before 10th January 2024

Submission of full paper : on or before 31st January 2024

Acceptance of full paper for presentation &

Registration : 10th -13th February 2024

Participant Registration : 10th -25th February 2024

**Venue:** Administrative building conference hall

**Conference Registration Fee:** (inclusive of GST)

<b>Students</b>	<b>₹ 750</b>
<b>Research scholar</b>	<b>₹1200</b>
<b>Academia</b>	<b>₹1500</b>
<b>R&amp;D Organization &amp; Industry</b>	<b>₹2500</b>

**Bank details:**

Name of the Beneficiary: The Correspondent,  
Kumaraguru College of Technology

Bank A/C No: 1245115000000014

Bank Name: Karur Vysya Bank

Bank Branch: KCT – Extn. Counter, Saravanampatti

IFSC Code: KVBL0001245

MICR Code: 641053005

\*Registration fee includes certificate, food & refreshments.

**Convenor (s)**

Prof Dr. D.Saravanan, Principal

Mr.A.Pavendhan, Associate Dean – Textile Cluster, KCT

Dr.R.Priyadarshini, HOD/Fashion Technology, KCT

Dr.V.Ramesh Babu, HOD/ Textile Technology, KCT

**Coordinator(s)**

Dr.G.Rajkumar, Associate Professor, Dept. of Fashion Technology, KCT

Dr.V.Krishnaveni, Associate Professor, Dept. of Fashion Technology, KCT

Dr.P.Sivakumar, Assistant Professor III, Dept. of Textile Technology, KCT

Dr. R. Saminathan, Associate Professor, Dept. of Textile Technology, KCT

**Contact Information:**

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**For Register Link**

**<https://bit.ly/NTCC2024>**

**Scan for Payments**

