

About KCT

Kumaraguru College of Technology (KCT), Coimbatore is a private Engineering College started in 1984 under the auspices of Ramanandha Adigalar Foundation, a charitable educational trust of Sakthi Group. Under the able guidance and patronage of Dr. B. K. Krishnaraj Vanavarayar, Chairman-KCT, Shri. M. Balasubramaniam, Correspondent-KCT, Shri Shankar Vanavarayar, Joint Correspondent-KCT & President – Kumaraguru Institutions and Dr M Ezhilarasi, Principal-KCT the institution has achieved excellence in academics and research.

KCT is an autonomous institution affiliated to Anna University, Chennai. KCT offers 14 Undergraduate (B.E. and B.Tech.) and 14 Postgraduate (M.E., M.Tech., MCA and MBA) programmes. 12 academic departments have been recognized as research centers permitting research leading to Ph.D. degree awarded by Anna University.

Department of Fashion Technology - KCT

Established in 2002, the Department of Fashion Technology takes pride in being the first in the country to offer the 4-year B.Tech. Fashion Technology programme which is accredited by NBA. The vision of the department is to achieve excellence in research and academics and face the challenges of the fashion and clothing industry by facilitating and equipping students with state-of-the-art information and technical skills for embarking a successful career in the domain. With an experienced team of faculty members and excellent laboratories and facilities, students are mentored effectively to achieve success in academics and research.

KCT Business School

Established in 2005, KCT Business School focuses on building the next generation of leaders in corporates, business as well as in academia. KCT Business School offers 4 programs in Management - Master of Business Administration, MBA (Innovation, Entrepreneurship & Venture Development), MBA (Project Management), MBA (Logistics & Supply Chain Management & Doctoral Program in Management Studies. The MBA program is recognized by NBA & NAAC and internationally- accredited by ACBSP, is another testimony to the quality of its education and the equality of its program to other international programs that are similarly accredited across the world.



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



National Conference & Trade Conclave

on

Natural Dyeing and Handloom Products-Impact on Environment, Human Wellness and Business Innovation

13th December 2024

Kumaraguru College of Technology, Coimbatore (T.N.)

in collaboration with



Organizing Secretaries

Dr. G. Ramakrishnan, Professor, Fashion Technology KCT & Head-NFRC
Dr. B. Poongodi, Assoc. Prof., KCT Business School
Dr. R. Priyadarshini, Asst. Prof. & Head, Fashion Technology, KCT
Ms. R. Sri Ganapriya, Research Associate

AICTE-Indian Knowledge System (IKS)

IKS Division of the Ministry of Education (MoE) was established in October 2020, with a vision to promote interdisciplinary and transdisciplinary research on all aspects of IKS, preserve and disseminate a deeper understanding and appreciation of IKS for further research, and societal applications. The IKS Division supports and funds the establishment of IKS centers, and interdisciplinary and transdisciplinary research in IKS. The Division conducts internship programs for undergraduate students in addition to conducting faculty development programs, workshops, text mining and documentation projects, and many outreach activities in partnership with other institutions.

The main objective of the IKS Division is to go beyond merely acknowledging the existence of Indian Knowledge Systems and to rejuvenate and mainstream it by integrating it into the fabric of our education research ecosystem for the contemporary world. It further seeks to bridge the gap between Traditional Indian Knowledge Systems and contemporary knowledge systems. By doing so, the IKS Division aims at cultivating a living tradition that fosters the creation of new knowledge and inspires the development of future innovators and scholars based on Bhāratīya paradigms of knowledge generation and transmission.

KCT Natural Fibre and Natural Dye Research Centre for Handlooms

The centre was established in KCT campus in 2017 with the valuable support of the Institution. The centre focuses on research on unconventional natural fibre use for the development of sustainable handloom textiles. The centre is equipped with a Jacquard Handloom, and warp and weft preparatory equipment. The centre also fosters research in extraction and application of natural dye on handloom yarns and fabrics, thereby adding more value to the end product. This centre is also well-supported by industry partners namely A-Cube (Equip) Engineers, Coimbatore, and SPI Equipments India Pvt Ltd., Coimbatore.

About the Conference

National Conference and Trade Conclave on “Natural Dyeing and Handloom Products-Impact on Environment, Human Wellness and Business Innovation” is organized jointly by the Department of Fashion Technology-KCT and KCT Business School, Coimbatore.

The **outcomes** of the conference are:

1. Dissemination of knowledge on use of Natural dyes and its impact on environment.
2. Spreading Awareness on value addition through natural dyeing on handloom products to the society
3. Business improvements for handloom weavers through natural dyeing of handloom products

For whom: Faculty, Students/Research scholars, Industries/Companies and Entrepreneurs interested in natural dyes and sustainable textiles.

Conference Topics

1. Natural Dyes: An Eco- Friendly Alternative in Textile Industry
2. Reviving Traditional Handloom Products through Natural Dye Applications
3. Biomordants: A Sustainable Approach to Enhancing Dye Affinity in Textiles
4. Natural Dye Plant Cultivation and Its Contribution to Sustainable Textiles
5. Economic Opportunities and Challenges in Commercialising Natural Dyed Handloom Products
6. Marketing Strategies for Sustainable Textiles: Branding, Digital Promotion, and Consumer Engagement
7. Transparent and Responsible Supply Chains in Sustainable Fashion: Challenges, Opportunities, and Innovations
8. Innovative designs in Natural dyed handloom products
9. Reducing Carbon Footprint and Enhancing Sustainability in Natural Dyeing Practices
10. Indigo: The History, Process, and Special Applications in Indigenous Natural Dyeing Traditions

Important Dates

Submission of Abstract	on or before 02nd Dec 2024
Decision on Abstract	03rd Dec 2024
Registration	on or before 06th Dec 2024
Conference Date	13th Dec 2024

Abstract submission via email: kctiks.ndhp@gmail.com

Registration Fee

Academia (Faculty, Students and Scholars) : Rs. 200/- (including GST)

Industry/Research Institute : Rs. 500/- (including GST)

Registration Link: <https://forms.gle/w1NnoFkzzhDdD5Wg8>

NOTE: Certificate will be provided to registered participants/presenters

Payment accepted via Bank Transfer/UPI

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

For more details, pls contact

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Dr. R. Priyadarshini, AP & Head/FT-KCT | **Mob:** 72990 18088

PROGRAMME SCHEDULE

KEYNOTE SPEAKER

Dr. Deepti Gupta, Professor, Department of Textile Technology, IIT Delhi

EXPERTS IN PANEL DISCUSSION

1. **Prof Dr Deepali Singhee**, Principal, JD Birla Institute, Kolkata
2. **Mr Prasad Dayalan**, Director, Muhurth & Dayal Silk Traditions, Aarani.
3. **Mr Sabanayagam**, Founder & CEO, Green Wear India & Kaikolar®, Erode
4. **Mr Thangakumar**, Ayurvastra Pvt.Ltd., Erode
5. **Mr Kirtish Jain**, Founder, Livbio, Coimbatore
6. **Mr Vishnu Prabhu**, Managing Director, Avuri, Tiruppur
7. **Ms Namrata M**, Founder, Biome Conscious Fashion /Colour Ashram, Mysuru

EXHIBITORS IN TRADE SHOW

1. Gandhigram Khadi, Dindigul
2. Ayurvastra, Erode
3. Green Wear India & Kaikolar®, Erode
4. Ananfit, Chennai
5. Livbio, Coimbatore
6. Colour Ashram, Mysuru
7. Co-optex, Coimbatore

DEMO CUM WORKSHOP ON “NATURAL DYEING”

Mr Thangakumar, Ayurvastra Pvt.Ltd., Erode