

CHIEF PATRON

Dr. T.S.K. Meenakshi Sundaram
Chancellor, AIHSHEW

PATRONS

Dr. V. Bharathi Harishankar
Vice Chancellor, AIHSHEW

Dr. H.Indu
Registrar i/c, AIHSHEW

ADVISOR

Dr.N.Vasugi
Dean – Student Affairs
Professor in Textiles and Clothing

CONVENORS

Dr.S.Amsamani
Dean - School of Home Science
Professor in Textiles and Clothing

Dr. G. Bagyalakshmi
Professor & Head
Department of Textiles and Clothing

ORGANIZING SECRETARIES

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ORGANIZING TEAM

Dr.R. Prabha, Associate Professor
Dr.K. Kalaiarasi, Professor
Dr.U. Ratna, Associate Professor
Dr.R. Sunitha, Associate Professor
Dr.K. Sangamithirai, Assistant Professor
Ms.S. Mounica, Assistant Professor

TARGET AUDIENCE

This national symposium is deliberately designed for the faculty members, researchers, and manufacturers belonging to the fields of Textiles & Clothing and related disciplines.

Explore • Engage • Experience

PARTICIPATION CERTIFICATE

Certificate will be provided for all the participants.

REGISTRATION FEE

Faculty members/ Researchers/ others

Rs. 600/-

FEE REMITTANCE DETAILS

Account Name : The Registrar
Bank Name : Indian Bank
Account No : 6010310202
IFSC Code : IDIB000A005
Branch : ADUC, Cbe-43
Mode of payment : Online

REGISTRATION LINK

<https://forms.gle/F14reS6pspKppHZ99>

**Visit to Centralized
Multidisciplinary Research
Facilities in the Institute.**



Avinashilingam Institute for Home Science and Higher Education for Women
Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD (now MoE)
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B,
Coimbatore - 641 043, Tamil Nadu, India

Department of Textiles and Clothing

Organizes National Symposium on

AI Integrated Nano-technological Applications in Textile Manufacturing

07.02.2026



09.30am @ Hi-Tech Seminar Hall



ABOUT THE INSTITUTE

Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore (AIHSHEW) is a Deemed to be University under category "A" by MHRD, now MoE Reaccredited with "A++" Grade by NAAC, Estd., u/s 3 of UGC Act 1956. The institute is an embodiment of the significant contribution of Padma Bhushan, Dr. T. S. Avinashilingam, to empower the nation through women's education. Padma Sri, Dr. Rajammal P. Devadas, the world-renowned nutritionist has transformed the institute as one of the 'most sought-after' institute for Home Science education. The Institute follows the principles of Sri Ramakrishna Paramahansa and Mahatma Gandhi, blending quality education with discipline, ethics, and social responsibility. AIHSHEW has expertise in various specialized areas across Home Science, Physical Sciences and Computational Sciences, Bio-Sciences, Arts and Social Sciences, Commerce and Management, Education, Allied and Health Care Sciences, Engineering, granting undergraduate, post-graduate, professional and research degrees.

ABOUT THE DEPARTMENT

The Department of Textiles and Clothing was established in the year 1967 with the purpose of providing world-class education in the field of Textiles and Fashion.

The department offers **B.Sc.** Textiles and Apparel Designing, **M.Sc.** Textiles and Fashion Apparel, **M.Sc.** Bio Textiles, **Ph.D** Textiles and Clothing, **B.Voc.** Textile Dyeing and Printing and **PG Diploma** in Apparel Designing. The department has industrial and academic collaborations and this has positioned the department as the highest stride of progressive changes and innovations. The department is well equipped with various laboratories namely Textile Testing, Textile Dyeing and Printing, Advance Textile Production, Garment Construction and Biotextiles for Interdisciplinary Research. The department is effectively functioning with a team of faculty members specialized in research areas like fashionable garment designing, natural fibers, natural dyes, non-woven, knitting, wet processing, functional finishing of textiles, technical textiles, composites, enzymology and bioremediation of textile effluent.

ABOUT THE SYMPOSIUM

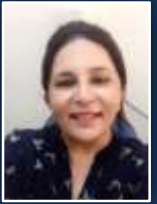
The symposium aimed to provide a platform for faculty members, and researchers to explore the latest advancements in nanotechnology and artificial intelligence applications in textiles. Enlightening lectures on the latest research trends, green approaches, and practical applications of nano-materials in textiles would foster and aids in knowledge exchange, collaboration, and motivation for future research.

RESOURCE PERSONS

Theme : AI Integration for Technical Textile applications

Prof. Monica Sikka

Head, Dept. of Textile Technology,
DR B R Ambedkar National Institute
of Technology Jalandhar,
Punjab.



Theme: Nano-materials in Textile applications

Prof. N. Ponpandian

Dept. of Nanoscience and Technology
Bharathiar University,
Coimbatore.



Theme: Advancements in Textile Manufacturing through Nanotechnology

Dr . B. Senthilkumar

Associate professor of Textile
Engineering, Dept. of Rural Industries
and Management,
Gandhigram Rural Institute- Deemed
University(MoE, GOI), Coimbatore.



Theme: Green Approaches in Nanofinishes and Evaluation of Nano-Enhanced Textiles

Prof. Gobi Nallathambi

Dept. of Textile Technology
Anna University,
Chennai.



Theme: AI-Enabled Nanotechnology in Sustainable Textile Production

Prof. D. Saravanan

Director, Dept. of Textile Technology
Kumaraguru College of Technology
Coimbatore.

