

## 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 – Students 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

**Dr.S.Yamuna Devi**  
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**Dr. B. Sangeetha Priya**  
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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/F14reS6pspKppH299>

**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

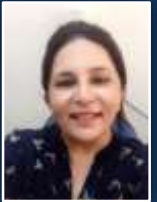
The symposium aimed to provide a platform for faculty members, and researchers to explore the latest advancements in nanotechnology and artificial intelligence applications in textiles. Enlightening lectures on the latest research trends, green approaches, and practical applications of nano-materials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

**Prof. Bhaarithi Dhurai**

Dept. of Textile Technology  
Kumaraguru College of Technology,  
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.

