



One-Month Faculty Development Training Program on "Preparation, Characterization and Applications of Coated Textiles"



29 April - 28 May, 2024



Organised by

**Textile Manufacture and Textile Chemistry Division
ICAR-Central Sheep and Wool Research Institute
Avikanagar, Rajasthan-304501**

Textile Manufacture and Textile Chemistry Division

The Textile Manufacture and Textile Chemistry Division was established since the inception of the Central Sheep and Wool Research Institute at Avikanagar, Rajasthan in 1962. The Division does basic and applied research on various aspects of sheep wool along with other animal fibres. The core area of research interests includes blending, spinning and weaving, quality evaluation, woollen composites, nano technology, eco-friendly chemical processing and product development. The Division provides all basic testing facilities for carpets, blankets and other woollen products at affordable rates to research scholars and industries. The Division is also involved in the training supported by various central agencies for enhancing the livelihood of rural women and extending its hands to consultation services to various industries and NGOs. The testing lab in the Division is well furnished with equipment facilities like glossmetre, yarn and fabric tensile strength testers, carpet testing facilities, fibre diameter analysis, abrasion, pilling, drape, etc. The chemistry lab is equipped with modern analytical instruments like FTIR, UV Vis spectrometre, computer colour matching, HTHP dyeing machine, etc.

About the Training Program

The TMTC Division is organizing a one-month training program on "Preparation, Characterization, and Applications of Coated Textiles" from April 29, 2024, to May 28, 2024. The training program aims to provide hands-on training on the preparation, characterization, and applications of coated textiles. The coating process involves various techniques and considerations to ensure the desired properties and performance in a wide range of industries and applications. These materials play a crucial role in enhancing the functionality, durability, and versatility of textile products. This process involves several steps, including selecting suitable coating materials, applying them to the textile surface, and evaluating the properties of the coated textiles. As for applications, coated textiles find uses in various industries, including automotive, aerospace, healthcare, outdoor gear manufacturing, and the fashion industry. The coatings can impart properties such as water resistance, flame retardancy, antimicrobial properties, and UV protection to the textiles, making them suitable for a wide range of end uses. The training will be helpful to the faculties who are working on coated textiles.

Registration Fee

The program fee is Rs. 20,000 +18% GST Boarding and lodging facility will be arranged by the organization on payment basis.

The payment may be made by DD in favour of ICAR unit CSWRI Avikanagar or by NEFT State bank of India, Malpura.
A/C No.-51066000084, IFSC-SBIN0031088

Organising committee

Patron

Dr. Arun Kumar Tomar, *Director,*
ICAR-CSWRI, Avikanagar

Dr. Seiko Jose, *Program coordinator*

Dr. Ajay Kumar, *Program co-coordinator*

Dr. Vinod Kadam, *Program co-coordinator*

Contact : Dr. Seiko Jose

email: seiko_jose2005@yahoo.co.in, Mob:8420075513

TMTC Division, ICAR - Central Sheep and Wool Research Institute,
Avikanagar, Rajasthan - 304501