



Faculty Development Program

Functional and Sustainable Textiles: Future Trends and Innovations (Online Mode)



Date: 7 April to 11 April, 2025

Patron



Prof. S. K. Singh
Hon'ble Vice Chancellor
(RTU, Kota)

Convener



Dr. Arvind Vashishtha
Principal
(MLVTEC, Bhilwara)

Scope

This FDP will cover advancements in functional and sustainable textiles, focusing on innovative materials, eco-friendly practices, smart textiles, and emerging applications. It aims to enhance participants' knowledge of integrating sustainability and functionality into textile education and research.

Free Registration!

Eminent Speakers:

Prof. B K Behera
Director
TIT & S, Bhiwani
(Former Prof. IIT, Delhi)

Dr. B.K. Sathpathy
Professor
IIT, Delhi

Dr. Ajay Kumar
Senior Scientist
CSWRI, Jaipur

Prof. Rajiv K Varshney
Director
ICT, Bhadohi

Prof. Amit Rawal
Professor
IIT Delhi

Dr. Vijay Baheti
Assistant Professor
IIT Delhi

Dr. Kameshwar Rao
Lead Scientist
H&V Advance Materials,
USA

Dr. Sujit Gulhane
Assistant Professor
NMIMS University

Mr. Vinod Purohit
Manager
RSWM, KGM

Prof. Anupam Kumar
Professor
GZS, Engineering College,
Bhatinda

Dr. Bibhu Prasad Dash
Professor
OUTR, Bhubaneswar

Dr. Nandan Kumar
Director
HPT Pvt Ltd. Panipat

Dr. Patanjali Kumar
Assistant Professor
OP Jindal University

Dr. Vijay Sharma
Assistant Professor
University of Boras,
Sweden

Dr. Lalit Jajpura
Associate Professor
NIT, Jalandhar

Dr. Mukesh Bajja
Assistant Professor
NIT, Jalandhar

Dr. C. R. Meena
Assistant Professor
NIFT, Jodhpur

Dr. Prakash Khude
Assistant Professor
SGGS, Nanded

In Association With



Organizing Committee:

Advisory Committee

Dr. Dharendra Sharma
Honorary Sec. TA(I)
(Former Principal, MLVTEC)

Mr. R. K. Jain
Honorary Sec. MCCI

Coordinators

Dr. Harshvardhan Saraswat
Assistant Professor

Dr. Deepti Sharma
Associate Professor

Co-coordinators

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Assistant Professor

Mr. Suraj Gupta
Assistant Professor

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Register Now!

Last Date for Registration: 5th April



MLV Textile & Engineering College, Bhilwara
(Department of Textile Technology)

Faculty Development Program cum Webinar

on

Functional and Sustainable Textiles: Future Trends and Innovations

(Under RHTEQIS)

(Online Mode)

This 5-day Faculty Development Program cum Webinar aims to provide a comprehensive understanding of sustainable and functional textiles for students, faculty members, and industry professionals. The program will delve into the futuristic potential and real-world applications of technical textiles, emphasizing eco-friendly materials, smart textiles, and innovative manufacturing technologies. Participants will explore emerging trends and practices that integrate sustainability and functionality, gaining insights that foster research aptitude, entrepreneurial thinking, and industry-relevant skills. The sessions are designed to bridge academic knowledge with industrial advancements, empowering participants to contribute meaningfully to the evolving textile ecosystem.

Note: Only participants who actively engage in the sessions will be eligible for certificates.

MONDAY 07/04/2025

S.No.	Title	Faculty Name	Time
1	Welcome address by Principal, MLVTEC	Dr. Arvind Vashishtha Principal MLVTEC, Bhilwara	10:00 AM
2	Address by Hon'ble V. C. RTU, Kota	Prof. S. K. Singh Hon'ble Vice Chancellor RTU, Kota, Rajasthan	10:05 AM
3	Address by Prof. B. K. Behera	Prof. B K Behera Director TITS, Bhiwani	10:15 AM
4	Address by Dr. S. N. Modani	Dr. S. N. Modani Vice Chairman Sangam Group of Industries	10:20 AM
5	Address by Vice Chairman MCCI	Dr. R. C. Lodha Vice Chairman MCCI	10:25 AM
6	Textile Structural Composites	Prof. B K Behera Professor, IIT Delhi	10:30 AM
7	Textile Reinforced Composites	Dr. Somya Choudhary Postdoctoral Research Fellow Hochshule Niederrhein University, Germany	2.30 PM



TUESDAY 08/04/2025

S. No.	Title	Faculty Name	Time
1	Emerging Trends in Textile	Prof. Rajiv K Varshney Director ICT, Bhadohi	11:30 AM
2	Advance Materials from Textile Waste	Dr. Vijay Baheti Assistant Professor IIT Delhi	12:30 PM
3	Sustainable Textile from Seaweed	Dr. Sujit Gulhane Assistant Professor MPSTME, NMIMS University	2.30 PM
4	Nonwoven Technology	Prof. Amit Rawal Professor IIT Delhi	3:30 PM

WEDNESDAY 09/04/2025

S. No.	Title	Faculty Name	Time
1	Superabsorbent Fibers for Advanced Applications	Dr. Kameshwar Rao Lead Scientist H&V Advance Materials, USA	11:30 AM
2	Sustainable & Eco Friendly Polymers	Prof. B. K. Sathpathy Professor IIT Delhi	12:30 PM
3	Importance of Quality Circle in Textiles	Mr. Vinod Purohit Manager RSWM, KGM	2:30 PM
4	3D Textiles for Composite Application	Dr. Bibhu Prasad Dash Professor OUTR, Bhubaneswar	3:30 PM

THURSDAY 10/04/2025

S. No.	Title	Faculty Name	Time
1	Organic Textiles and its Impact on Eco System	Prof. Anupam Kumar Professor GZS, Engg. College, Bhatinda	11:30 AM
2	Strategic Coordination in Sustainable Textile Supply Chains	Dr. Patanjali Kumar Assistant Professor OP Jindal Global University, Sonapat	12:30 PM
3	Sustainable Value Addition to Low Priced Indian Wool	Dr. Ajay Kumar Principal Scientist CSWRI, Jaipur	2:30 PM
4	Textiles for Protection Against Thermal, Electromagnetic and Mechanical Hazards	Dr. Nandan Kumar Director HPT Pvt Ltd. Panipat	3:30 PM



FRIDAY 11/04/2025

S. No.	Title	Faculty Name	Time
1	Sustainable Ultrasound Applications in Textiles	Dr. Lalit Jajpura Associate Professor NIT, Jalandhar	11:30 AM
2	Textiles for Ballistic Application	Dr. Mukesh Bajya Assistant Professor Dr B R Ambedkar NIT, Jalandhar	12.30 PM
3	Sustainable & Innovative Approaches in Fashion Industry	Dr. C. R. Meena Assistant Professor NIFT, Jodhpur	2:30 PM
4	Protective Clothing	Dr. Prakash Khude Assistant Professor, HoD SGGS, Nanded	3:30 PM
5	Vote of Thanks	Dr. Harshvardhan Saraswat Coordinator	4:30 PM