

ICTN-2026

Program Schedule

8th International Conference on Technical Textiles and Nonwovens



The logo consists of the text "Organized by" above a circular seal. The seal contains a central emblem with a grid pattern, surrounded by the text "DEPARTMENT OF TEXTILE & FIBRE ENGINEERING" and "UNIVERSITY OF THE WEST INDIES".

DAY-1 | Friday 6 February 2026 | Program Schedule

Workshop Registration (Central Atrium, Lecture Hall Complex) and Welcome Tea (LH-212/213 Foyer)

11:00-01:00 PM	Workshop	From Waste to Worth: Workshop on Recycling of High-Performance Textiles (Atal Centre of Textile Recycling & Sustainability, Panipat)
11:00-01:00 PM	Workshop	Weaving Sustainability: Hands-On Workshop on Measuring Carbon Footprint in Handloom & Textiles (LH-212)

01:00-02:00 PM **Lunch for Workshop Participants (LH-212/213 Foyer)**

02:00 PM onwards **Conference Registration (Central Atrium, Lecture Hall Complex)**

03:00-04:30 PM	Conference Inauguration & Welcome Remarks (LH-121)
04:30-04:45 PM	Exhibition Inauguration by Chief Guest (Central Atrium, Lecture Hall Complex)
04:45-05:15 PM	High Tea (LH-121 Foyer)

Plenary Session - 1 (LH-121)

Chair - Prof. V. K. Kothari - Superannuated Professor, IIT Delhi

05:15-05:35 PM	Plenary Talk 1	Mr. Ashok Malhotra – Mission Director, National Technical Textiles Mission (NTTM) <i>National Technical Textiles Mission – Accomplishments and Future Vision</i>
05:35-05:55 PM	Plenary Talk 2	Mr. Anand Yadav - Managing Director, MEKR Technologies Pvt Ltd <i>From Classroom to Company: Building Something Real While You're Still on Campus</i>
05:55-06:15 PM	Plenary Talk 3	Mr. Kanav Gupta – Associate Director, Business Co-ordination House Pvt Ltd <i>From Potential to Powerhouse: India's Rise as a Global Technical Textile Hub</i>

Industry-Faculty Networking Dinner Hosted by BCH (by invitation only)

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DAY-2 | Saturday 7 February 2026 | Program Schedule

09:00-09:30 AM

Welcome Tea (LH-121 Foyer)

Parallel Session 1

Time	Session 1A (LH-108)	Session 1B (LH-111)	Session 1C (LH-114)	Session 1D (LH-316)
	<i>PPEs and their Performance against Multihazard</i>	<i>From Field and Flock to Fabric</i>	<i>Structural Innovation in Textile Composites</i>	<i>Engineering Textiles for Medical Intervention</i>
	<i>Chair: Prof. B. S. Butola</i>	<i>Chair: Prof. Samrat Mukhopadhyay</i>	<i>Chair: Prof. R Alagirusamy</i>	<i>Chair: Prof. Sourabh Ghosh</i>
09:30-09:45 AM (Session Keynote)	Prof. Jitendra Pratap Singh Design & Characterization of Laminated Activated Carbon Fabric for Critical Military Applications	Dr. Afrose Fathima Farid Advancing Textile Sustainability: Natural Dyed Plant Based - Blended Yarns for Craft Industry Implementation	Dr. Shantanu Bhat Sustainable Textile-Reinforced Composites: An Interdisciplinary Platform Approach from Materials to Applications	Dr. Nilanjana Bairagi Designing Support Pillows for Individuals under Palliative Care
09:45-09:55 AM	Ms. Varsha Bandal AI Integration in the PPE Textile Lifecycle: From Design to Laundry for Performance and Sustainability	Dr. Shivangi Agarwal A Study on Properties of Union Fabrics Developed with Sisal Fibre for Textile Application	Dr. Sugun Sridharan Three Dimensional Weaving Machines Technical Challenges in their Development	Dr. Subhankar Maity Development of Germicidal Textiles based on Polyprrole and MXene Coated Cotton Fabrics
09:55-10:05 AM	Mr. Sujaan Satisch Kaushik Lightweight Bio Aerogels and it's Integration into Thermal Insulating Textiles for Cold Weather Conditions	Dr. Gargee Bhattacharjee Development of Fancy Yarn using Local Sheep Wool of Himachal Pradesh	Dr. Seiko Jose Analysis of Physico-mechanical and Aging Properties of Coarse Wool- Natural Rubber Composites	Mr. Hariharasudan Natarajan Development of Antibacterial Silk-based Implants with Electrospun Cefiderocol Nanofibers and PEO-coated Mg ₃ Ca

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10:05-10:15 AM	Mr. Sockalingam Al Assessment of Convective and Radiative Heat Transfer Coefficients of Extreme Cold Weather Clothing on a Newton Thermal Manikin	Dr. Nidhi Sisodia Developing Sustainable Textiles from Parali Fibres (Rice stubble): Valorization of Rice Stubble for Eco-Friendly Textile Applications	Dr. Santanu Basak Natural Fibre Reinforced Cactus Leaf Gel Infused Natural Rubber Latex Dressing based Biodegradable Engineered Flexible Composite	Ms. Shweta Shukla Engineering the Osteochondral Junction: A 3D Bioprinted Full Thickness Cartilage-Bone Model
10:15-10:25 AM	Dr. Shamayita Patra Development of Textile based Fruit Covering Bags	Dr. Kislaya Choudhary Exploring Sustainability through Interactive Digital Design Space for Digitally Printed Textiles	Mr. Anant Gupta Study of Mechanical Properties of High Performance Thermoplastic Composites	Ms. Amisha Singh Sustainable Nano Functionalised Textiles for Advanced Wound Care and Wellbeing

10:25-10:45 AM

High Tea (LH-121 Foyer)

Plenary Session - 2 (LH-111)

Session Chair: Prof. R. Chattopadhyay, Superannuated Professor, IIT Delhi

11:00 -11:20 AM	Plenary Talk: Academia	Prof. Thomas Gries - Professor, RWTH Aachen University, Germany From Fossil to Renewables: Strategies for a Future-Ready Indian Textile Sector
11:20-11:40 AM	Plenary Talk: Industry	Mr. Rahul Bansal - Vice President & Head - Nonwovens Business, Birla Cellulose Global Shifts and Future Direction of Nonwovens on Sustainability & Innovation
11:40-12:00 PM	Plenary Talk: Industry	Mr. Simon Finianos - Sales Director, Reifenhäuser Reicofil Latest Developments in Spunmelt Nonwovens – Opportunities and Challenges
12:00-12:20 PM	Plenary Talk: Industry	Mr. Utssav Gupta - Director, Supertech Fabrics Pvt Ltd Design of Hybrid Filter Media: Performance Surface Engineering for Industrial Filters

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12:20-12:40 PM	Plenary Talk: Industry	Mr. Debabrata Ghosh - VP & Sales Director, Oerlikon Barmag Navigating Geopolitics – Technology Innovation and Global Expectations
12:40-01:00 PM	Plenary Talk: Industry	Mr. Mahesh Kudav - Managing Director, Venus Safety & Health Pvt Ltd Air Filtration Media Advancements and Solutions for India
01:00-01:30 PM	Panel Discussion 1 <i>Topic - Beyond the Syllabus: Are Our Graduates Prepared?</i>	
	Prof. Kushal Sen (Superannuated Professor, IIT Delhi), Dr. Ashwan Kapur (Managing Director, Uniproducts India Ltd), Mr. Rajeev Ranka (Managing Director, Alpha Foam Ltd), Prof. Mangala Joshi (Professor, IIT Delhi), Prof. Boris Mahltig (Professor, Hochschule Niederrhein), Dr. Nandan Kumar (Managing Director, High Performance Textiles Pvt Ltd)	

01:30–02:30 PM	Lunch (LH-121 Foyer)	
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Parallel Session 2				
Time	Session 2A (LH-108)	Session 2B (LH-111)	Session 2C (LH-114)	Session 2D (LH-316)
	<i>Yarn-to-Garment Against the Blade</i>	<i>Waste-Derived Textile Innovations</i>	<i>Artificial Intelligence in Textile Systems</i>	<i>Smart and Functional Textile Systems</i>
	<i>Chair: Prof. Abhijit Majumdar</i>	<i>Chair: Prof. Deepti Gupta</i>	<i>Chair: Prof. Amit Rawal</i>	<i>Prof. Bhanu Nandan</i>
02:30-02:45 PM (Session Keynote)	Dr. Nandan Kumar Next-Generation Cut-Resistant Yarns: Para-Aramid/UHMWPE Composites without Metallic Reinforcement	Dr. Sanjay Kumar Bhikari Charan Panda Life Cycle Extension of Aramid Fibres: A Sustainable Approach	Dr. Ankur Saxena Real Time Data Monitoring of a Garment Production Floor using Needle Time	Prof. Prasanth R Krishna Smart Textiles for Flexible Battery and Supercapacitor Applications

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02:45-02:55 PM	Dr. Krishna Prasad Guruswamy Sustainable High-Performance Gloves from Cotton/Recycled Para-aramid/HDPE Blends	Dr. Samita Gupta Waste Utilization in the Textile Sector: Recycling Garment Industry Waste into Handbags	Dr. Chet Ram Meena Artificial Intelligence (AI) and Digital Sustainability: Transforming the Future of Textile Manufacturing	Prof. Harishchandra Singh Breaking the Energy-Power Trade-off: Engineering Lanthanide-Transition Metal Interfaces for Next-Generation Supercapacitors
02:55-03:05 PM	Mr. Shubham Singh Studies on Cut-Protective Performance of Composites Yarn based Knitted UHMWPE Textiles in Real-World Industrial Applications	Mr. Rahul Kandpal High-Throughput Screening of Textile Wastewater-Derived Electroactive Biofilms on Diverse Thin Film Electrodes in a Microfluidic Reactor Array	Mr. Ramchandra Pandurang Sawant AI in Textiles	Mr. Chirantan Shee Exploring the Influences of Pretreatment Process and Structural Parameters of Nonwovens on their Triboelectric Energy Harvesting Performance
03:05-03:15 PM	Mr. Md. Zayedul Hasan Thermal Comfort Behaviour of Cut Protective Workwear Fabric Made from Filament Twisted Core Sheath Yarn	Mr. Rahul Ranjan Ghosh Sustainable Knitwear Solutions from Recycling Tasar Silk Waste for Eco-Friendly Textile Innovation	Mr. Rikhil Nagpal Weaving Sustainability: Generative AI Framework for Craft Preservation in Indian Textiles	Mr. Chandru M Development of Highly Conductive Metallic Thread for Wearable Strain Monitoring
03:15-03:25 PM	Mr. Md Azharul Islam Tensile Performance of Cut Protective Woven Fabrics Made with Metallic/Glass Core Hybrid Yarns	Mr. Blesson Tom Mathew Waste-derived Cellulosic Fibres for High Strength and Thermal Energy Storage Applications	Ms. Ishitha Thakalapatty Raghuuram Development of CNN-Based Defect Detection System for Garment Quality Inspection	Mrs. Anuradha Ajmera Study on Properties of Luminescent Material in Yarns and Fabrics
03:25-03:35 PM	Ms. Palak Kakar Technical Textiles for Personal Protection: Current Scenario	Mr. Gulshitar Aalam Valorization of Biomass-derived Molecule for Engineering Multifunctional and Comfortable Cotton Fabric	Mr. Chandrashish Roy MRI-based Artificial Intelligence Grading of Knee Osteoarthritis to Enable Severity-Specific Orthopaedic Interventions	Dr. Rupali Dhiman Relating Haptic Properties and Perceived Similarity in Fabrics and Natural Materials

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03:35-05:00 PM | High Tea by Reifenhäuser Reicofil (LH-121 Foyer)

03:55-05:25 PM

Poster Session (LH-108-111-114 Corridor)

03:50-06:00 PM

Industry/Startup Innovation Showcase (LH-111)

06:30-08:00 PM

Cultural Program (LH-121)

08:00 PM Onwards

Conference Dinner (LH-121 Foyer)

Industry/Startup Innovation Showcase (LH-111)

03:50-04:00 PM **NTTM Entrepreneurship & Industry Support Schemes**

04:00-04:10 PM **Mr. Alok Pandey**, CEO, Atal Incubation Centre

Textile Tech Innovator: Powering IIT Delhi's Startup Ecosystem for Textile Entrepreneurs

04:10-04:20 PM **Greenstitch Technologies Pvt Ltd**

04:20-04:30 PM **Ecosynx Innovation Pvt Ltd**

04:30-04:40 PM **Super Machine Works Pvt Ltd**

04:40-04:50 PM **Paracoat Products Ltd**

04:50-05:00 PM **Inexus Biotech Pvt Ltd**

05:00-05:10 PM **Texoedge Pvt Ltd**

05:10-05:20 PM **Flawsome Pvt Ltd**

05:20-05:30 PM **E-Spin Nanotech Pvt Ltd**

05:30-05:40 PM **N P Kinariwala Pvt Ltd**

05:40-05:50 PM **Poretech Instruments India**

05:50-06:00 PM **Raksha Kavach Tech Pvt Ltd**

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DAY-3 | Sunday 8 February 2026 | Program Schedule

09:00-09:30 AM

Welcome Tea (LH-121 Foyer)

Parallel Session 3

Time	Session 3A (LH-108)	Session 3B (LH-111)	Session 3C (LH-114)	Session 3D (LH-316)
	Fibrous Barriers to Heat and Flame	Upcycling Across Fashion, Materials and Applications	Chemical Pathways to Multifunctional Textiles	Textiles for Soil, Crop and Construction
09:30-09:45 AM (Session Keynote)	Chair: Prof. Harun Venkatesan Dr. Manorama Tripathi Protective Gloves for Para-Military Forces: Integrating Cut, Fire, and Impact Resistance	Chair: Prof. Manjeet Jassal Dr. Deepali Singhee Gond-Inspired Upcycled Denim: A Sustainable Approach to Toddler Fashion	Chair: Prof. Prasanth R Krishna Dr. Marwa Abdellah Eco-Friendly Fabrication of Multifunctional Conductive Textiles for Smart and Sustainable Applications	Chair: Prof. Sumit Sinha Ray Prof. Tushar Chandrakant Patil Processing and Characterization of Flex Banner Waste into Reinforced Roofing Materials
09:45-09:55 AM	Dr. Sundaramoorthy Palanisamy Development of FR Nonwoven using Indigenously Developed FR PA66 Fibres	Dr. Abhijit Mukherjee Development of Fashion Garments by Upcycling the Textile Waste	Dr. Rupali Kakaria Functional Finishing of Cotton Fabric with Microencapsulated Grapefruit Essential Oil for Dual Protection against Mosquitoes and UV Radiations	Dr. Priya Jaswal Climate-Resilient Natural Fiber Geotextiles: Enhancing Road Performance under Wetting, Drying and Soaking Conditions

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09:55-10:05 AM	Dr. Shafiq Ahmad Wagay Study on the Enhancement of the Total Heat Loss and Thermal Comfort in Extreme Heat Protective Garments	Dr. Vinod Vishnu Kadam Harnessing Coarse Wool for Eco-Conscious Plant Growth: A Textile Solution for Sustainable and Organic Farming	Mr. Safwan Mafaaz K.M. Multifunctional, Fluorine Free Chitosan-MTMS on Cotton Fabrics for Improved UV Blocking, Antibacterial-Antiseptic and Hydrophobicity Performance	Dr. Dinesh Bhatia Investigation of Interface Shear Behaviour with Sand and Clay for Treated Coir Geotextiles with Benzyl Chloride and Dimethylformamide
10:05-10:15 AM	Mr. Sudhanshu Maurya Development of a Bench-Scale Instrument for Radiant and Flame Protection Performance in Various Orientations	Ms. Sangavi T Mechanical Recycling of p-Aramid Fabric Waste	Mr. Yadav Avadhesh Anantram Role of Magnetic NiFe ₂ O ₄ and Conductive rGO in Tailoring the Dielectric and EMI Shielding Properties of TPU Nanocomposite Films	Mr. Rajan Rikhi Microstructural Analysis and Engineering of Polyethylene Terephthalate and Olefins for Significant Impact on Geotextile Products
10:15-10:25 AM	Mr. Md. Jawad Ibn Amin Fabrication and Evaluation of Thermal Protective Performance and Mechanical Characterization of the Outer Layer of Firefighters' Suits	Ms. Ayasha Beg Development and Comparative Characterisation of Bioplastics Films from Water Hyacinth and Sugarcane Bagasse Cellulose Reinforced with Natural Polymers	Mrs. Sagarika Aditya Coating Of Cotton with Ternary Blend of Sodium Alginate, Sugar and Bio-Latex for a Sustainable Waterproof Textile with Moisture Vapour Permeability	Mrs. Trupti Ashish Dhoka Reprocessing of Textile Fiber Waste into Sustainable Agrotech
10:25-10:45 AM	High Tea (LH-121 Foyer)			

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Plenary Session - 3 (LH-111)

Session Chair: Prof. S. M. Ishtiaque, Superannuated Professor, IIT Delhi

11:00-11:20 AM	Plenary Talk: Academia	Prof. Gang Sun - Professor, University of California, Davis, United States Development of Polylactic Acid Fibrous Materials with Improved Mechanical and Biodegradability and Enhanced Daylight Photoactivity
11:20-11:40 AM	Plenary Talk: Government	Dr. Vikas Baburao Thakare - Scientist G & Associate Director, DRDE, DRDO Next Generation CBRN Protective Textiles for Defence Application
11:40-12:00 PM	Plenary Talk: Industry	Mr. Sudipto Mandal - Regional Sales Director, Oerlikon Barmag Barmag Recycling Technologies - Closing the Loop, Opening Potential Mr. Shridhar Dhumal - Regional Sales Director, Oerlikon Barmag Leading Nonwoven Technology - Innovation Engineered for Performance
12:00-12:20 PM	Plenary Talk: Industry	Mr. Umasankar Sinha Mahapatra - Managing Director, Pulcra Chemicals India Pvt Ltd Sustainable Chemical Solutions for Technical Textiles
12:20-12:40 PM	Plenary Talk: Academia	Prof. Md Mahbubul Bashar - Professor, Mawlana Bhashani Science And Technology University, Tangail, Bangladesh Sustainable Cellulose-based Nanocomposites for Advanced Medtech Applications: Wearable Sensors for Personal Health Monitoring
12:40-01:30 PM	Panel Discussion 2	Topic - The Market Tug-of-War: Innovation vs. Marketing Prof. Ashwini K. Agrawal (Dean R&D - IIT Delhi & Moderator), Mr. Rahul Dubey (Sales and Marketing Manager, Henkel AG & Co), Mr. Mahesh Kudav (Managing Director, Venus Safety & Health Pvt Ltd), Dr. M. S. Parmar (Director General, NITRA), Mr. Kanav Gupta (Associate Director, Business Co-ordination House Pvt Ltd), Prof. Bhuvnesh Gupta (Superannuated Professor, IIT Delhi)
01:30-2:30 PM	Lunch (LH-121 Foyer)	

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Parallel Session 4				
Time	Session 4A (LH-108)	Session 4B (LH-111)	Session 4C (LH-114)	Session 4D (LH-316)
	Textiles for Filtration & Noise Control	Circularity: Life Cycle, Emissions and System Transitions	Chemistry of Colour and Textile Surfaces	Engineered Materials and Analysis
	<i>Chair: Prof. Dipayan Das</i>	<i>Chair: Prof. Rajiv K Srivastava</i>	<i>Chair: Prof. Mangala Joshi</i>	<i>Chair: Prof. Archana Samanta</i>
02:30-02:45 PM (Session Keynote)	Prof. Vardhaman Bhupal Chougule Impact of Hollow and Solid Polyester Fiber Cross-Sections on Filtration Performance in Needle-Punched Nonwovens	Dr. Subhadeep Paul A Life Cycle Assessment Study: Is Bacterial Cellulose Leather a Sustainable Alternative to Conventional Textile Products?	Prof. Boris Mahltig Smart and Functional Textile Surfaces by Coating Applications using Effect Pigments and Functional Pigments	Prof. Shekh Md. Mamun Kabir Intercalation of α -Zirconium Phosphate with Amines used as Epoxy Additives and Catalysts
02:45-02:55 PM	Dr. Ujjainkumar Pundlik Mhasavekar Recent Developments in Pervaporation Membranes	Dr. Bharti Bisht CA-AIS Framework for Textile Supply Chain Emission Accounting	Dr. Meenakshi Kumari Commercial-Scale Eco-Printing of Silk Fabric Using Natural Mordants and Manjishtha-based Pigments	Dr. Haree Charan Meena Effect of Twist Multiplier on Wickability of Siro Spun Yarns
02:55-03:05 PM	Dr. Janmay Singh Hada Nanofibers, Nonwovens, and Beyond: Next-Generation Textile Filtration Systems	Dr. Preeti Kaur Sachdeva Environmental Impacts of Cotton vs. Milkweed Fibres: A Cradle-to-Gate Life Cycle Assessment	Dr. Arun Kumar Patra Electrochemical Dyeing using Indigo Colour	Mr. Vignesh G Computational Fluid Dynamics (CFD) Analysis of Process Parameters and Nozzle Design in Meltblowing

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03:05-03:15 PM	Dr. Meenakshi Ahirwar Sustainable Acoustic Materials from Silk Waste and Natural Fiber-Based Nonwovens	Mr. Biren Vora Game-Theoretic Modelling of Circular Economy Rebound Effect and Track & Trace Capabilities in Sustainable Fashion	Dr. Ramachandran R Extraction and Characterisation of Natural Dye Stuff obtained from Cannonball Tree Bark	Mr. Mayur Sharma Comprehensive Analysis of Denim Fabric Properties: Influence of Fiber Composition and Weave Architecture
03:15-03:25 PM	Mr. Siddhi Vardhan Singh Rao Modelling and Experimental Study on Acoustic Behaviour of Tricot Fabrics	Mr. Gyanesh Kumar Jha Carbon Footprint Assessment of Indian Handloom Production	Mrs. Kathiroli Raja Sustainable Dyeing of Cotton with Sesbania grandiflora Extract and Zinc Oxide Nanoparticle Finishes for Improved Color Strength and Functional Properties	Ms. Garima Raj Beyond Clothing: Unveiling the Role of Non-Apparel Textiles in Everyday Use
03:25-03:35 PM	Mr. Shantnu Verma Effect of Bonding Techniques and Process Parameters on Thermal and Acoustic Properties of Nonwovens	Ms. Aadhyा Singh Development and Comparative Characterisation of Bioplastics Films from Water Hyacinth and Sugarcane Bagasse Cellulose Reinforced with Natural Polymers	Mrs. Aastha Rajawat Effect of Sustainable Pretreatments and Dyeing on Protective Bamboo- Cotton Fabric	Ms. Paramjeet Kaur Innovative Smart Textile Application: Reflective School Uniforms for Student Road Safety

03:35-04:00 PM

Tea Break (LH-121 Foyer)

04:00-05:00 PM

Poster Prize Distribution & Valedictory Session (LH-111)

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Poster Session | 7 February 2026 | 03:55-05:25 PM

Poster ID	Name	Title	Institution
P-01	Dr. Fayeza Noor	Recent Innovations in Smart Textiles and the Role of AI in Textile Industry	Cambridge School, Delhi
P-02	Mr. Vijay Verma	NBC Protective Textiles	Defence Research and Development Establishment, Gwalior
P-03	Ms. Anshika Hansini	Natural Dye	Indian Institute of Handloom Technology, Bargarh
P-04	Ms. Vinaya D	Repurposing of Jackfruit Waste into Nonwoven Fabric	Kumaraguru College of Technology, Coimbatore
P-05	Ms. Priyanka Pant	Sustainable Fiber Recovery from Cigarette Waste to Technical Textile	Jawaharlal Nehru Government Engineering College, Sundernagar, Mandi, Himachal Pradesh, India
P-06	Ms. Simar Kaur	The Role of Textile Sensory Feedback on Attention Span Among College Students	IILM University, Gurugram
P-07	Mr. Swarup Kumar Dash	Adaptive Surface Textile with Automotive Textile	Indian Institute of Handloom Technology, Bargarh
P-08	Ms. Jiya Gupta	Bio-based Fiber-Enhanced Geotextiles for Sustainable Unpaved Road Infrastructure	Jawaharlal Nehru Government Engineering College, Sundernagar, Mandi, Himachal Pradesh, India
P-09	Ms. Spandana Prem Deshpande	Positioning of Textile Supply Chain in Sustainability	Dr. D. Y. Patil School of Design, Pune
P-10	Ms. Aishwarya Atul Toley	Upcycling Nonwoven and Woven Polypropylene Packaging Waste through Surface Manipulation for Functional Textile Development	National Institute of Fashion Technology, Kangra
P-11	Dr. Himadri Tanaya Mahanta	Mechanical Properties of Natural Fibre Woven Geotextiles	Odisha University of Technology and Research, Bhubaneswar

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Poster ID	Name	Title	Institution
P-12	Mr. Ankush Shaw	Breathable Polymeric Coatings for Textile Upholstery Application	Indian Institute of Technology Delhi, New Delhi
P-13	Ms. Suhani Ujjwal	Permanent Ink-Lock Technology for Lifetime-Preserved Textile Memorabilia	National Institute of Fashion Technology, Delhi
P-14	Mr. Abhishek Chakraborty	Sustainability in Style: Risa Fabric as a Bridge between Handloom Traditions and Modern Wear	Jagannath University, Delhi
P-15	Mrs. Nathiya M	Development and Characterization of Bio-Based Flame Retardant Finishes on Cotton Fabrics Using Chitosan for Sustainable Textile Applications	PSG College of Arts and Science, Coimbatore
P-16	Mr. Rikhil Nagpal	Post-consumer Textile Waste Management: A Holistic Approach Towards a Circular Economy while Bridging Socio-cultural and Socio-economic gaps	Dr. D Y Patil School of Design, Dr D Y Patil Vidyapeeth, Pune
P-17	Mr. Sagnik Ghosh	Development of Biodegradable Polymer based Orthopaedic Implants	Indian Institute of Technology Delhi, New Delhi
P-18	Ms. Rojalin Pradhan	Textile Sustainability and Recycling: Toward a Circular Future	Indian Institute of Handloom Technology, Bargarh, Odisha, India
P-19	Ms. Gargi Sharma	CRISPR-based Microorganisms for Smart Textile Finishes	Government Women Polytechnic College, Jaipur, Rajasthan
P-20	Mrs. Anthima Ram	Systematic Review of Diabetic Wound Healing Using Nonwoven Antimicrobial Silver-Ion Embedded and Alginate Dressings	Institute of Design, MIT ADT University, Pune

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P-21	Mrs. Shakti Bathla	Study on Use of Reusable Cloth Diapers made from Sustainable Fabric	Northern Indian Institute of Fashion Technology, Chennai
P-22	Prof. Deepali Singhee	Diversifying Gamchhas of Kenjakra in West Bengal for Sustainable Livelihoods: A Study on Innovative End-Uses	ILEAD, Kolkata
P-23	Mr. A. Hari Krishnan	Turmeric Nanocoating	Kumaraguru College of Technology, Erode
P-24	Ms. Jothika Jeyabalan	Statistical Optimization and Recombinant Expression of Native Laccase in Pichia pastoris for Enhanced Thermo- and pH-Stable Biocatalysis in Textile Dye Degradation	Indian Institute of Technology Guwahati, Assam
P-25	Mr. Ajithkumar Veluchamy	Sequential Azoreductase-Laccase mediated Biodegradation of Azo-dye for Textile Effluent Treatment	Indian Institute of Technology Guwahati, Assam
P-26	Ms. Madhu Priya	Chemically Treated Flame-Retardant Cotton vis-a-vis Inherent Para-aramid Fabric in Reference to Multiple Washing	Panipat Institute of Engineering & Technology, Samalkha
P-27	Ms. Kavita Saroha	Artificial Intelligence in Apparel: Balancing Efficiency, Sustainability and Virtual Fashion Commerce	Amity University Haryana, Gurugram
P-28	Mr. Akhilesh Kumar Sharma	Influence of Biomolecule on Long-Term Stability of Piezoelectric Properties of PVDF Composite Nanofibers for Athlete Training	Indian Institute of Technology Delhi, New Delhi
P-29	Ms. Aditi Sharma	Integrating Textile Sustainability into Plus-Size Fashion for a Responsible Future	Amity University Haryana, New Delhi
P-30	Ms. Himani Bir	Consumer Perceptions and Behavioral Insights on Recycling and Upcycling of Post-Consumer Textile Waste	Guru Nanak Dev University, Amritsar

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P-31	Ms. Anjana	Value Addition to Old Children's Clothes Using Upcycling Techniques	Dept. of Apparel and Textile Technology, Guru Nanak Dev University, Amritsar
P-32	Dr. Upasana Saxena	Marketing Strategies for Bridging Performance and Sustainability in Technical Textiles	Amity School of Communication, Lucknow
P-33	Ms. Shivangi Bansal	Characterizing Desert Cotton as a Material Filler for Neck Pillow	Indian Institute of Technology Jodhpur
P-34	Ms. Tarandeep Kaur	Chikankari Embroidery and Sustainable Textile Innovation	Kanya Maha Vidyalaya, Jalandhar
P-35	Mr. Akash Patel	Rhizomorphic Bio-Textiles for Regenerative Disposable Packaging	NIFT Gandhinagar, Gujarat
P-36	Ms. Samruddhi Vaibhav Purandare	Hybrid Energy-Harvesting Smart Textile Integrating Thermochromic Sensing and ECG Monitoring	National Institute of Fashion Technology, Pune
P-37	Ms. Simmi Sharma	Upcycling the Single-Use Plastic in Circular Fashion	Jagannath University, Haryana
P-38	Mr. Aditya Bhandari	Valorization of Polyester Waste into Thermoregulatory Polyester Fibre	Indian Institute of Technology Delhi, New Delhi
P-39	Mr. Chaitanya Kaustubh Deshpande	Woodland Camouflage with In-situ Functional Finish	Institute of Chemical Technology Mumbai
P-40	Ms. Kamlekar Preethi	From Farm Waste to Future Materials: Sustainable Composites for Advanced Applications	National Institute of Fashion Technology, Hyderabad
P-41	Ms. Atryee Das	Molecular Ferroelectrics: Harnessing Triglycine Sulphate for Next-Generation Energy Materials	Indian Institute of Technology Delhi, New Delhi
P-42	Ms. P. Lakshmi	Sustainable Functional Textiles: Surface-Modified Cotton Dyed with Grape Skin Extract for UV and Antibacterial Protection	Amrita School of Physical Sciences Coimbatore