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Nota di contenuto	Chapter 1. Development of Multi-Layered Stab Protection Fabrics using UHMWPE, A Blend of UHMWPE/Polyester and HPPE UD Laminate Material -- Chapter 2. Nonwoven based Acoustic Absorbers for Automotive Applications -- Chapter 3. A Review on Challenges in Developing the Military Uniforms -- Chapter 4. A critical review on two-dimensional mxenes and their applications in wearable and multifunctional smart textiles -- Chapter 5. Study of multi-layered fabrics for thermal insulation in extreme cold weather apparel -- Chapter 6. Advanced Outer Shell Fabric for Bulletproof Jacket -- Chapter 7. Development of Polymer Composites Using Recycled Polymer Waste of Textile Industry: A Brief Review -- Chapter 8. Thermal Regulation through Clothing: Balancing Comfort and Insulation -- Chapter 9. Design of top surface of a partly reusable sanitary napkin based on fluid flow across the plane. Chapter 10. Optimization of various Fastness Properties of lyocell Fabric dyed with Azadirachta indica leaves and mordanting with

Citrus limon Extract and Potassium aluminium sulfate. Chapter 11. A Review on Implications of Fiber Pretreatments on the Characteristics of Eco-Friendly Textile Materials -- Chapter 12. Noise Reduction Analysis in The Industrial Environment by Acoustic Materials -- Chapter 13. Performance Assessment of Coir Geotextile as Green Geosynthetic In Improving Soil Subgrade - A Review -- Chapter 14. Technology in Pursuit of Maternity Wearables -- Chapter 15. Effect of Natural Dyeing on Chitosan treated Cotton Fabric Using Selected Sources -- Chapter 16. Production of Multi-Walled Carbon Nanotubes by AC Arc Discharge in Air -- Chapter 17. A Review of Consumer Perspectives on Green Apparel -- Chapter 18. Digital Printing: The New Era in Fashion and Textile Design -- Chapter 19. Recycled Sewing Thread Based on Waste PET Bottles -- Chapter 20. Effect of Fiber Blend on Properties of Grey Needle Punched Composite Nonwovens. - Etc.

Sommario/riassunto

This book presents the select proceedings of the 3rd International Conference on Emerging Trends in Traditional and Technical Textiles (ICETT 2023) and examines the latest developments and applications in the field of textile materials, with a special focus on technical textiles. The topics covered include geotextiles, medical and healthcare textiles, protective textiles, thermal behavior of textiles, functional finishing of textiles, composites and green textiles. The book also discusses the dyeing, printing and fastness properties of the textile materials. This book is a valuable reference for researchers and professionals working in traditional textile design and technical textile applications.
