1.	Record Nr. Autore Titolo	UNINA9910845498103321 Gupta Deepti Functional Textiles and Clothing 2023 [[electronic resource]] : Proceedings of 3rd International Conference on Functional Textiles & Clothing 2023 / / edited by Deepti Gupta, Abhijit Majumdar, Sanjay Gupta
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	Descrizione fisica	1 online resource (318 pages)
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	Altri autori (Persone)	MajumdarAbhijit GuptaSanjay
	Disciplina	670
	Soggetti	Manufactures Building materials Materials - Analysis Materials Machines, Tools, Processes Wood, fabric, and textiles Characterization and Analytical Technique Materials Engineering
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	Nota di contenuto	Light-weight Indigenously Developed Firefighter Suit Developing Functionality in Geriatric Wear Through Designing Advanced Activated Carbon Adsorbent Filter Material for Chemical Protective Clothing Clothing for the Visually impaired Clothing for the Visually Impaired.
	Sommario/riassunto	This volume contains selected papers presented during the Functional Textiles and Clothing Conference 2023 held at the Indian Institute of Technology Delhi. The volume focuses on Design of Adaptive clothing for special populations such as people with visual impairment or motor disabilities and the elderly. Design of protective clothing for fire fighters, chemical protective clothing and comfort of protective clothing is discussed. Other topics include recent advancements in the

field of sustainable dyeing and finishing, dyeing of natural fibres and use of natural dyes and surface functionalisation of textiles. New and emerging fibres from plant and animal sources, development of novel blends and their characterisation are other topics included in this volume. The book will serve as a good reference for researchers working in the emerging area of Functional clothing and Textiles.