

Journal Publications-2022-2023-Dept of Textile Technology

S.N O	Year	Journal Details	Journal Publication / Book / Book Chapter	Imapct factor	Listed in Scopus / SCI
1.	2022- 2023	Mohanraj, S. (2022). A Study on the Influence of Natural Agents on the Absorption Properties of Cotton Fabrics-Part 1. <i>JOURNAL OF TESTING AND EVALUATION</i> , 50(4), 1977-1993.	Journal	1.264	WoS/Scopus
2.	2022- 2023	Mohanraj, S. (2022). A Study on the Influence of Natural Agents on the Absorption Properties of Cotton Fabrics-Part Two. <i>JOURNAL OF TESTING AND EVALUATION</i> , 50(4), 1994-2008.	Journal	1.264	WoS/Scopus
3.	2022- 2023	Mohanraj, S. (2022). Effect of Natural Agents on the Mechanical and Flame Retardant Properties of Cotton Fabric-Dyeing Technique. <i>JOURNAL OF TESTING AND EVALUATION</i> , 50(4), 2009-2020.	Journal	1.264	WoS/Scopus
4.	2022- 2023	Sadhna, Kumar, R., Maanvizhi, M., Prakash, C., Ramesh Babu, V., & Indu, G. K. (2023). Impact of Stitch Density on Tactile Comfort Properties of Seams. <i>AATCC Journal of Research</i> , 10(2), 73-79.	Journal	0.726	WoS/Scopus

Journal Publications-2022-2023-Dept of Textile Technology

5.	2022-2023	Rajkumar, G., Kanakaraj, P., & Dhinakaran, M. (2022, November). Eco friendly finishing of cotton fabric for mosquito repellency with <i>Carica papaya</i> . In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 020001). AIP Publishing LLC.	Journal	0.726	WoS/Scopus
6.	2022-2023	Experimental Investigation on Mechanical Properties of Hybrid Protein Fiber Composites and its Optimization using Box Behnken Experimental Design G. Rajkumar <sup>1</sup> , P. Maheswari Naik <sup>2,a</sup> ) and M. Dhinakaran <sup>3</sup> , International Conference on Materials Research in Science and Engineering AIP Conf. Proc. 2446, 090003-1–090003-6; <a href="https://doi.org/10.1063/5.0108158">https://doi.org/10.1063/5.0108158</a> Published by AIP Publishing. 978-0-7354-4208-5/\$30.00	Journal	0.726	WoS/Scopus
7.	2022-2023	Ariharasudhan, S., Chandrasekaran, P., Dhinakaran, M., Rameshbabu, V., Sundaresan, S., Natarajan, S., & Arunraj, A. (2022, November). Study of banana/cotton blended nonwoven fabric for lead and zinc adsorption. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 170008). AIP Publishing LLC.	Journal	0.726	WoS/Scopus
8.	2022-2023	Dhinakaran, M., Ariharasudhan, S., Rajkumar, G., & Thangeswaran, P. (2022, November). Effect of alkali pretreatment on dyeing	Journal	0.726	WoS/Scopus

Journal Publications-2022-2023-Dept of Textile Technology

		behavior of Lyocell fibre. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090014). AIP Publishing LLC.			
9.	2022-2023	Chandrasekaran, P., Babu, V. R., Ariharasudhan, S., Sundaresan, S., Arunraj, A., & Natarajan, S. (2022, November). Study on hybrid composites for roofing applications. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 040003). AIP Publishing LLC.	Journal	0.726	WoS/Scopus
10.	2022-2023	Ariharasudhan, S., Chandrasekaran, P., Dhinakaran, M., Rameshbabu, V., Sundaresan, S., Natarajan, S., & Arunraj, A. (2022, November). Study of banana/cotton blended nonwoven fabric for lead and zinc adsorption. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 170008). AIP Publishing LLC.	Journal	0.726	WoS/Scopus
11.	2022-2023	Sundaresan, S., Arunraj, A., Chandrasekaran, P., Ariharasudhan, S., & Thambidurai, A. (2022, November). Comfort behavior of woven sheeting fabrics. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090004). AIP Publishing LLC.	Journal	0.726	WoS/Scopus
12.	2022-2023	Sundaresan, S., Arunraj, A., Chandrasekaran, P., Ariharasudhan, S., & Thambidurai, A. (2022, November). Behavioral study of composite made from sisal-jute-kenaf yarn. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090005). AIP Publishing LLC.	Journal	0.726	WoS/Scopus
13.	2022-	Babu, V. R., Arunraj, A., Ariharasudhan, S., &	Journal		WoS/Scopus

Journal Publications-2022-2023-Dept of Textile Technology

	2023	Chandrasekaran, P. (2022, November). Investigating the effect of laundering on the polyester/cotton sewing thread mechanical properties. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090001). AIP Publishing LLC.			
14.	2022-2023	Babu, V. R., Karunamoorthy, B., Arunraj, A., & Natarajan, S. (2022, November). Measurement of garment dimension based on switching median filter used in image processing. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090002). AIP Publishing LLC.	Journal		WoS/Scopus
15.	2022-2023	Devi, R. S., Dhurai, B., & Sivakumar, P. (2022, November). Adsorption of acid dyes from wastewater using Azadirachta Indica neem (leaf) biochar. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 030002). AIP Publishing LLC.	Journal	0.726	Scopus/WoS Conference proceedings
18	2022-2023	Devi, R. S., Ramkumar, A., Vijayaprabhu, R., & Saravanan, M. (2022, November). Development of fluid absorption and wet back tester for absorbent pads. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090006). AIP Publishing LLC.	Journal	0.726	Scopus/ WoS Conference proceedings
19	2022-2023	Saravanan, M., & Iniya, R. (2022, November). Water repellent cloth carry bags for packaging applications. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 090011).	Journal	0.726	Scopus/ WoS Conference proceedings

Journal Publications-2022-2023-Dept of Textile Technology

		AIP Publishing LLC.			
20	2022-2023	Saravanan, M., & Elakkiya, K. (2022, November). Development of herbal doped electrospunmat for hemorrhoids. In <i>AIP Conference Proceedings</i> (Vol. 2446, No. 1, p. 020009). AIP Publishing LLC.	Journal	0.726	Scopus/ WoS Conference proceedings
21	2022-2023	Vidya, T., Prakash, C., Rajwin, T. J., Babu, V. R., Shah B, A., & Reetuparna, R. (2022). Effect of plasma treatment on polyester knitted fabrics: Part I-Thermal comfort. <i>Indian Journal of Fibre &amp; Textile Research (IJFTR)</i> , 47(4), 437-442.	Journal	0.84	WoS/Scopus
22	2022-2023	Chandrasekaran, P., & Ratnapandian, S. (2023). Evaluation of Sawdust as a Sustainable Dye Source in Ethiopia. <i>Tekstilec</i> , 66, 1-7.	Journal	1.09	Scopus/ Web of Science
23	2022-2023	Vidya, T., Prakash, C., Rajwin, A. J., Babu, V. R., Shah, B. A., & Reetuparna, R. (2023). Effect of plasma treatment on polyester knitted fabrics: Part II—Moisture management properties. <i>Indian Journal of Fibre &amp; Textile Research (IJFTR)</i> , 48(1), 13-18.	Journal	0.825	WoS/Scopus
24	2022-2023	Moorthi, M., Chidambram, P., & Venugopal, R. (2023). Study on thermal comfort behaviour of seams made of micro-denier polyester sewing thread for high active sportswear. <i>Hemijaska industrija</i> , (00), 6-6.	Journal	0.744	WoS/Scopus