Faculty Publications

Books and Book Chapters

S.No	Authors	Title	Book / Proceedings	Year	Publisher / Indexing
1	Bharani Murugesan, A. Q. Sajid, Yeshi Tadesse, B. Seyoum	Exploring the Impact of Jute Fabric Reinforcement on the Mechanical Characteristics of Polylactic Acid Composites: A Research Study	Proceedings of the 7th International Conference on Technical Textiles and Nonwovens (ICTN), pp. 265–281 (International)	August 2025	Springer Nature; Scopus indexed; DOI: 10.1007/978-981-97-9100-2_19
2	Dr. R. Kavitha (Co-author), Assistant Professor (SG) / FT	Fashionology: 1000 MCQs for Aspiring Designers	2026 Edition (National), ISBN 978-81-998116-4-5	2026	Royal Book Publishing

Journal Publications

S.No	Authors	Title of the Paper	Journal	Volume, Issue, Pages, Date	Level	Indexing / DOI
1	Bharani Murugesan, S. V. Dharaga Selvi, D. Harish, E. Saravanan	Development of Smart Bandages and Hydrogel-Based Wound Dressing for Advanced Wound Care	Journal of the Textile Association	Vol. 86, No. 5, pp. 486–493, January–February 2026	National	Scopus; DOI: 10.63665/jta.v86i5.1
2	Bharani Murugesan, S. V. Dharaga Selvi	Attention-Guided Hybrid LSTM-CNN Framework for Early Cardiac Anomaly Detection	ICTACT Journal on Soft Computing	Vol. 16, Issue 4, pp. 4089–4094, January 2026	International	Scopus; DOI: 10.21917/ijsc.2026.0565
3	Kavitha Rajan, Sawiros	Investigation of Degumming Treatments Effect	Journal of Engineered Fibers and	March 2026	International	DOI: 10.1177/15589250261435

S.No	Authors	Title of the Paper	Journal	Volume, Issue, Pages, Date	Level	Indexing / DOI
	Leulseged, J. Banu Priya, Senthamaraikannan Palanisamy, Kumar Ramar	on the Various Physical and Mechanical Properties of Eri Silk from Ethiopia	Fabrics			4172
4	R. G. Panneerselvam, G. Mohamed Zakriya, K. Sankar, C. Prakash	Design and Development of the Angular Lenticular Brick Motif Woven Fabric Panels by Weaving, Double-Layering, Stitching and Form Tube Wadding Techniques	Indian Journal of Fibre and Textile Research	Vol. 51 (2), June 2026	International	DOI: 10.56042/ijftr.v51i2.23340
5	Z. Edward Kennedy, G. Mohamed Zakriya (Second Author), C. Sneha, Priya Bijesh, V. Andal, Selvaraj Vaithilingam	Effect of NiZn2O4/Epoxy Nanocomposite as Corrosion Inhibitors on Mild Steel	Discover Nano (Springer Nature)	October 2025	International	Scopus / WoS; DOI: 10.1186/s11671-025-04302-x
6	Kavitha Rajan	Synergistic Antimicrobial Properties and Durability of Microencapsulated Bamboo-Cotton Bandages Functionalized with Vitex negundo and Galinsoga parviflora	Polymer Bulletin (Springer Nature)	2025, ISSN 0170-0839	International	SCI, Q2
7	Sowmmiya S, Murugesan M,	Analysing Start-ups on Visual	Man Made Textiles in	Vol. LIII, No. 9,	National	Scopus; ISSN 0377-

S.No	Authors	Title of the Paper	Journal	Volume, Issue, Pages, Date	Level	Indexing / DOI
	Dhanakodi A.K.P	Communication in Contemporary Graphic Design	India (MMTI)	September 2025		7537