

Dr.B.SENTHIL KUMAR



1. Designation : Assistant professor
2. Centre / Department / School : Rural Industries and Management
3. Qualification : M.Tech.(Textile Technology) ,Ph.D
4. Experience (in years) : Teaching: 15 years
Research: 13 years
5. Area of Specialization : Technical Textiles,Natural Textile Coloration,
Lean Management
6. Mobile Number : 9003032041
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8. Orcid ID : 0000-0002-2640-6784
9. Google Scholar ID : <https://scholar.google.co.in/citations?user=ZZTrdqIAAAAJ&hl=en>
10. IRINS Link for detailed profile : <https://ruraluniv.irins.org/profile/115688>
11. **Research Guidance :**

Degree	Awarded		Guiding
	Total	For the period 2019-2024	
Ph.D.	8	5	3

12. Publications

S.No.	Category	Total	For the period 2019-2024
1.	No. of UGC-CARE Listed Publications	82	45
2.	Books Published	4	1
3.	No. of Chapters in Edited Volume / Proceedings	7	3

Select Publications (2019-2024)

S.N o.	Title of the Article	Name of the Journal	I/ N	ISBN/ ISSN	Vol./DOI	Month and Year
1.	Antimicrobial study on surface-coated <i>Hibiscus sabdariffa</i> L. fiber reinforcement	Biomass Conversion and Biorefinery	I	2190-6823	10.1007/s13399-023-04569-z	July 2023
2.	Comprehensive characterization of novel bioplasticizer from Pandanus tectorius leaves: a sustainable biomaterial for biofilm applications	Macromol. Research	I	2092-7673	10.1007/s13233-023-00192-z	Sep. 2023
3	Experimental investigation of mechanical and comfort properties of banana/cotton blended woven fabrics	Research Journal of Textile and Apparel	I	1560-6074	10.1108/RJTA-08-2023-0085	Jan 2024
4	An investigation of sound absorption characteristics of <i>Cocos nucifera</i> fiber composite using Taguchi design	Polymer Bulletin	I	0170-0839	10.1007/s00289-024-05155-7	Feb 2024
5	Investigation of Mechanical, Thermal, and Moisture Diffusion Behavior of <i>Acacia Concinna</i> FIBER/POLYESTER Matrix Composite	Journal of Natural Fibers	I	1544046 X	10.1080/15440478.2022.2099502	Aug. 2023

13. Sponsored Projects:

Major Projects handled so far	
Nos.	Financial Outlay (Rs.in lakhs)
1	1.15 lakh

14. No. of Seminars/Conferences/Workshops Organized (2019-2024) : 01
15. No. of Presentations in Seminars/Conferences (2019-2024) :5
16. No. of Invited Talks in National / International Conferences (2019-2024): 1

17. **Additional Responsibilities (2019-2024):**
 - IQAC -Working committee member since 20th March 2022
 - IIC member since 20th March 2022
 - Serving as NSS programme Officer since 19th March 2015
 - Counselor-cum placement coordinator at Higher Education for Persons with disability (HEPSN),GRI since 12th Oct 2013.

18. **Awards / Honours / Recognitions / Achievements: (2019-2024):**
 - Reviewer for more than 20 international reputed journals
 - Editorial Board Member for Journal of Modern Polymer Chemistry and Materials from Aug 2021 onwards
 - Principal Technical committee member in Bureau of Indian Standards for Handloom and Khadi sectional committee- TXD 08
 - BOS member for Alagappa University, PSG College of Arts, GRI and Lady Doak College, Madurai