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List of Publication (Since 2015)

1. **B.Senthil kumar**,C.B.Senthilkumar,Ramesh Kumar(2020), Dimensional, Physical and Thermal Comfort Properties of Eri Silk Single knit Fabrics, Fibres and Polymers(Springer Journal)-Accepted for publication
2. S.Sakthivel & **B.senthil kumar**(2020), Studies on influence of bonding methods on sound absorption characteristic of polyester/cotton recycled nowoven fabricsnonwoven, Applied Acoustics(Elsevier Journal), ISSN: 0003-682X
3. **B.Senthilkumar**, K.M.Patchiyappan (2020)Process optimization of Antimicrobial treatment on Tencel knit fabrics using Chitosan biopolymer,Journal of testing and Evaluation(Accepted for publication),ISSN: 0090-3973 (ASTM Journal)
4. **Senthilkumar Boominathan**, & Amutha.V. (2020). Physico-chemical, Thermal and Tensile properties of Alkali-treated Acacia Concinna Fiber, Journal of Natural Fibers , <https://doi.org/10.1080/15440478.2020.1838998>(Taylor and francis Journal) (ISSN :15440478)
5. **Senthilkumar Boominathan**, & Balakrishanan, S. (2020). Optimization of process parameters on color strength and antimicrobial activities of cotton fabric dyed with Rubia cordifolia extract. Journal of Natural Fibers (doi/abs/10.1080/15440478.2020.1818347) (Taylor and francis Journal), 1-15(ISSN :15440478)
6. Murugan, T., & **Kumar, B. S.** (2020). Studies on mechanical and dynamic mechanical properties of banana fibre nonwoven composite. Materials Today: Proceedings.(<https://doi.org/10.1016/j.matpr.2020.04.155>),(ISSN 2214-7853.) Elsevier Journal

7. **Kumar, B.S.**, & Balachander, S. (2020). Studying the effect of reinforcement parameters on the mechanical properties of natural fibre-woven composites by Taguchi method. *Journal of Industrial Textiles*, 50(2), 133-148(Sage Journal).
8. **B.Senthil kumar** & C.B.Senthilkumar(2020), Investigation of dimensional properties of Eri silk Single jersey fabrics, *International journal of research in engineering application and management*, Feb 2020, ISSN-24549150(UGC Approved journal).
9. Amutha, V., & **Senthilkumar, B.** (2019). Physical, Chemical, Thermal, and Surface Morphological Properties of the Bark Fiber Extracted from Acacia Concinna Plant. *Journal of Natural Fibers*, 1-14((Taylor and francis Journal), (ISSN :15440478)
10. **B.Senthil kumar**, C.B.Senthilkumar, Dr. Sivagnanam(2020), Effect of Inlay Yarn in Moisture and Thermal Transmission Properties of Plaited Double Knit Fabric Structures, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN: 2321-9653, Vol.8, issue 2(UGC Approved journal)
11. **B.Senthil kumar**, C.B.Senthilkumar(2020), Comfort aspects of sportswear base fabrics-A review, *Journal of emerging technologies and Innovative research*, ISSN:2349-5162, Vol. 7, issue 2 (UGC Approved journal)
12. **B.Senthil kumar** & V.Karthi(2019), To study the mordanting method of myrobalan with dyeing of Hybiscus rosa on cotton fabric, *Pramana Research Journal*,_ISSN Number : 2249-2976, Vol. 8 ,issue 8(UGC Approved journal)
13. Dr.K.M.Pachiyappan, **B.Senthilkumar**, V. Kumar, R. Divya, Investigation of differential stretching properties of single jersey knitted fabrics on air permeability, *International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences*, ISSN:2349-7300, Volume 6, Issue 4, 2018,(UGC Approved journal)
14. D. Anita Rachel, K.Prabu & **B. Senthil kumar**(2018), A complete study on polybags usage in apparel industry, *International Journal of Research*, ISSN: 2348-6848, Volume 05 Issue-4 (UGC Approved journal)
15. D. Anita Rachel, P.Sangareswari & **B. Senthil Kumar** (2018), A Novel Textile Artificial bags to evade Heat for mobile, tabs and Laptop by vetiver root grains,

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- 16.D. Anita Rachel, K.Banupriya & **B. Senthil Kumar**(2018), A progress of Herbal finish(Aloe vera & Neem) in infant tank tops in mother's view point, International Journal of Trends in Scientific research and development, ISSN 24566470, Vol.5 ,Issue 12 ,(UGC Approved journal)
- 17.D. Anita Rachel & **B. Senthil Kumar** (2017), A Cram on the Production of Footwear with various fibers, sponges and medical roots, International Journal of Research, ISSN: 2348-6848,Vol2, issue.1(UGC Approved journal)
- 18.D. Anita Rachel & **B. Senthil Kumar** (2017), Herbal Infant beddings by Cotton, Bamboo Fibers and Vetiver Root grains of combo artifact , International Journal Of Research Culture Society , ISSN: 2456-6683, Volume - 1, Issue – 09(UGC Approved journal),
- 19.**B. Senthil Kumar** & D. Anita Rachel(2017), Avoidance from Dengue by microencapsulated with vetiver root essence with mosquito repellent finishing o fabric, International Journal of Trends in Scientific research and development (IJTSRD),ISSN 24566470,Vol.2 Issue -1(UGC Approved journal)
- 20.**B. Senthil Kumar** & D. Anita Rachel(2016), Antimicrobial Fabric Coated With Vetiveria zizanioides Extract for Healthcare Application, International Journal for Research in Applied Science and Engineering Technology (IJRASET), ISSN : 2321-9653, *Volume 5, Issue XI*, (UGC Approved journal)
- 21.**B.Senthil Kumar**(2017), Studies on mechanical properties of Nano-Hemp fibre composite material, International journal of Engineering Research and applications,ISSN:22489622,Vol.7 issue 10. (UGC Approved journal)
- 22.**B.Senthil Kumar**(2017), Optimization of process parameters towards the manufacturing of twill woven Glass /Epoxy -nano clay composite through hand-layup technique , International Journal of Engineering and Technology (IJET),ISSN : 0975-4024,Vol 9 No 4(UGC Approved journal)
- 23.**B.Senthil Kumar**(2017), Comparative investigation of antimicrobial properties of medical fabric coated with azadirachta indica and ziziphus jujube, International Journal of Pharma Sciences and Research (IJPSR), ISSN : 0975-9492.Vol. 8 No. 06(UGC Approved journal)

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25. **Senthil Kumar B**, Pachiyappan K.M, Balachander S(2016), Stamp Forming Process Parameter of E-Glass /PP Plied Matrix Composite Material on Mechanical Properties of Composite-A Box Behnken Approach, A Journal of Science and Technology , ISSN: 2349 – 5456 Volume : 4 No. : 1(UGC Approved journal)
26. **B.Senthil Kumar**(2016), Study on antimicrobial Effectiveness of silver nano Coating over cotton fabric Through green approach. , International Journal of Pharma Sciences and Research (IJPSR), ISSN : 0975-9492 Vol. 7 No. 9(UGC Approved journal)
27. **Senthil Kumar**(2016), Value Stream Mapping-A Lean Manufacturing Approach to Reduce the Process Wastages in Clothing Industry, International Journal of Advances in Management and Economics (IJAME), ISSN:2278-3369. Volume 5, Number 5 (UGC Approved journal)
28. **B.Senthil kumar**(2016), Comparative Study of Moisture Diffusion Behavior of Textile Structured Nano Composite with Varying Nano Clay Composition, IOSR Journal of Polymer and Textile Engineering (IOSR-JPTE), Vol-3 ,issue-2(UGC Approved journal)
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