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)
- 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)
- 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, International journal for scientific research and development, ISSN 23210613(,(UGC Approved journal)
- 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.

- 19.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),
- 20.**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)
- 21.**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)
- 22. **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)
- 23. **B.Senthil Kumar**(2017), Optimization of process parameters towards the manufacturing of twill woven Glass /Epoxy -nano clay composite through handlayup technique , International Journal of Engineering and Technology (IJET),ISSN: 0975-4024,Vol 9 No 4(UGC Approved journal)
- 24. **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)
- 25. Vinayagamoorthy, **Senthilkumar**, patchiyappan, kavith (2017), Microencapsulated lemongrass oil for mosquito repellent finishing of knitted cotton wear, Asian Journal of Pharmaceutical and Clinical Research, ISSN :0974-2441, Vol 10, Issue 6(Scopus Journal)

- 26. **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)
 - 27.**B.Senthil Kumar**(2016), Study on antimicrobial Effectiveness of sliver 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)
- 28.**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)
- 29. **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)
- 30. **B.Senthil kumar**& H.Samuel Thavaraj(2015), Impact of lean manufacturing practices on clothing industry performance, International Journal of Textile and Fashion Technology (IJTFT), ISSN:2250-2378,vol.5,issue-2, (UGC Approved journal)
- 31. **Kumar, B. S**. 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)
- 32. **B.Senthil kumar**& H.Samuel Thavaraj(2015), Analysis of Transferable TQM tools to textile and clothing sector, Journal of Management and Social science Research, Vol-4 No-9 (UGC Approved journal)
- 33. **B.Senthil kumar**(2015), Electro spun Scaffolds for Tissue Engineering –A Review, International Journal of Scientific and Industrial Research, ISSN 2229-5518. Vol.6 issue-9 (UGC Approved journal)
- 34. **Kumar, B. S.**, & Balachandar, S. (2015). A study on the influence of hot press forming process parameters on Flexural Property of Glass/PP Based

Thermoplastic Composites Using Box-Behnken Experimental Design. International Scholarly Research Notices, 2015.(Scopus journal)

35. Pachiyappan, K. M., Sampath, V. R., & **KUMAR, B. S**. (2015). Comparative study of antimicrobial activity of quaternary ammonium component coated knitted fabrics. Asian Journal of Microbiology, Biotechnology & Environmental Sciences, 15, 739-742(Scopus journal)