List of Publications- Dr. V R Giri Dev

1. **Giri Dev, V.R.,** Thenmuhil, D., Hemamalini, T., Rahamedsara, S., Shubhathra, S. and Vijayalaksmi, S., 2020. Clay incorporated wet laid wood pulp based wound dressing for severe hemorrhage. *The Journal of The Textile Institute*, *111*(6), pp.821-825.
2. Thinakaran, S., Loordhuswamy, A. and Rengaswami, **G.V.,** 2020. Electrophoretic deposition of chitosan/nano silver embedded micro sphere on centrifugal spun fibrous matrices–A facile biofilm resistant biocompatible material. *International journal of biological macromolecules*, *148*, pp.68-78.
3. Hemamalini, T., Vikash, N., Brindha, P., Abinaya, M. and **Dev, V.G.,** 2020. Comparison of acid and water-soluble chitosan doped fibrous cellulose hemostat wet laid nonwoven web for hemorrhage application. *International journal of biological macromolecules*, *147*, pp.493-498.
4. Hemamalini, T., Vikash, N., Brindha, P., Abinaya, M. and **Giri Dev, V.R.,** 2020. One-pot synthesis of cellulose-based nonwoven web incorporated with chitosan for hemostat applications. *Journal of Bioactive and Compatible Polymers*, *35*(2), pp.92-101.
5. Hemamalini, T. and **Giri Dev, V.R.,** 2019. Wet Laying Nonwoven Using Natural Cellulosic Fibers and Their Blends: Process and Technical Applications. A Review. *Journal of Natural Fibers*, pp.1-11.
6. Hemamalini, T., Karunakaran, S.A., Siva Elango, M.K., Senthilram, T. and **Giri Dev, V.R.,** 2019. Regeneration of cellulose acetate nanofibrous mat from discarded cigarette butts. *Indian Journal of Fibre & Textile Research (IJFTR)*, *44*(2), pp.248-252.
7. Pathalamuthu, P., Siddharthan, A., **Giridev, V.R.,** Victoria, V., Thangam, R., Sivasubramanian, S., Savariar, V. and Hemamalini, T., 2019. Enhanced performance of Aloe vera incorporated chitosan-polyethylene oxide electrospun wound scaffold produced using novel Spirograph based collector assembly. *International journal of biological macromolecules*, *140*, pp.808-824.
8. Pathalamuthu, P., Siddharthan, A. and **Giridev, V.R.,** 2019. Spirograph based electrospinning system for producing fibre mat with near uniform mechanical property. *Indian Journal of Fibre & Textile Research (IJFTR)*, *44*(3), pp.279-285.

9. Iswarya, S., Shanuja, S.K., **Giri Dev, V.R.** and Gnanamani, A.A., 2019. A suitable coloring agent for protein based textile fabrics: An approach on production, characterization and application. *J. Text. Eng. Fash. Technol*, *5*, pp.73-79.
10. Dhanakodi, A.K.P. and **Giri Dev, V.R.,** 2018. Effect of quenching process on mechanical properties of flax/polypropylene composites. *Indian Journal of Fibre & Textile Research (IJFTR)*, *43*(4), pp.434-440.
11. **Dev, V.G.** and Hemamalini, T., 2018. Porous electrospun starch rich polycaprolactone blend nanofibers for severe hemorrhage. *International journal of biological macromolecules*, *118*, pp.1276-1283.
12. Arivithamani, N. and **Dev, V.R.G.**, 2018. Characterization and comparison of salt-free reactive dyed cationized cotton hosiery fabrics with that of conventional dyed cotton fabrics. *Journal of Cleaner Production*, *183*, pp.579-589.
13. **Dev, V.G.** and Dhanakodi, A.K.P., 2018. Studies on mechanical properties of thermoplastic composites prepared from flax-polypropylene needle punched nonwovens. *Science and Engineering of Composite Materials*, *25*(3), pp.489-499.
14. Hemamalini, T. and **Dev, V.R.G.**, 2018. Comprehensive review on electrospinning of starch polymer for biomedical applications. *International journal of biological macromolecules*, *106*, pp.712-718.
15. Arivithamani, N. and **Dev, V.R.G.,** 2017. Cationization of cotton for industrial scale salt-free reactive dyeing of garments. *Clean Technologies and Environmental Policy*, *19*(9), pp.2317-2326.
16. **Dev, G.** and Rengaswami, V., 2017. Industrial scale salt-free reactive dyeing of cationized cotton fabric with different reactive dye chemistry. *Carbohydrate polymers*.
17. Arivithamani, N. and **Dev, V.R.G.,** 2017. Sustainable bulk scale cationization of cotton hosiery fabrics for salt-free reactive dyeing process. *Journal of Cleaner Production*, *149*, pp.1188-1199.
18. Amalorpavamary, L. and **Giri Dev, V.R.,** 2016. Development of biocomposites by a facile fiber spinning technique for nerve tissue engineering applications. *Journal of Industrial Textiles*, *46*(2), pp.372-387.
19. Nallathambi, A. and Rengaswami, G.D.V., 2016. Salt-free reactive dyeing of cotton hosiery fabrics by exhaust application of cationic agent. *Carbohydrate polymers*, *152*, pp.1-11.

20. Agnes Mary, S. and **Giri Dev, V.R**., 2015. Electrospun herbal nanofibrous wound dressings for skin tissue engineering. *The Journal of The Textile Institute*, *106*(8), pp.886-895.
21. Haripriya, R. and **Dev, V.R.,** 2015. Alkali Treated Electrospun PCL Fibrous Mats for Tissue Engineering Applications. *Trends in Biomaterials & Artificial Organs*, *29*(3).
22. Agnes Mary, S. and **Giri Dev, V.R.,** 2015. In vivo bioactivity of herbal-drug-incorporated nanofibrous matrixes. *Journal of Applied Polymer Science*, *132*(26).
23. **Dev, V.G.,** Thinakaran, S. and Neelakandan, R., 2015. Electrophoretic deposition of chitosan: A rapid surface modification technique for centrifugal spun fibrous web. *Journal of Industrial Textiles*, *44*(5), pp.725-737.