

PUBLICATION - LAST FIVE YEARS

1. Rajkumar, G and Srinivasan, J., (2020). Characterization of Recycled Silk Fiber PP Composites with Optimal Performance of Silk Fibers by Response Surface Methodology. *Journal of Testing and Evaluation*, 48(5). **(Impact factor: 0.877) (WoS /Scopus indexed)**
2. Vaissnavi Devi P, Rajkumar G, Umamaheswari M, AT Archana, M Shanmugaprakash (2019). Combined de sizing and scouring of cotton fabric using xylanase enzyme. *Journal of Textile Engineering & Fashion Technology*, 5(6), 284-286. **(Refreed journal)**
3. Rajkumar, G and Srinivasan, J., (2019). Mechanical and dielectric properties of pp composites reinforced by silk and wool fibres – A comparative study to PP. *International Journal of Mechanical and Production Engineering Research and Management*, 1(9). **(Scopus indexed)**
4. G.Rajkumar and V.Krishnaveni (2018) Influence of banana pseudostem aqueous extract on the comfort properties of cotton fabric, *International journal of Green Pharmacy* 12 (3), S621- S624. **(Scopus indexed)**
5. V.Krishnaveni and G.Rajkumar (2018) A study of Chrysanthemum coronarium antibacterial efficacy on cotton for hospital textiles, *Journal of Green Pharmacy* 12 (3), S579-S582. **(Scopus indexed)**
6. G.Rajkumar and J.Srinivasan (2017) Certain Properties of Needle Punched Nonwoven Fabrics Made from Silk and Wool Fibers, *Trends in Textile Engineering & Fashion Technology* 1 (2), 1-4. **(Refreed journal)**
7. N.Vino, G.Rajkumar and S Das., (2017) Influence of fabric finishes on needle penetration force and mechanical properties of cotton/Lycra denim fabric, *Pakistan textile journal* 47(5), 602- 621. **(Scopus indexed)**
8. G.Rajkumar and J.Srinivasan (2017) Evaluation of mechanical properties of natural keratin fibre waste reinforced polypropylene composites, *Asian Journal of Microbiology, Biotechnology & Environmental Sciences*, 19, 29-32. **(Scopus indexed)**
9. Arul, A. R., Manjulavalli, T. E., Venckatesh, R., & Rajkumar, G. (2017) Antibacterial efficiency of modal fabric treated with oxides of ti/si/zn nanocomposites, *Rasayan journal of chemistry*, 10(4), 1455-1461. **(Scopus indexed)**

10. G.Rajkumar, J.Srinivasan, &L.Suvitha. (2015) Natural protein fiber hybrid composites: Effects of fiber ontent and fiber orientation on mechanical, thermal conductivity and water absorption properties. *Journal of Industrial Textiles*, 17(3), 122-134. **(Impact factor: 2.01) (WoS /Scopus indexed)**
11. Rajkumar, G., Srinivasan, J., Mohan Bharathi, C &Kandhavativu, P. (2014). Optimization of process parameters for fabrication of wool fiber reinforced polypropylene composites with respect to mechanical properties. *Journal of Engineered Fibers and Fabrics*, 9(3), 126-133. **(Impact factor: 0.814) (WoS /Scopus indexed)**