

Dr.D.Lenin Singaravelu Journal publications:

1. Characterization of raw and alkali treated new natural cellulosic fibers from *Tridax procumbens* (2019). *International journal of biological macromolecules*, 125, 99-108.
2. Investigation on the mechanical behavior of areca sheath fibers/jute fibers/glass fabrics reinforced hybrid composite for light weight applications (2020). *Journal of Industrial Textiles*, 49(8), 1036-1060.
3. Thermomechanical characterization of *calotropis gigantea* stem powder-filled jute fiber-reinforced epoxy composites (2018). *Journal of Natural Fibers*, 15(5), 648-657.
4. Experimental investigation on the mechanical properties of *Cyperus pangorei* fibers and jute fiber-based natural fiber composites (2016). *International Journal of Polymer Analysis and Characterization*, 21(7), 617-627.
5. Characterization of alkali-treated and untreated natural fibers from the stem of *parthenium hysterophorus* (2019). *Journal of Natural Fibers*, 1-11.
6. Characterization of untreated and alkali treated natural fibers extracted from the stem of *Catharanthus roseus*. (2019). *Materials Research Express*, 6(8), 085406.
7. Characterization of raw and benzoyl chloride treated *Impomea pes-caprae* fibers and its epoxy composites (2019). *Materials Research Express*, 6(9), 095307.
8. Evaluation of *Azadirachta indica* seed/spent *Camellia sinensis* bio-filler based jute fabrics–epoxy composites: experimental and numerical studie (2020). *Journal of Industrial Textiles*, 49(9), 1252-1277.
9. . Influence of wood dust fillers on the mechanical, thermal, water absorption and biodegradation characteristics of jute fiber epoxy composites (2020). *Journal of Polymer Research*, 27(1), 9.
10. Extraction and characterization of vetiver grass (*Chrysopogon zizanioides*) and kenaf fiber (*Hibiscus cannabinus*) as reinforcement materials for epoxy based composite structures (2020). *Journal of Materials Research and Technology*, 9(1), 773-778.
11. Extraction and characterization of natural fiber from stem of *cardiospermum halicababum*.(2019). *Journal of Natural Fibers*, 1-11.
12. Characterization of novel natural fiber from *saccharum bengalense* grass (Sarkanda) (2019). *Journal of Natural Fibers*, 1-9.
13. Characterization of silane-treated and untreated natural fibers from stem of *leucas aspera* (2020). *Journal of Natural Fibers*, 1-17.