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PUBLICATION YEAR-2020

1. Rajeshkumar, G. (2020). An experimental study on the interdependence of mercerization, moisture absorption and mechanical properties of sustainable Phoenix sp. fibre-reinforced epoxy composites. *Journal of Industrial Textiles*, 49(9), 1233-1251.
2. Rajeshkumar, G. (2020). Characterization of surface modified Phoenix sp. fibers for composite reinforcement. *Journal of Natural Fibers*. <https://doi.org/10.1080/15440478.2019.1711284>.
3. Rajeshkumar, G. (2020). A new study on tribological performance of phoenix Sp. fiber-reinforced epoxy composites. *Journal of Natural Fibers*, 1-12. <https://doi.org/10.1080/15440478.2020.1724235>
4. Rajeshkumar, G. (2020). Effect of sodium hydroxide treatment on dry sliding wear behavior of Phoenix sp. fiber reinforced polymer composites. *Journal of Industrial Textiles*, 1528083720918948.
5. Rajeshkumar, G., Ramakrishnan, S., Pugalenth, T., & Ravikumar, P. (2020). Performance of surface modified pineapple leaf fiber and its applications. In *Pineapple leaf fibers* (pp. 309-321). Springer, Singapore.
6. Nagaraja, K. C., Rajanna, S., Prakash, G. S., & Rajeshkumar, G. (2020). Improvement of mechanical and thermal properties of hybrid composites through addition of halloysite nanoclay for light weight structural applications. *Journal of Industrial Textiles*, 1528083720936624.
7. Nagarjun, J., Kanchana, J., & Rajesh Kumar, G. (2020). Improvement of mechanical properties of coir/epoxy composites through hybridization with sisal and palmyra palm fibers. *Journal of Natural Fibers*, 1-10.
8. Nagaraja, K. C., Rajanna, S., Prakash, G. S., & Rajeshkumar, G. (2020). Mechanical properties of polymer matrix composites: Effect of hybridization. *Materials Today: Proceedings*.
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11. Rajeshkumar, G., Harikrishna, A. M., & Ajithkumar, S. (2020). A Comprehensive Review on Manufacturing Methods and Characterization of Al6061 Composites. *Materials Today: Proceedings*, 22, 2597-2605.
12. Nagaraja, K. C., Rajanna, S., Prakash, G. S., & Rajeshkumar, G. (2020). The Role of Stacking Order on Mechanical Properties of Glass/Carbon Reinforced Epoxy Hybrid Composites Prepared by Resin Infusion Technique. *Materials Today: Proceedings*, 22, 2446-2451.
13. Rajeshkumar, G., Elangovan, D., & Rajkumar, V. (2020). Natural Fibers Based Phenolic Hybrid Composites. In *Phenolic Polymers Based Composite Materials* (pp. 77-87). Springer, Singapore.
14. Sumesh, K. R., Kavimani, V., Rajeshkumar, G., Indran, S., & Khan, A. (2020). Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition. *Journal of Industrial Textiles*, 1528083720971344.
15. Ramakrishnan, S., Krishnamurthy, K., Rajeshkumar, G., & Asim, M. (2020). Dynamic Mechanical Properties and Free Vibration Characteristics of Surface Modified Jute Fiber/Nano-Clay Reinforced Epoxy Composites. *Journal of Polymers and the Environment*, 1-13.
16. Rajeshkumar, G., Hariharan, V., Indran, S., Sanjay, M. R., Siengchin, S., Maran, J. P., ... & Karuppiyah, P. (2020). Influence of Sodium Hydroxide (NaOH) Treatment on Mechanical Properties and Morphological Behaviour of Phoenix sp. Fiber/Epoxy Composites. *Journal of Polymers and the Environment*, 1-10.
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PUBLICATION YEAR-2019

1. Ramakrishnan, S., Krishnamurthy, K., Rajasekar, R., & Rajeshkumar, G. (2019). An experimental study on the effect of nano-clay addition on mechanical and water absorption behaviour of jute fibre reinforced epoxy composites. *Journal of Industrial Textiles*, 49(5), 597-620.
2. Velusamy, K., Navaneethakrishnan, P., Rajeshkumar, G., & Sathishkumar, T. P. (2019). The influence of fiber content and length on mechanical and water absorption properties of Calotropis Gigantea fiber reinforced epoxy composites. *Journal of Industrial Textiles*, 48(8), 1274-1290.
3. Kumar, G. R., Hariharan, V., & Saravanakumar, S. S. (2019). Enhancing the free vibration characteristics of epoxy polymers using sustainable phoenix sp. fibers and nano-clay for machine tool applications. *Journal of Natural Fibers*, 1-8.
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2. Nagaraja K.C., Rajanna S, Prakash G. S, & Rajeshkumar G. (2018). Mechanical characterization of fibre-reinforced polymer matrix composites prepared by using RTM technique. *International Journal of Electro Mechanics and Mechanical Behaviour*, 4(2), 13-19

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2. Kavitha, C., Hariharan, V., & Rajeshkumar, G. (2017). Thermogravimetric analysis of Phoenix sp. fibre. *Advances in Natural and Applied Sciences*, 11(8), 53-59.

PUBLICATION YEAR-2016

1. Rajeshkumar, G., Hariharan, V., & Scalici, T. (2016). Effect of NaOH treatment on properties of Phoenix Sp. fiber. *Journal of Natural Fibers*, 13(6), 702-713.
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