Dr. S. Indran

List of publications

1. Sumesh, K.R., Kavimani, V., Rajeshkumar, G., Indran, S. &Anish Khan (2020), Mechanical, water absorption and wear characteristics of novel Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition, Journal of Industrial Textiles, Vol. 1, 1–12.
2. Jenish, I., Sathish Gandhi, V. C., Basavarajappa, S., Indran, S., Divya, D.,Yucheng Liu, Sanjay, M.R. &SuchartSiengchin (2020), Tribo-Mechanical characterization of carbonized coconut shell micro particle reinforced with Cissusquadrangularis stem fiber/ epoxy novel composite for structural application, Journal of Natural Fibers, Vol. 6, 1–17.
3. Rajeshkumar, G., Hariharan, V., Indran, S., Sanjay, M.R., SuchartSiengchin, PrakashMaran, J., Naif Abdullah Al-Dhabi &PonmuruganKaruppiah. (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, Vol. 1, 1–10.
4. GurukarthikBabu, B., Princewinston, D., Saravanakumar, S.S., Anish Khan, P.V. AravindBhaskar, P.V., Indran, S. &Divya, D. (2020), Investigation on the Physicochemical and Mechanical Properties of Novel Alkali-treated Phaseolus vulgaris Fibers, Journal of Natural Fibers, Vol. 6, 1–12.
5. Moshi, AAM., Ravindran, D., SundaraBharathi, S.R., Padma, S.R., Indran, S. &Divya, D. (2020), Characterization of natural cellulosic fiber extracted from Grewiadamine flowering plant's stem, International Journal of Biological Macromolecules, Vol. 164, 1246–1255.
6. Moshi, AAM., Ravindran, D., SundaraBharathi, S.R., Indran, S. &SuganyaPriyadharshini G. (2020), Characterization of surface-modified natural cellulosic fiber extracted from the root of Ficusreligiosa tree, International Journal of Biological Macromolecules, Vol. 156, 997–1006.
7. Moshi, AAM., Ravindran, D., SundaraBharathi, S.R., Indran, S., Saravanakumar, S.S. & Liu, Y. (2020), Characterization of a new cellulosic natural fiber extracted from the root of Ficusreligiosa tree, International Journal of Biological Macromolecules, Vol. 142, 212–221.
8. Divya, D. Gopinatha, L. R. &Indran, S. (2019) Analysis of the effect of enzyme substitution on feedstock to enhance biogas production, International Journal of Research and Analytical Reviews, Vol. 6(2), pp. 964-973.
9. Indran, S., Edwin Raj, R., Daniel, B.S.S. &Binoj, J.S., (2018), “Comprehensive characterization of natural CissusQuadrangularis stem fiber composites as an alternate for conventional FRP composites”, Journal of Bionic Engineering, Vol. 15(5), PP. 914–923.
10. Divya, D., Gopinath, L. R., Sreeremya, S., Indran, S., (2018), “Enhancement of Substrate Decomposition through Potential Hydrolytic Bacteria for Cumulative Biogas Production” International Journal of Applied Science and Biotechnology, Vol. 6(4), PP. 386-396

11. Binoj, J.S., Edwin Raj, R., &Indran, S., (2018).“Characterization of TamarindusIndica fruit fibers as potential alternate for man-made vitreous fibers in polymer composites”, Process Safety and Environmental Protection, Vol. 116, PP. 527–534.
12. Indran, S., Edwin Raj, R., Divya, D. &DarishJeswinDhas, S. (2016) Mechanical characterization of cissusquadrangularis stem/glass fiber hybrid composites, Global Journal for Research Analysis, Vol. 5, pp. 209-211.
13. Indran, S., Edwin Raj, R.,Daniel, B.S.S. &Saravanakumar, S.S. (2015) Cellulose powder treatment on Cissusquadrangularis stem fiber-reinforcement in unsaturated polyester matrix composites, Journal of Reinforced Plastics and Composites, Vol. 35(3), pp. 212-227.
14. Divya, D. Gopinatha, L. R., Indran, S. & Merlin Christy, P. (2015) Enhancement of Biogas Production through Sustainable Feedstock Utilization by Co-Digestion, International Journal of Plant, Animal and Environmental Sciences, Vol. 5(3), pp. 88-94.
15. Indran, S. & Edwin Raj, R. (2015) Characterization of new natural cellulosic fiber from Cissusquadrangularis stem. Carbohydrate Polymers, Vol. 117, pp. 392–399.