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PUBLICATION DETAILS:

1. N. Karthi , **K. Kumaresan** "An Overview: Natural Fiber Reinforced Hybrid Composites, Chemical Treatments and Application Areas", Materials Today: Proceedings, Elsevier Publications, Jan 2020 (accepted for publication)
2. Ashok Kumar R., **K Kumaresan** "A survey on natural Fibers", International Journal of Composite Materials and Matrices, Vol.6 (1), Jan 2020
3. S.Sathish, K.Kumaresan "Experimental Investigation of Mechanical and Morphological Properties of Flax Fiber Reinforced Epoxy Composites Incorporating SiC and Al₂O₃" Materials Today: Proceedings, Elsevier Publications, Accepted for publications. Sep, 2019
4. K.Chinnarasu, **K.Kumaresan** "Influence of end milling process parameters on micro hardness of LM 25 Aluminum alloy" Metalurgija, 58,(3-4), 259-262, 2019
5. S.Sathish, **K.Kumaresan** "Experimental Testing on Mechanical Properties of Various Natural Fibers Reinforced Epoxy Hybrid Composites" International Journal of Pure and Applied Mathematics, 118 (16), 873-888, 2018
6. S.Sathish, **K.Kumaresan**, L.Prabhu "Experimental investigation of mechanical and FTIR analysis of flax fiber/epoxy composites incorporating SiC, Al₂O₃ and graphite" Romanian journal of materials 2018, 48 (4), 476 – 482
7. N. Karthi , **K. Kumaresan** , L. Prabhu "Enhanced fiber strength for harsh exterior environment - an experimental" International Journal of Mechanical and Production Engineering Research and Development vol. 8, special issue 8, Aug 2018, 414-419
8. **K. Kumaresan**, G. Chandramohan, M. Senthilkumar "Effect of silane-treated silicon carbide filler loading on tribo- mechanical study of bi-directional carbon/epoxy hybrid composite system" Journal of Manufacturing Technology Research, vol. 10, 1-2, 2018
9. Jeevanantham P, **Kumaresan K** "Modeling and experimental analysis of Al2219/n-TiC /Gr Powder-based process parameters using desirability Approach and genetic algorithm" Materials and Technology, 2018
10. S.Sathish, **K.Kumaresan**, L.Prabhu, N.Vigneshkumar "Experimental investigation on volume fraction of mechanical and physical properties of Flax and Bamboo fibers reinforced hybrid epoxy composites" Polymers-Polymers composites, Vol.25, No.3, pp:185-192, 2017