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List of Publications for the last 5 years:

1. Mullaikodi, S. M., Sethuvelappan, P., Kamaraj, M., Naveen, E., & Ramanan, N. (2020, September). Development of Hybrid Friction Material for Brake Pad Application. In *IOP Conference Series: Materials Science and Engineering* (Vol. 923, No. 1, p. 012039). IOP Publishing.
2. Periyasamy, P., Kamaraj, M., Balachandar, M., & Ramanan, N. (2020, August). Friction welding of dissimilar aluminium 6061 and SS 430F steel and its characterizations. In *IOP Conference Series: Materials Science and Engineering* (Vol. 912, No. 3, p. 032014). IOP Publishing.
3. Kamaraj, M., Periyasamy, P., Ramanan, N., Vellapan, S., & Venkatasubramanian, M. A. (2020, August). Development of natural fibre reinforced hybrid composites and its characterization. In *IOP Conference Series: Materials Science and Engineering* (Vol. 912, No. 5, p. 052015). IOP Publishing.
4. Kamaraj, M., Vardhan, V. V., Charan, K. S., & Lochan, M. L. (2020, August). Effect of fibre alignment on mechanical properties of natural fibre reinforced polymer composites. In *IOP Conference Series: Materials Science and Engineering* (Vol. 912, No. 5, p. 052002). IOP Publishing.
5. Kamaraj, M., Dodson, E. A., & Datta, S. (2020). Effect of graphene on the properties of flax fabric reinforced epoxy composites. *Advanced Composite Materials*, 1-16.
- Kamaraj, M., Santhanakrishnan, R., & Muthu, E. (2018). An experimental investigation on mechanical properties of SiC particle and sisal fibre reinforced epoxy matrix composites. *MS&E*, 402(1), 012094.
6. Kamaraj, M., Santhanakrishnan, R., & Muthu, E. (2018, August). Investigation of surface roughness and MRR in drilling of Al₂O₃ particle and sisal fibre reinforced

epoxy composites using TOPSIS based Taguchi method. In *IOP Conference Series: Materials Science and Engineering* (Vol. 402, No. 1, p. 012095). IOP Publishing.

7. Kamaraj, M., Chhabria, A. K., Kumar, K., & Kumar, N. Design and Fabrication of Multi-Purpose Farming Tools Equipped Mobility Cycle.
8. Kamaraj, M, 'Experimental Investigation on Mechanical Behaviour of Sand Cast Al 6061-SiCp Metal Matrix Composites', *Journal of Chemical and Pharmaceutical Sciences*, vol. 9, no. 4 (2016), pp. 2933-2935.
9. Kamaraj, M, and Ramesh, A, 'Fabrication and Characterization of Particulate Reinforced LM6 Aluminium alloy Hybrid Composites Processed by Squeeze Casting', *International Journal of Applied Engineering Research*, vol. 10, no. 4 (2015), pp. 10671-10684.
10. Kamara, M., & Ramesh, A. (2015). Effect of squeeze pressure on mechanical properties of LM6 aluminium alloy matrix hybrid composite. *ARPJ. Eng. Appl. Sci*, 10, 6051-6058.
11. Kamaraj, M, and Ramesh, A, 'Fabrication and Characterization of Particulate Reinforced LM6 Aluminium alloy Hybrid Composites Processed by Squeeze Casting', *International Journal of Applied Engineering Research*, vol. 10, no. 4 (2015), pp. 10671-10684.
12. Kamaraj, M, and Ramesh, A, 'Fabrication and Characterization of Particulate Reinforced LM6 Aluminium alloy Hybrid Composites Processed by Squeeze Casting', *International Journal of Applied Engineering Research*, vol. 10, no. 4 (2015), pp. 10671-10684.