## DC MEMBER-2

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- **1. Jeyakumar, R.,** N. Ramachandran, J. Ajay Aravind, M. Ajithkumar, K. Arun Kumar, and M. Dhivakar. "Development and conception of versatile agricultural machine." *Materials Today: Proceedings* (2020).
- **2.** Kaliyaperumal Balasubramanian, **Jeyakumar Rengaraj**, Ramamoorthi Rangasamy, and Soundararajan Ranganathan. *Experimental studies on weldability of Oil Hardening Non Shrinking die steel*. No. 2020-28-0424. SAE Technical Paper, 2020.
- **3. Jeyakumar, R**., Ramamoorthi, R., & Balasubramanian, K. (2020). Mechanical and wear characteristics of glass fiber reinforced modified epoxy nano composites—A review. *Materials Today: Proceedings*.
- 4. **Jeyakumar R**, Balasubramanian K, Ramamoorthi R, Srinath P, Shunmugaraj P, "Reverse gear mechanism in two wheeler for physically challenged people" Paideuma journal, Vol XIII Issue III 2020.
- 5. K.Balasubramanian, **R.Jeyakumar**, R.Ramamoorthi, R.Sivasubramanian and N.Ramachandran, "Enhancement of conventional baby diaper making machine process using Programmable Logic Controller" Paideuma journal, Vol XIII Issue I 2020.
- 6. **R.Jeyakumar**, R.Ramamoorthi, K.Balasubramanian, "Investigation on Mechanical Properties of Coconut Fiber reinforced Polyester Composites" International Journal of Innovative Technology and Exploring Engineering, Volume-8 Issue-7, May, 2019.
- 7. K.Balasubramanian, **R.Jeyakumar** and R.Ramamoorthi , "Development and Characterization of Hybrid Fiber Reinforced Polymer Composites" Indian Journal of Science and Technology, Vol 12, issue16, April 2019.
- 8. R. Ramamoorthi, R. Soundararajan and **R. Jeyakumar**, "Experimental Investigations of Mechanical Properties of Sisal Fiber / Cashew nut shell dust Strengthened Hybrid Epoxy Composites, Indian Journal of Science and Technology, Vol 12, issue 16, May 2019
- 9. **Jeyakumar R**; Sampath P S; Ramamoorthi R , "Structural, morphological and mechanical behaviour of glass fibre reinforced epoxy nanoclay composites" International journal advanced Manufacturing Technology, Volume 93 (2017)

- 10. **R. Jeyakumar,** P. S. Sampath, R. Ramamoorthi, "Investigation on Fatigue Performance of Epoxy / Glass Fibre Polymer Nano Composites, International Journal of Pure and Applied Mathematics, Volume 119, No. 12 2018, 2269-2275
- 11. Ramamoorthi R , **Jeyakumar R** , Samson Jerold Samuel Chelladurai, " Effect of Fillers on Tribological/ Fatigue/Damping and Water Resistance Properties of Polymer Nanocomposites A Review , International Journal of Pure and Applied Mathematics, Volume 119 No. 12 2018, 2073-2078
- 12. **JeyaKumar R**, Sampath P S, Ramamoorthi R, "Dry Sliding Wear Characteristics of Glass Fiber Reinforced Epoxy Composite with Cloisite 93 Nanoclay Filler Material" Asian Journal of Research in Social Sciences and Humanities Vol. 7, No. 1, January 2017, pp. 445-453.
- 13. Ramamoorthi R , **Jeyakumar R** , "Effect of nanoparticles on the improvement of mechanical properties of epoxy based fiber –reinforced composites a review" International journal for science and advance research in technology , VOL 3, Isssue 3 , December 2017.