

## **Publications**

### **Dr.R.GIRI**

1. C.Devanathan, A.SureshBabu , **R.Giri**, A.Azad , Predicting the Tensile strength of Metal Matrix Composites joined by Friction Stir Welding and Optimization of Parameters using Firefly Algorithm, Journal of chinese Mechanical Engineers .(**Annexure I and Scopus Indexed**) ISSUE NO4;VOL.41,PAGE NO 513-520 2020.
2. Devanathan C, Boopathi S, **Giri R**, Shankar E, ; Sivanand A "DEVELOPMENT OF AA 5083 BASED HYBRID SURFACE COMPOSITES VIA FRICTION STIR PROCESSING"Materials Today: proceedings (<https://doi.org/10.1016/j.matpr.2020.07.445>) in press.
3. C.Devanathan, **R.Giri**, A.Sivanand, P.Naresh,, R.Mohan Joining Of AA 6063 To Pure Copper Using Green Welding Technique, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 9, ISSUE 06, JUNE 2020.
4. **Giri, R** (2019),Generating disassembly sequences of mechanical assembly from step-CAD model ,International Journal of Mechanical and ProductionEngineering Research and Development (IJMPERD)  
ISSN (P): 2249-6890; ISSN (E): 2249-8001(Scopus indexed)Vol. 9, Issue 3, Jun 2019, 369-378.
5. **Giri, R.**, &Kanthababu, M. (2015). Generating complete disassembly sequences by utilising two-dimensional views.International Journal of Production Research, 53(17), 5118-5138..(Annexure I and Scopus Indexed