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### **Journal Publications:**

[1] S Ajith Arul Daniel, P Shenbaga Velu, R Kumar, S Vijay Ananth, Numerical analysis of single cylinder engine crankshaft, AIP Conference Proceedings, Vol. 2283, pp. 020116, 2020

[2] R Tharmaraj, N Rajesh Jesudoss Hynes, P Shenbaga Velu, Investigation on friction stud welded AMC/AISI 304 steel joints with ceramic intercoating, Journal of the Brazilian Society of Mechanical Sciences and Engineering, Vol. 42, pp. 1-8, 2020

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- [12] PS Velu NRJ Hynes, Microstructural and mechanical properties on friction welding of dissimilar metals used in motor vehicles, Materials Research Express,Vol.5,pp. 026521,2018
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- [15] N Rajesh Jesudoss Hynes, P Shenbaga Velu, Simulation of friction welding of alumina and steel with aluminum interlayer, The International Journal of Advanced Manufacturing Technology,Vol. 93,pp. 121-127,2017
- [16] N Rajesh Jesudoss Hynes, P Shenbaga Velu, R Kumar, M Karthick Raja, Investigate the influence of bonding temperature in transient liquid phase bonding of SiC and copper, Ceramics International,Vol. 43,pp. 7762-7767,2017

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