

Dr. A.KARPAGARAJ., M.E., Ph.D.


Assistant Professor

Department of Mechanical Engineering,

National Institute Of Technology,

Patna.

List of Publications

1. A Karpagaraj, N Siva Shanmugam, K Sankaranarayananasamy, Experimental investigations and numerical prediction on the effect of shielding area and post flow time in the GTAW of CP Ti sheets. The International Journal of Advanced Manufacturing Technology. , 12 - 2018,1-13, <https://doi.org/10.1007/s00170-018-3135-y>.
2. Karpagaraj, A., Sivashanmugam, N and Sankaranarayananasamy K, Studies on mechanical behaviour and microstructural analysis of tailor welded blanks of Ti-6Al-4V titanium alloy sheet. Journal of Materials Research. 31(14), March - 2016,2186-2196, <https://doi.org/10.1557/jmr.2016.152>.
3. Karpagaraj A, Sivashanmugam N and Sankaranarayananasamy K, Some studies on mechanical properties and microstructural characterization of automated TIG welding of thin commercially pure titanium sheets. Materials Science & Engineering A. 640, June - 2015,180-189, <https://doi.org/10.1016/j.msea.2015.05.056>.
4. B Sutharson, M Rajendran, R Sarala, A Karapagaraj, Experimental investigation of oven cured jute fiber/glass reinforced polyester composites. International Journal of Mechanical and Materials Engineering. 7(3), Jan - 2013,192-195, ISSN: 2198-2791.
5. B Sutharson, M Rajendran, A Karapagaraj, Optimization of natural fiber/glass reinforced polyester hybrid composites laminate using Taguchi methodology. International Journal of Materials and Biomaterials Applications. 2(1) - 2012,1-4, ISSN 2249  9679 .