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Publications

(a) International Journals:

N.Babu, N Karunakaran, V Balasubramanian, "Numerical predictions and experimental investigation of the temperature distribution of friction stir welded AA 5059 aluminium alloy joints.", International Journal of Materials Research (formerly Zeitschrift fuer Metallkunde) , Volume 108, Number 1, 2017, pp. 68-75. 2017.

N.Babu, N. Karunakaran R. Susenthirar, "Microstructural and Mechanical Properties of Solid State Welded Dissimilar Aluminium Alloy Joints.", Int. J. Chem. Sci, Volume 14, Number s4, 2016, pp. 1-9. 1-9.

N.Babu, N. Karunakaran and V. Balasubramanian, A study to estimate the tensile strength of friction stir welded AA 5059 aluminium alloy joints. The International Journal of Advanced Manufacturing Technology. Vol. 79 No 1- 4 , 2015. (ISSN 0268-3768) (Impact Factor - 1.75)

N.Babu, N. Karunakaran and V. Balasubramanian, Comparative Study of Microstructure and Mechanical Properties of Fusion and Solid State Welded of AA5059 Aluminium Alloy Joints, International Journal of Applied Engineering Research, Vol. 10 No 49 pp 506-511, 2015. (ISSN 0973-4562)

N.Babu, N. Karunakaran and V. Balasubramanian,” Development of finite element model to predict temperature and residual stress distribution in gas tungsten arc welded AA 5059 aluminum alloy joints” Advances in Manufacturing Processes, Lecture Notes in Mechanical Engineering(Springer Publication) Paper Accepted (Under Press).

N.Babu, V.Subravel,” Influence of Arc Oscillation Frequency on Tensile Properties and Microstructural Characteristics of Magnetic Arc Oscillation Welded “ Journal of Material Science(JMSC) Under Review (Submission ID JMSC-D-19- 00987).

(b) National Journals:

N.Babu, V.Subravel, STUDY ON FUSION ZONE CHARACTERISTICS OF GTA WELDED AZ 31B MAGNESIUM ALLOY JOINTS” Journal of Manufacturing Engineering, Volume 13, No 4 – December 2018, pp230-235.