

# LIST OF PUBLICATIONS

---

## (a) Papers in Journals (Published)

- (1) Saadat Ali Rizvi ,S.P.Tewari, Multi-Objective Optimization by Application of Taguchi Based Grey Relational Analysis for GMA Welding of IS2062 Structural Steel” Mechanics and Mechanical Engineering ,Vol. 21, No. 3 (2017) (SCOPUS Indexed Journal),717-729.
- (2)Saadat Ali Rizvi ,S.P.Tewari, Effect of different Welding Parameters on the mechanical and microstructural properties of Stainless Steel 304H welded joints, International Journal of Engineering” Vol.30, No.10 (2017) (SCOPUS Indexed Journal),1510-1516
- (3) Saadat Ali Rizvi, S.P Tewari, Optimization of Gas Metal Arc welding parameters of SS304 austenitic steel by Taguchi –Grey relational analysis, Journal of Computational and Applied Research in Mechanical Engineering (JCARME), Vol. 7, No 2,2018, (SCOPUS Indexed Journal),189-198
- (4)Saadat Ali Rizvi ,S.P.Tewari, Effect of shielding gas flow rate on mechanical and microstructure of structural steel (IS2062) welds, Mechanics and Mechanical Engineering, Vol. 21, No.4 ,2018 (SCOPUS Indexed Journal),971-984
- (5) Saadat Ali Rizvi, S.P Tewari, Application of Taguchi Technique to optimize the process parameters of MIG wedging on IS2062 steel, International Journal on Emerging Trends in Mechanical & Production Engineering, Vol. 2, Issue 2 (2016) ,1-11.
- (6) Saadat Ali Rizvi ,S.P.Tewari, Weldability of Steel and its Alloys under different conditions- A Review, International Journal of Science Engineering and Technology Research, 2013, 539-550
- (7) Saadat Ali Rizvi, S.P.Tewari, Effect of Shielding gases on the weld quality in GTA and GMA welding -A Review, Elixir International Journal 88(2015), 36692-36698.
- (8) Saadat Ali Rizvi, S.P.Tewari, Wajahat Ali, Some study of Friction Stir Welding –A Review, International Journal of Research, 2015, Vol. 2 Issue 2, 1440-1457.

(9) Rajnish Singh, S.P Tewari, Saadat Ali Rizvi, Design and Fabrication of Friction Stir Welding Fixture with a New Approach, Elixir International Journal Vol.86 (2015) 34844-34846

(10) Rajnish Singh,S.P Tewari ,Saadat Ali Rizvi, Effect of friction stir welding on the tensile properties of AA6063 under different conditions, International Journal of Engineering, Vol.3, No. 3 (2017) 433-440 (SCOPUS Indexed Journal)

**(b) Papers in Journals (Accepted or communicated)**

(1) Saadat Ali Rizvi,S.P.Tewari, Parametric optimization of the process parameters of SS 304H GMA welded joint by grey-fuzzy based Taguchi technique,(SCI Indexed Journal)

(2) Saadat Ali Rizvi,S.P.Tewari, Experimental Investigation of Weld Bead Impact Strength and Microstructure characterization of IS 2062 steel MIG Welded joint, Jordan Journal of Mechanical and Industrial Engineering, (SCOPUS Indexed Journal)