

List of Publications

International Journal

Dipali Pandya, Amarish Badgujar, Nilesh Ghetiya, (2021) A Novel perception towards welding of Stainless Steel by Activated TIG welding: A review Materials and Manufacturing Processes (Taylor & Francis) ,36(8), 877-903.

DOI: 10.1080/10426914.2020.1854467 .

Dipali Pandya, Amarish Badgujar, Nilesh Ghetiya, Effect of Hydrogen additions to shielding gas on Activated TIG Austenitic stainless steel weld, material today proceedings (ELSEVIER), 2021, 47(4), 1025-1029. DOI: 10.1016/j.matpr.2021.05.569

Dipali Pandya, Amarish Badgujar Characterization of duplex stainless steel weld by Activated TIG welding and its variants, UGC approved, International Journal for Research in Engineering Application & Management (IJREAM), 2022, 7(10), 89-93.

DOI: https://www.ijream.org/IJREAM_V07I10.html

Dipali Pandya, Amarish Badgujar, Nilesh Ghetiya, Ankit Oza, Characterization and optimization of duplex stainless steel welded by activated tungsten inert gas welding process, International Journal on Interactive Design and Manufacturing (Springer), UNDER REVISION.

Navrachana University Journal

D.P. Pandya and A.D. Badgujar Optimization of Weld Bead Geometry for Flux Bounded Tungsten Inert Gas Welding of 316L Stainless Steel, Interwoven: An Interdisciplinary Journal of Navrachana University, Vol. 2, Issue 2, February 2020. nuv.ac.in/interwoven-an-interdisciplinary-journal/#1581496506632-bdd217d5-f3a6

International conference

D.P. Pandya, A. D. Badgujar, N. D. Ghetiya “Multi-objective optimization of activated TIG welding process parameters using promethee” International Conference on Production, Mechanical and Automobile Engineering (ICPMAE 2017) Organized by Technical research organization, Gujarat, March 2017 ISBN: 978-93-85225-88-8, PP 25-30.

D. P. Pandya, A. D. Badgujar, N. Ghetiya Multi-Objective Optimization on the basis of ratio analysis (MOORA) method for Activated TIG welded Stainless Steel Plate International Conference on Emerging Trends in Engineering, Technology, Science and Management IIMT college of engineering, Noida, April 2017 ISBN: 978-93-86171-38-2.

D. P. Pandya, A. D. Badgujar Sustainable stainless steel weld with novel approach of electromagnetic stirring on Activated TIG welding, third international multidisciplinary research conference, Osmania University, Hyderabad, September 2020, ISBN: 978-93-90103-07-2.