### List of Publications

### Journals – (National/International):-

* 2018: Journal of Materials Today Proceeding, Elsevier, “Microstructural, Mechanical and Corrosion behavior of dissimilar welding of Cr-Mn ASS and 304 ASS using 316L electrode”, Vol. 5(2018), 8307-8318.
* 2016: Journal of Materials Science and Engineering, “An Overview of Welded Low Nickel Chrome-Manganese Austenitic and Ferritic Stainless Steel”, Vol. 5(2016), doi:10.4172/2169-0022.1000231.
* 2015: International Journal of Applied Engineering Research, Research India Publications, “Evaluating effect of 4th Pass of SMAW and TIG welding on corrosion rate, microstructure and HAZ of Low Carbon Steel”, Vol. 10(71) (2015), 513-517.
* 2015: International Journal on Recent and Innovation Trends in Computing and Communication, “Finite Element Analysis of Residual Stresses in Shield Metal Arc Welding of Ferritic Stainless Steel – A Review”, Vol. 3(2) (2015), 188-191.
* 2015: International Journal of Engineering Research and General Science, “Finite Element Analysis of Residual Stresses on Ferritic Stainless Steel using Shield Metal Arc Welding”, Vol. 3(2) (2015), 188-191, 1131-1137.
* 2014: Journal of Procedia Material Science, Elsevier, “Thermo-mechanical analysis of multi-pass bead on plate welding” Vol. 5(2014), 2522-2531.
* 2014: International Journal Of Pure And Applied Research In Engineering And Technology, “Effect Of Welding Heat On Microstructural And Tensile Properties Of Ferritic Stainless Steel And Mild Steel”, Vol. 2(2014), 115-122.
* 2014: International Journal Of Pure And Applied Research In Engineering And Technology, “Effect Of Welding Heat On Ferritic Stainless Steel”, Vol. 2(2014), 107-114.
* 2013: International Journal of Advances Materials Manufacturing and Characterization (IJMMC), “Literature Review on Analysis of Sensitization and Corrosion of FSS by different welding processes” , Vol. 3(2013), 263-268.
* 2013: International Journal of Advances Materials Manufacturing and Characterization (IJMMC), “Literature Review on Finite Element Analysis of Temperature Distribution in Heat affected zone by different welding processes”, Vol. 3(2013), 285-290.
* 2013: International Journal of Mechanical Engineering Research (IJMER), “A Literature Review on Sensitization and corrosion of 409M FSS by different welding” Vol. 3(2013), 86-90.
* 2013: International Journal of Mechanical Engineering Research (IJMER), “A Review on Finite Element Analysis of temperature distribution in welding processes” Vol. 3(2013), 22-26.
* 2012: International Journal of system, Algorithms and Applications(IJSAA), “Microstructure Analysis of effect of Welding Heat on Mild Steel, Vol. 2(2012), ISSN 2277-2677.
* 2012: International Journal of Multidisciplinary Research(IJMR), “Effect of SMAW and MIG on Microstructure of an 409M Stainless steel to find out HAZ, Comparative study”, Vol. 1(2012), ISSN 2277-9302.
* 2012: International Journal of Multidisciplinary Research(IJMR), “Experimental Investigation of Heat Affected zone of Low Carbon Steel by TIG and MIG Welding”, Vol.1(2012), ISSN 2277-9302.

**INTERNATIONAL CONFERENCES**

* 2019: International conference on Recent Advances in Material Chemistry, Presented Paper Title: “Design and abrication of water jet machining based PCB maker in friendly environment”, on 18-19 Jan. 2019, organized by **SRM University, Kattankulathur, Tamilnadu**.
* 2019: International conference on Energy and Environmental Challenges, Presented Paper Title: “Design and abrication of water jet machining based PCB maker in friendly environment”, on 18-19 Jan. 2019, organized by **VNIT, Nagpur**.
* 2019: International conference on Energy and Environmental Challenges, Presented Paper Title: “Prototyping and Investigation of Abrasive Jet machine Using Taguchi Method in friendly environment”, on 18-19 Jan. 2019, organized by **VNIT, Nagpur**.
* 2018: International conference on Corrosion Symposium 2018, NACE Corsym-2018, Presented Paper Title: “Effect of Welding processes on Intergranular corrosion of Ultra Low Nickel Chromium Manganese Austenitic stainless steel”, on 23-24 March 2018, organized by **IIT Chennai**.
* 2017: International conference on Advances in Steel, Power and Construction Technology on “A Review on, Thermo-mechanical analysis of Austenitic Stainless Steel with different welding process”, organized by **OP Jindal University**, Raigarh, Chhattisgarh, 22-23 March 2017.

* 2017: International conference on Emerging Trends in Material and Manufacturing Engineering on “Microstructural, Mechanical and Corrosion behavior of dissimilar welding of Cr-Mn ASS and 304 ASS using 316L electrode”, organized by **NIT Tiruchirapalli**, Tamil Nadu, 10-12 March 2017.
* 2016: International conference on Trends in Industrial and Mechanical Engineering on “An Overview of Welded Low Nickel Cr-Mn ASS and Ferritic Stainless Steel”, organized by **NIT**, Bhopal, 4-6 Feb. 2016.

* 2015: International conference on Design, Manufacturing and Mechatronics “Evaluating effect of 4th pass of SMAW and TIG welding on corrosion rate, microstructure and HAZ of low carbon steel” organized by **KJ college of Engineering and Management Research, Pune** 11-13 Feb. 2015.
* 2015: International conference on Advances in Engineering and Technology on “Finite Element Analysis of Residual Stresses in Shield Metal Arc Welding of Ferritic Stainless Steel – A Review” organized by Anjuman college of Engineering and Technology, 25-26 Feb. 2015.
* 2014: International Conference on advances in Civil and Mechanical Engineering system, “Review on effect of various welding process on ferritic stainless steel”, Organized by **Govt. college of Engineering, Amaravati association with SVNIT, Surat,** 18-20 Dec. 2014.
* 2014: Research Scholars’ Day on “Effect of welding heat input on HAZ and corrosion behavior of Ferritic stainless steel 409M in sulphuric acid solutions” organized by **VNIT, Nagpur**, 20th Sept. 2014.

* 2014: International Symposium for Research Scholars (ISRS) 2014, **IIT Chennai**, Presented Paper Title: Effect of welding passes on tensile and corrosion behavior of 409M Ferritic stainless steel, 11-13 December 2014.
* 2014: European Corrosion Congress, EUROCORR-2014, **Pisa, Italy**, Presented Paper Title: Effect of welding Heat on corrosion behavior of 409M Ferritic Stainless Steel. 8-12 September 2014.
* 2014: International Conference on Electrochemical science and Technology, ICONEST 2014, **IISc**, Bengaluru, Presented Paper Title: Effect of Welding processes on corrosion behavior of 409M Ferritic stainless steel in 3.5% NaCl solution, 7-9 August 2014.
* 2014: International conference on Advances in Manufacturing and Material Engineering on “Thermo-mechanical analysis of multi-pass bead-on-plate welding”, organized by **NIT Surathkal** Mangalore, Karnataka, from 27-29 March

* 2014: International conference on Corrosion Symposium 2014, NACE Corsym-2014, **IIT Bombay**, Presented Paper Title: Effect of Welding processes on corrosion of 409M Ferritic stainless steel.
* 2012: International conference on Interdisciplinary Research and Development in Management, Engineering, Technology and Social sciences on “Effect of SMAW and MIG on microstructure of an 409M Stainless Steel to find out HAZ, Comparative study”, organized CIMSR, Pune, at Hotel Tuli Imperial Nagpur, 28-29th April 2012.
* 2012: International conference on Interdisciplinary Research and Development in Management, Engineering, Technology and Social sciences on “Experimental Investigation of heat affected zone of low carbon steel by TIG and MIG welding”, organized CIMSR, Pune, at Hotel Tuli Imperial Nagpur, 28-29th April 2012.
* 2011: International conference on Sustainable Manufacturing, ICSM 2011, **BITS Pilani**, Rajasthan. Presented Paper Title: Experimental Investigation on Effect of SMAW and TIG Welding Heat on Mild Steel: Comparative Analysis.
* 2011: International Conference on Industrial Engineering ICIE 2011, **SVNIT Surat**, Gujrat, Presented Paper Title: Experimental Investigation of heat affect on mild steel by TIG welding, 17-19 Nov. 2011
* 2011: International Conference on Industrial Engineering ICIE 2011, **SVNIT Surat**, Gujrat, Presented Paper Title: Analysis of Failures in the different zone of the Boiler: An Experimental Approach, 17-19 Nov. 2011
* 2011: International conference on Technology and Management ICTM 2011 (IRDO), Hyderabad. Presented Paper Title: Microstructure Analysis of Effect of Welding Heat on Mild Steel.
* 2010: International conference on Current trends in Technology, NUiCONE 2010, **Nirma Universty**, Ahmedabad, Gujrat, Presented Paper Title:- Finite Element Analysis of Air Engine Piston

### NATIONAL CONFERENCES: -

* 2013: National Conference on Innovative Paradigms in Engineering and Technology, NCIPET-2013, on “Finite Element Analysis of Temperature Distribution in Heat Affected Zone by Different Welding Process: Review”, by S.B. Jain Institute of Technology, Nagpur, 17th Feb. 2013.
* 2013: National Conference on Innovative Paradigms in Engineering and Technology, NCIPET-2013, “ A Literature Review on Sensitization and corrosion of 409M FSS by different welding”, by S.B. Jain Institute of Technology, Nagpur 17th Feb. 2013.
* 2011: National Conference on Advances in Mechanical science on “Effect of welding on Microstructure of Mild steel”, by Govt. College of Technology, Coimbatore, 1st April 2011.
* 2010: National Conference on Recent trends in Mechanical Engineering on “Redesign of 4-Cylider Diesel Engine Head” by Datta Meghe College of Engineering, Airoli, Navi Mumbai, 28-29th August 2010.