

## CHAPTER - 10

### PUBLICATIONS AND RECOGNITIONS

- P.K. Nanavati and Sanjay N Soman, (2018); An Experimental Comparative Review of Ferrite Measurement Techniques used in Duplex Stainless Steel (UNS S32205) Welds, Indian Welding Journal Volume 51 No. 2, April 2018, pp. 51-19.
- Research Paper Entitled “Some pitfalls in Ferrite Measurement techniques used in Duplex stainless steel (UNS S32205) Welds”, accepted for presentation in International Institute of Welding (IIW) International conference, Denpasar, Bali, Indonesia during July 19-20, 2018
- The author is awarded financial support by GUJCOST-DST under Minor Research Project Scheme award of Research grant (2014-15.) Ref. GUJCOST Letter Dated 30th March 2015. PhD work is the outcome of GUJCOST-DST.
- Research paper id II C 548-18 entitled as “Effect of Ferrite content on Mechanical properties and Stress Corrosion cracking resistance in 22 Cr 5 Ni Duplex Stainless steel welded joints”. Presented by Mentor & Co-author, Dr. Damian Kotecki, Welding Consultant, USA at IIW Sub commission meeting during 5-7 March 2018, held in Genoa, Italy.
- Research paper id II C 548-18 entitled as “Effect of Ferrite content on mechanical properties and Stress Corrosion cracking resistance in 22 Cr 5 Ni Duplex Stainless steel welded joints” accepted for presentation in IIW Annual assembly meeting in Bali , Denpasar, Indonesia during afternoon session on Tuesday, 17 July, 2018 14:00 to 18:00 p.m. and recommended for publications in “*Welding in the World*” IIW-Springer.
- An experimental investigation of minimum ferrite content required in UNS S2205 Duplex Stainless Steel weld metals to meet mechanical property and chloride SCC resistance, presented in National Welding Meet on August 3<sup>rd</sup>, 2018 in Hotel Surya, Baroda
- Corrosion behaviour of Duplex SS Welds at low ferrite content presented in two days symposium on Corrosion monitoring and its Control, SCIC-2018, during 3<sup>rd</sup> October 2018 in F.T.E.D , The M.S.University of Baroda, Baroda.