

EDITORIAL

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Volume 53 Number 1 issue of Indian Welding Journal is now ready to get published in the **New Year 2020**. Hope for the best in this **New Year 2020!**

In this New Year 2020, the **5th International Congress, IC 2020** is being organized on **February 06-08, 2020 in Mumbai** by The Indian Institute of Welding. Along with this, there will be **13th Welding Technology Exhibition, Weld India 2020** that will be held on **February 07-09, 2020**. Also **Young Welding Professionals' International Conference (YPIC 2020)** will be held there. Welding fraternity of India and abroad are requested to participate in large number in these events to make these a grand success.

Reports of different activities of IIW-India Branches and Sections are there in this January 2020 issue as usual so also the section of American Welding Society (AWS).

"Tit Bit in Welding" column of this issue consists of two articles. One is written by Mr. S.K. Gupta bearing the title, **"An Approach to Best Welding Practice: Part– XVII"** and the second one is written by Dr. Saadat Ali Rizvi and Wajahat Ali on **"Welding Defects, Causes and Their Remedies: A Review"**. The first write up is focused on process quality aspects by using selected key indices, calculating the values of the indices for different joint profiles, setting up upper and lower limits for acceptance, monitoring and controlling to ensure desired process quality, while the 2nd article reviews different welding defects, their causes and possible remedies. Hope these articles will be beneficial for the welding fraternity. Contributors to this column are duly acknowledged.

Apart from two Tit Bit in Welding articles, there are one **Award article** and three research articles being published in this issue. The Award article is corresponding to **Prof. Placid Rodriguez Memorial Lecture-2018** delivered by Dr. S. Malarvizhi on **"Wire Arc Additive Manufacturing by Cold Metal Transferred (CMT) Arc Welding Process"**. Three research articles being published are: **"Development of a Mathematical Model for Predicting Angular Distortion in Butt Welded Stainless Steel 409M Plates in GMAW Process"** authored by Pradeep Khanna and Sachin Maheshwari, **"Optimization of Parameters for Welding of Spark Plug Detector"** contributed by M. Anandaraj, P. Parameswaran, S. Krishnakumar, T. Ezhilarasi, V. Thomas Paul, R. Thirumurugesan, S. Chandramouli, V. Ramakrishnan, G. Padmakumar, Shaju K Albert, B.K. Nashine, V. Prakash and P. Selvaraj and **"Effect of Welding Process Parameters on Toughness and Microstructure Characterization of IS 2062 Grade A Structural Steel Weldment"** authored by Dr. Saadat Ali Rizvi.

Prospective authors are invited to submit research articles, case studies, etc. for the Contributory article section, or for the column, "Tit Bit in Welding", following Author Guideline available in www.iiwindia.com. All the articles are to send to the Chief Editor through email (ID: iwj.iiw@gmail.com) both in MS-Word and pdf file format.

Everybody is requested to please surf the archive of IWJ through the website, <http://www.i-scholar.in/index.php/IWJ>. Abstracting of published articles is done by EBSCO-USA, CrossRef-USA, Indian Citation Index (ICI), i-Scholar and j-Gate.

Suggestions from the readers are requested for further improvement of the journal.



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