

EDITORIAL

While the colourful Spring is bidding the adieu, Volume 52, No.2 April 2019 issue of Indian Welding Journal is being brought out. With frequent cuckoo sound being heard around, the sun is also set to come out with its full energy in the ensuing summer in the Baishakh of the New Year. The Indian Institute of Welding with its dynamism is expanding its activities with youthful zeal. **IC 2020** - an International event, is being organized in the year to come, hosted by the Mumbai Branch of The Indian Institute of Welding. Organizing Committee Members are gearing up to conduct this prestigious event successfully. It is requested to follow its detail through its website. www.iwindia.com.

The Editor is extremely happy to find the Indian Welding Journal included in the List of UGC (University Grant Commission) Approved Journals. Assigning **DOI (Digital Object Identifier)** and **Plagiarism Checking** through Crossref of iThenticate system are being continued as a standard system followed internationally. We allow a maximum of 10% of similarity content for a contributed article.

Reports of different activities of branches of IIW-India and its sections are there as a regular feature. The column, **"Tit Bit in Welding"** consists of one article: **"An Approach to Best Welding Practice: Part-XIV"** written by Mr. S.K. Gupta that deals with the Safety Aspects of Welding, especially on the issues of Ergonomical hazards for fusion welding processes to obtain the best possible Accident Free shop floor operation. I sincerely acknowledge the contributions of Mr. Gupta for this 15th article in a series.

Five contributory research papers are published in this issue. First One is on **"Optimization of Application Techniques for Quenched and Tempered Steel - S550Q"** by K. Prakash, R. Kumar and Dr. M.V. Venkatesan of Larsen & Toubro Limited. This one is an extended version of the paper presented at the IC-2017 held in Chennai. The second one is contributed by Bijaya Kumar Khamari, Swapan Kumar Karak and B.B. Biswal of NIT, Rourkela and it is on **"Relation between Different Process Parameters in Gas Metal Arc Welding"**. Arun Kumar Paul of Electronics Devices World Wide Private Limited, Mumbai wrote the next paper on **"Arc Controllers for TIG Welding Applications: A Review"**. The 4th article entitled, **"Solidification Behavior of Duplex Stainless Steel (UNS S32205) Welds as a Function of WRC-1992 Diagram Equivalents and Cooling rate"**, is contributed by Purvesh K. Nanavati and Sanjay N. Soman, and the last one is on **"Analysis of Mechanical and Metallurgical Properties of Friction Welded ASTM A106 Gr. B Carbon Steel Pipe Joints by Varying Upset Pressures"** authored by Sk. Abdul Khadeer, P. Ramesh Babu, B. Ravi Kumar and A. Seshu Kumar.

Prospective authors are requested to contribute research articles, case studies, etc. for the Contributory article section or for the column, **"Tit Bit in Welding"** as the case may be, following Author Guideline available in www.iwindia.com. All the articles are to send to the **Chief Editor** through email (**ID: iwj.iw@gmail.com**) both in MS-word and pdf files.

Publication cost of the Journal is increasing these days. To meet this enhanced expenditure, I request different organizations/persons to explore the possibility of publishing advertisements of their products, etc. We also try to restrict number of coloured pages containing photographs of different activities of IIW-India. Hope readers will accept the same.

Since Volume 1 1968, published articles of the IWJ are digitized and are put in the archive of IWJ in i-scholar platform in <http://www.i-scholar.in/index.php/IWJ> web page. A DOI allotted for an article looks like: <http://doi.org/10.22486/iwj/2019/v52/i2/181776>. With this DOI, one can trace the article through internet search.

I request your constructive suggestions for betterment of the journal.



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