

EDITORIAL

Volume 52 of Indian Welding Journal is being published with its first issue in the New Year 2019. Hope this New-Year issue will be liked by the welding fraternity.

The annual event, **National Welding Seminar 2018 (NWS-2018)**, has just been successfully organised on December 13-15, 2018 at Kochi, Kerala. Large participation of persons related to welding and allied processes was witnessed in this seminar.

Reports of activities of different branches and sections of IIW-India are included in this January 2019 issue as usual. Section of American Welding Society (AWS) is also there as a regular feature.

"Tit Bit in Welding" column of this issue is written by Mr. S. K. Gupta bearing the title, **"An Approach to Best Welding Practice : Part – XIII"**. This write up is focused on gases and fumes generated, especially for arc welding, to obtain the best results in shop floor operation. His continued contribution to this column is acknowledged thankfully.

Five research papers are published in this issue. Among them, four articles are extended versions of papers presented in International Congress 2017 held in Chennai. They are listed in the following: **"A comparative study between linear and nonlinear regression analysis for prediction of weld penetration profile in AC waveform submerged arc welding of heat resistant steel"**, **"Finite element based transient heat transfer analysis of Ti2AlNb electron beam welds using hybrid volumetric heat source"**, **"Study on effect of weld cooling rate on fusion zone microstructure and solidification cracks in 316L austenitic stainless steel"**, and **"Arc behavior study using welding current module and its impact on residual stress and weld bead in anti-phase synchronized twin-wire gas metal arc welding"**. The other paper is a regular submission, and it is on **"Dilution control in SMAW & GTAW welds involving low alloy steel, ferritic stainless steels & nickel based alloys"**.

Forthcoming event is the **AWS Lecture Series IX** organised by IIW-India Foundation at Vadodara, Delhi, Kochi, Chennai and Mumbai during February 05 - 15, 2019. Mr. Brian Gaal would deliver the lecture on "Welding of Nickel & Nickel Alloys". Hope Welding personnel from India would be benefitted from this lecture.

Another mega event is **IC-2020**, 5th International Congress being held in Mumbai on February 07-09, 2020 along with the 13th Welding Technology Exhibition (**WELD INDIA 2020**) and **YPIC 2020** (Young Professionals International Congress). Details are available in www.iwindia.com

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.iwindia.com. All the articles are to send to the Chief Editor through email (ID: iwj.iiv@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, Indian Citation Index (ICI), i-Scholar and j-Gate. This journal is also there in the list of approved journals of the UGC (University Grants Commission), New Delhi, India.

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



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