



**Prof. Dr. Santanu Das**  
Chief Editor  
Email: [iwj@iiwindia.com](mailto:iwj@iiwindia.com);  
[iwj.iw@gmail.com](mailto:iwj.iw@gmail.com)

As of last few issues, Volume 55, No.1, January 2022 issue of Indian Welding Journal is made available in the flip book format in the website of IIW-India. Any interested person may please go through the flip book version of the journal to get awareness about different practices and advancements in the areas of welding and cutting. Now, after the National Welding Seminar 2021-22 held at Pune, **Volume 55, No.2, April 2022 Issue of Indian Welding Journal** is being published amidst scorching sun when Covid-19 situation has become insignificant. Different establishments including the academic arena are readily coming to near normalcy with a fresh lease of life.

Thanks to Pune Branch who made National Welding Seminar 2021-22 happen in fully offline mode during May 05-07 2022. Symbiosis Skills and Professional University, Pune has been associated in organizing the event at its own campus. Some unique features were there in this NWS 2021-22. First time, plenary sessions on Women Power in Welding, National Welding Capability and Young Professionals in Welding were organized; also a Visionary Talk Session was arranged. On the whole, this offline NWS 2021-22 was a grand success.

Concise reports of different online as well as offline events that are being arranged by Branches, Sections and Chapters of IIW-India are included in this issue. AWS Section as received from the American Welding Society (AWS) is there as a separate section of this Journal as it is published in the technical association with AWS.

Mr. Samir Kumar Gupta has contributed his twenty-fifth **"Tit Bit in Welding"** article to this journal with the title, **"An Approach to Best Welding Practice: Part-XXI- Section III-B-IVb"**. This article focuses on the "Generation and Computer based Storage of Welding Data on SAW Process for Fabrication. It is required as a Working Guideline for Planning Engineers, Welding Coordinators and Quality Managers working in an Engineering Fabrication Plant using welding as the main manufacturing process." The second article under the column, Tit Bit in Welding, is contributed by Dr. Mahadev Shome. He wrote on **"Gas Metal Arc Welding- Simplified Perspective of Power Sources (Part I)"**. The third article in this column is on **"Advantages Offered by Electrochemical Weld Cleaning"** written by Mr. Keyur Sanghvi focussing on a relatively new area.

Venus Wires Award 2020 was awarded to Shri Krishna Tripathi, M.V. Kuppusamy and S. Athmalingam of Quality Assurance Division, Indira Gandhi Centre for Atomic Research, Kalpakkam for their paper on **"Qualification of critical weld joints for dynamically balanced nuclear component"**. This award paper is published in this issue.

There are two Contributory articles that are:

- 1) on **"Metallurgical and Microhardness Investigations of Ferritic Stainless Steel 409M Welds"** by Pradeep Khanna of New Delhi and
- 2) on **"Effect of Rotatory Arc Welding Technology on Metallurgical and Mechanical Performance of Armour Grade Steel Joints"** by N. Sankar, S. Malarvizhi, V. Balasubramanian, A. Hafeezur Rahman and V. Balaguru, the team comprising of the persons from Centre for Materials Joining and Research (CEMAJOR), Annamalai University, Annamalainagar and Combat Vehicles Research & Development Establishment (CVRDE), DRDO, Avadi, Chennai.

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](http://www.iiwindia.com). All the articles are to send to the Chief Editor through email (ID: [iwj@iiwindia.com](mailto:iwj@iiwindia.com) and [iwj.iw@gmail.com](mailto:iwj.iw@gmail.com)) both in MS-Word and pdf file format mentioning the ORCID number of each author.

Everybody is requested to please surf the archive of IWJ through the website, <http://www.ischolar.info/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. Please stay safe.

May 20 2022