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Within the scorching summer, **Volume 56, No.2, April 2023 Issue of Indian Welding Journal** is being published when rain is about to step in the southern part of India. Volume 56, No.1, January 2023 issue of Indian Welding Journal is 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 concerning welding, joining and cutting.

Concise reports of different events that have been arranged by Branches, Sections and Chapters of IIW-India are placed in this issue as usual. 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. Rituraj Bose**, the Honorary Secretary General of The Indian Institute of Welding, has contributed the first **"Tit Bit in Welding"** article to this journal with the title, **"Quality 4.0 and welding in digital era"**. This article focuses on salient features of Quality 4.0 that involves Inspection and Quality Control to be done mainly through automated visual inspection system done remotely, applying process gauges and Artificial Intelligence based evaluation. The second article under **"Tit Bit in Welding"** column is contributed by a Group from the Department of Mechanical Engineering, Techno Main Salt Lake, Kolkata. They wrote on **"Re-assimilation and reuse of industrial scarp mechanical components to design and fabricate the idol of Vishwakarma by primary manufacturing processes, mainly welding"**.

A new section under "Tit Bit in Welding" column is introduced in this issue namely, **"News Capsules"**. This section includes few industrial achievements in the area of welding and fabrication, etc. Hope this information will be well taken by the readers.

There are two Contributory articles that are:

- 1) on **"Underwater welding - its mechanism, challenges, risks and recent advancements"** by A. K. Vaish, Ritesh Patel, J. Krishnan, B. J. Chauhan, S. D. Kahar, K. M. Bhaisaheb and Ankit Bhojani of the Department of Metallurgical and Materials Engineering, The M.S. University of Baroda, Vadodara and
- 2) on **"Influence of AC frequency, current and stand-off distance on bead profile in AC TIG welding of aluminium"** by Debabrata Roy and Santanu Das of the Department of Mechanical Engineering, Kalyani Government Engineering College, Kalyani.

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, <https://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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