DOI: 10.22486/iwj.v55i4.217826 ORCID: Santanu Das: http://orcid.org/0000-0001-9085-3450



Prof. Dr. Santanu Das Chief Editor Email: iwj@iiwindia.com; iwj.iiw@gmail.com

Volume 55 Number 4 October 2022 issue of Indian Welding Journal is now ready for its publication with the winter knocking at the door. After the long pandemic situation, the economy is showing some signal for its revival. Let us hope for the best.

During January 19-21, 2023, National Welding Seminar 2022 will be held at Chennal. Hope it will be a grand success with active participation and patronage of all concerned. Meanwhile, National Welding Meet 2022 has also been organised at Cochin during October 14-15 2022 successfully. Report of different activities organized by Branches, Sections and Chapters of IIW-India are compiled in this issue, as also the AWS (American Welding Society) section.

During the last few months, sadly we have lost few prominent IIW-Indians, such as **Shri Nirmal Kanti Sarkar**, commonly known as Shri N.K. Sarkar, and **Shri Debaprasad Hajra**. Obituary of both of them is included in this issue. The Indian Institute of Welding repents these losses that are irreparable.

Mr. Samir Kumar Gupta has contributed his twenty first "Tit Bit in Welding" article as the third such article in this issue. The title is "An Approach to Best Welding Practice. Part—XXI. SECTION-III-BV-B(i)". In fact, it is the 1st part of Part—XXI, Section III—BV-B, and it focuses on the Generation and Computer based Storage of Welding Data of Plasma Welding Process for Fabrication. It will be helpful to provide a Working Guideline for Planning Engineers, Welding Coordinators and Quality Managers of an Engineering Fabrication Plant that resorts to welding extensively. Other part of this article will be published in the subsequent issues.

Mr. Chris Smallbone, Past President of International Institute of Welding (IIW) and IIW Fellow, has contributed the first "Tit Bit in Welding" article of this issue, namely, "The Wonderful World of Welded Art", to highlight and promote different welded exhibits of different categories of Welded Arts. This article really throws some light to indicate how welded arts are getting practiced in different countries worldwide.

The third "Tit Bit in Welding" article of this issue has been contributed by Dr. Mahadev Shome. This is the second part of his article, "Gas Metal Arc Welding", and it discusses "Temperature Characteristics" of GMAW process.

The Keith Hartley Memorial Award Lecture 2021 on "Recent Developments in Materials Joining and Welding" has been included in this issue as presented by Prof. V. Balasubramanian of Annamaiai University. He has highlighted few important research works in the area of friction as well as arc welding of different materials. He has also briefly discussed about additive manufacturing using welding by his team. In a slightly different type of article, Sabari Sathyan S of PSG College of Technology, Coimbatore and Mr. Debajyoti Mukherjee of TVS Motor Company Ltd, Hosur, Tamilnadu have authored article, "Assessment of Joining Technologies for Automotive Battery System Manufacturing". ORCID of the author is included in each article whenever it is made available.

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@iiwindia.com, and iwj.iiw@gmail.com) both in MS-Word and pdf file format mentioning the ORCID number of each author. Original figures may please be sent as separate files in jpeg/ pdf/ excel/ MS-Word file formats.

Readers are requested to please surf the complete archive of Indian Welding Journal 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 always welcome for further improvement of the journal.

December 15 2022