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Happy New Year 2024 To You All !!!

In this New Year 2024, with fresh hope for happiness of the mankind, Volume 57, No.1, January 2024 Issue of Indian Welding Journal is now ready. This issue will be distributed among the participants of the 6th International Congress 2024 (IC-2024) being organized at Bengaluru on January 22-24 2024 at Bangalore International Exhibition Centre, 10th Mile, Tumkur Road, Bengaluru. Concurrently, 'WELDEXPO', An Exhibition for Welding, Cutting & Joining will also be held there on January 19-23 2024 in a specific pavilion under IMTEX Forming 2024 by IMTMA. Young Professionals' International Conference will also be arranged in parallel session(s).

Last issue of this Journal, i.e., Volume 56, No.4, October 2023 issue, is available in the website of IIW-India (<https://iiwindia.com/indian-welding-journal/>) in flip book format as an open access system. Anybody can access it to read the journal articles, etc. in the area of welding, joining and cutting.

Activity reports of different Branches, Sections and Chapters of The Indian Institute of Welding (IIW-India) are included in this issue along with some technical articles as obtained from the American Welding Society (AWS) in the AWS Section. Readers may please note that this journal is published in technical association with the American Welding Society. **Mr. S.M. Vaidya**, an Advisor-Technical, Godrej and Boyce Mfg. Co. Ltd., has contributed 2 small articles in the column, "Tit Bit in Welding", namely, "**Artificial Intelligence/Machine Learning in Welding**" and "**Importance of Earthing of Completion of Electrical Circuit with Minimum Resistance in Welding**".

For this special issue, invitations were sent to renowned welding professionals and professors to send articles to Indian Welding Journal. We have received four such Invited articles. **Swagat Dwivedi and Swarup Bag** of Indian Institute of Technology Guwahati, Assam have contributed an article having the title, "**Joint Characteristics of Cu-Ni Alloy Fabricated by GTAW and MPAW Processes: A Comparative Study**". The second one on "**Green Welding- The Saviour**" is received from **Rituraj Bose**, Honorary Secretary General of IIW-India, Kolkata. It is an interesting article giving thrust on the environmental aspect that is of much importance. "**Investigations on transient temperature distribution and distortion in shielded metal arc welding of SA 516 Gr. 70 steel**" is the 3rd Invited article written by **Kalpeshkumar M. Sojitriya, V.D. Kalyankar, K.V. Champaneria and G.P. Chudasama**. They are from either ISGEC Hitachi Zosen Limited, Dahej, Gujarat or Department of Mechanical Engineering, S. V. National Institute of Technology, Surat, Gujarat. **Samarendra Acharya, Debasish Gonda and Santanu Das** from Kalyani Govt. Engineering College, Kalyani has contributed the 4th Invited article on "**Artificial Neural Networks Based Prediction of Penetration in Activated Tungsten Inert Gas Welding**".

One Regular Contributory article is there in this issue. It is on "**Welding of steel - its mechanism and applications in multiple sectors**" by **A.K. Vaish, Ritesh Patel, B.J. Chauhan, S.D. Kahar, Ankit Bhojani, K.M. Bhaisaheb and Keshva Narayana**. They are from either Department of Metallurgical and Materials Engineering, The M.S. University of Baroda, Gujarat or Larsen and Toubro Ltd., Hazira, Gujarat.

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 be sent to the Chief Editor through email (ID: iwj@iiwindia.com and 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. It also figured out in the List of UGC approved journals in the year 2017.

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

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