

# INTRODUCTION AND AUTHOR GUIDELINE

## INDIAN WELDING JOURNAL

(ISSN 0046-9092)

### INTRODUCTION

**Indian Welding Journal (IWJ) (ISSN 0046-9092)** is the official journal of the **Indian Institute of Welding (IIW-India)** being published quarterly since 1968. **Volume 50 is being published in 2017.** Articles published in it are indexed by **Indian Citation Index, EBSCO, USA, i-Scholar, and j-Gate.** This journal is recently included in the list of **approved journals of the University Grant Commission (UGC).** This journal includes selected technical articles published in **Welding Journal of American Welding Society.** Articles are invited in the broad areas of **welding and cutting** for publication in the IWJ as per the following categories;

- a) Original papers
- b) Conference papers (For journal special issues, etc.)
- c) Critical assessments / Reviews
- d) Case studies / Application areas

### TITLE PAGE

The title page should include:

The name(s) of the author(s)  
A concise and informative title  
The affiliation(s) and address(es) of the authors  
The e-mail address, telephone and fax numbers of the corresponding author

### ABSTRACT

An abstract should be of 150 to 250 words and it should not contain any undefined abbreviations or unspecified references.

### KEYWORDS

Four to six keywords should be included.

### TEXT

#### Text Formatting

Manuscripts should be submitted in editable Word files as well as in PDF version.

#### Margins and Spacing

The top, bottom, left, and right margins should be kept one inch each. The text of the paper should be single-spaced and fully justified in 11-point Arial font in single column format. Leave one line space between paragraphs, but do not indent the first line of a new paragraph. Page numbers should be centered at the bottom. Insert a line space after the final paragraph in a section.

First level heading should be consequently numbered like 1., 2., etc., left justified, all caps and bold. Insert one line space before and after a first level heading.

Second level heading should be numbered consequently like 1.1., 1.2., 2.1., 2.2., etc., left justified, with running letter and bold, with one line space above it.

The heading of Abstract, Appendix and References are to be all caps, 11-point, bold, and centered, with two line spaces above, and one below.

#### Figures and Tables

Figures and tables should appear close to their first citation inside the text. Each table or figure should be centered. Each table and each figure should have centered titles that should be self explanatory. Table titles should go above the table and figure captions below the figure. Leave one line space between the title and the table or figure. Figures and tables are to be numbered consequently. Refer these inside the text as Table 1 or Fig. 1, etc. In addition, each figure should be given as separate file(s), naming the file as Fig. 1, Fig. 2, etc. Figures (including photographs, line drawing, etc.) must be clear and reproducible.

### REFERENCES

#### Citation

The list of references should only include works that are cited in the text and that have been published or accepted for publication. Reference citations in the text should be identified by numbers in square brackets. Some examples:

The effect has been widely studied [1-5]. The same results were observed by Reddy et al. [6].

#### **Example**

[1] Badheka VJ and Albert SK (2009); Improving the weld penetration by application of oxide coating in GTAW of P91 steel, Proc. Nat. Weld. Sem., Kolkata, India, p.18.

[2] Sabiruddin K, Das S and Bhattacharya A (2009); Application of the analytic hierarchy process for optimization of process parameters in GMAW, IWJ, 42(1), pp.38-46.

### **APPENDIX AND ACKNOWLEDGMENT**

Appendices, if needed absolutely, should be placed after references section. Uses of appendices are not encouraged, in general. Acknowledgment, appendices, etc., if any, may follow the References section.

### **PEER REVIEW PROCESS**

Manuscripts of contributed articles submitted under each category will be double-blind peer reviewed. Author(s) will be communicated with the review results, and if needed, author(s) will be required to incorporate necessary changes in the manuscript for final acceptance.

### **PLAGIARISM CHECKING**

All the contributed articles are plagiarism checked by **Crossref** system powered by **ithenticate**. A maximum of 10% similarity content will be allowed to a research paper for publishing in the IWJ.

### **COPYRIGHT**

Authors will be asked to transfer copyright of the article to the Indian Institute of Welding (IIW-India). To this effect, the corresponding author on behalf of other authors, if any, has to sign and submit a **Declaration Form** available in IIW-India website.

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The work of making a complete Archive of articles published in the Indian Welding Journal since Volume 1 1968 is progressing in full swing. Substantial work is done and many published articles may be found in **i-Scholar and j-Gate platform**. Readers may please surf the website: <http://www.i-scholar.in/index.php/IWJ>.

## **ASSIGNING DOI**

**DOI (digital object identifier)** is being assigned to research articles recently published, or to the forthcoming articles of the IWJ. **10.22486/iwj/2017/v50/i2/146561** is a typical DOI for a published article.

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