

## **General Guidelines for JTAFS Manuscript Preparation**

The manuscript must be written in English (UK). **Proofreading** is required prior to submission. The manuscript should use double-space throughout (text, abstract, tables, figures and references). Font: 12 pt, Times New Roman, text should not be justified but aligned left. Length of research articles should not exceed 25 pages (excluding images, tables, figures and references) and review articles should not exceed 75 pages (excluding images, tables, figures and references). Main headings (**Introduction, Materials and Method, Results and Discussion, Conclusion, Acknowledgement, References**) are set in **bold** Roman. Minor headings are set in *bold italic* Roman. The recommended writing style of the manuscript is according to American Psychological Association (APA) version 7.0 guidelines ([www.apastyle.org](http://www.apastyle.org)). The template for this journal and other related documents can be downloaded at <http://jtafs.mardi.gov.my/index.php/instruction/author>.

### **PLAGIARISM**

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**TITLE:** The font size should be 14 pt, bold and sentence case. It should be short (not exceeding 20 words), concise and informative, and should contain keywords necessary to facilitate retrieval by a search engine.

**RUNNING HEAD:** Suggest a short title suitable for use as running head of not more than 50 characters including spaces (for editorial office use).

**NAME OF AUTHORS:** Should be written below the title in this format:

Ganesan, A.<sup>1\*</sup>, Erra Fazira, M.<sup>1</sup> and Lim, S.P.<sup>2</sup>

**AFFILIATIONS:** Name of organisation and full address:

Engineering Research Centre, MARDI Headquarters, 43400, Serdang, Selangor, Malaysia

The superscript numbers are used to indicate author(s) institutional or organisational affiliation. The \* indicates corresponding author's affiliation. This information will be provided as footnote at the bottom of the first page. Please clearly indicate who will handle correspondence at all stages of refereeing and publication as well as post-publication. Kindly ensure that the e-mail address and contact details of the corresponding author provided is accurate as they will be responsible to answer any future queries about the manuscript.

**ABSTRACT:** Should not exceed 250 words. Manuscript received without an abstract will be returned to the author. It should cover main purpose of the research, methodology, significant findings, major conclusions and/or future recommendation. An abstract is often presented separately from the manuscript, so it must be able to stand alone. References, non-standard or uncommon abbreviations must be avoided.

**KEYWORDS:** A minimum of 4 and a maximum of 6 keywords of your choice from the article to automatically facilitate indexing and online search.

**FOOTNOTE:** Authors' full names, corresponding author's e-mail address as following:

Authors' full names: Ganesan Adaikalam, Erra Fazira Masruddin and Lim Soo Peng.

Corresponding author: ganesan@mardi.gov.my

**INTRODUCTION:** State the background, problem statements, hypothesis, objectives of the research and avoiding a detailed literature survey or a summary of the results.

**MATERIALS AND METHOD:** Should be listed clearly and succinctly, to include, where appropriate, an adequate account of layout, full description of treatments and/or appropriate

statistical design. Published methods should be summarised and/or indicated by a reference. Any modifications to published methods should also be described.

**RESULTS AND DISCUSSION:** Results should be presented in *Tables, Figures* (charts, images *etc.*) and other appropriate means in order to provide comparative information. Discussion should thoroughly explain the results or findings from the study and interpreted with the support of evidence or data and suitable references. Anomalous or unexpected results must be explained. Mathematical equations must be in editable text and not in images.

**CONCLUSION:** Should be drawn from the presented results that addresses the problems/issues and also suggestion for future research.

**ACKNOWLEDGEMENT:** Should list all supporting institutions, grant numbers (optional), the names of research contributors (preferably untitled) and their affiliations of those who have assisted and contributed to the study in some way or other.

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### **Data references**

This journal encourages you to cite underlying or relevant datasets in your manuscript by citing them in your text and including a data reference in your Reference List.

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Please refer to the APA guidelines version 7.0 ([www.apastyle.org](http://www.apastyle.org)).

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- Tabular materials must be kept to a minimum. Only data essential to the understanding of the text should be included in tables.
- Where manuscript are based on extensive analytical data, choose a small section of representative analyses to indicate the unpublished range on which the paper is based.
- Tables should be numbered serially and referred to in the text.
- Title should be written at the top of the table.
- Abbreviations in the tables and figures should be adequately explained in the footnotes.
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- Vertical rules should not be used. Horizontal rules should be inserted only above and below column headings and at the foot of the table.
- Figures should only be used where they are essential to elucidate the text. They should be numbered consecutively and each must be referred to in the text. Title should be in *italics* and placed at the bottom of the figures.
- Clear patterns away from areas of type and avoid mixing type faces on the same figures, grid marks should point outwards, legends to horizontal axis should run from left to right while for vertical axis legends should run from bottom to top.

- No duplication are allowed to be presented in both tables and figures.
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- Suitable electronic formats for photographs are .tiff, .png or .jpg files at a minimum resolution of 300 d.p.i.

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*(Revised: January 2024)*