**Layout guide for Data Analytics and Applied Mathematics journal using Microsoft Word**

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| **ABSTRACT -** All articles must include an abstract. The abstract is auto-format. Abstract should be presented in Arial Narrow font of size 10 within 200- 250 maximum lengths of words, single spacing and in justify alignment of Normal style. Problem statement/ objectives, methods, results, and conclusions are the minimum terms should be presented. Equations and references are not allowed in this section. The abstract box is auto resized.  |  | **ARTICLE HISTORY** |
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| *Keyword keyword2* |
| *Keyword3* |
| *Keyword4**Keyword5* |
| *Keyword6* |
|  |

# 1. INTRODUCTION

Introduction is auto-format. The title INTRODUCTION is presented in Arial Narrow of size 11-UPPERCASE with the Heading 1 style. Meanwhile, the rest of all the contents in the introduction should be presented in Times New Roman font of size 10 as Normal style. Line spacing is single with spacing set 6pt before and after, and 0.5cm indented to the right for the first sentences of the new paragraph. There is no space between the paragraphs of the same format.

This section briefly about the issue view in global and national context, problem statement, purpose of the research, the significance of the study, the structure of the paper and relevant research that has been done.

Authors are encouraged to cite the latest and high impact papers related to the research field. The citation should be presented as numbering system. For example, if it involved single reference~~s~~, stated in [1]. If two or more consecutive references involved: [2-5], otherwise stated in [1], [3] and [20].

Define abbreviations for the first time used in the text, even they have already been defined in the abstract. Well-known abbreviations such as SI unit (m, kg, s, etc.) do not have to be defined. Consecutive abbreviations should not have spaces: write as “D.A.A.M.”, not “D. A. A. M.” Authors need to ensure, at least three sentences can be considered as a paragraph and cited articles is named as Salleh et al. if involved 3 authors and more. Abbreviation needs to be declared at first in the respective paragraph before being used.

## 1.1 Title

The title is auto-format. The title should be presented in Arial Narrow font-format sentence case of size 16 with single spacing, justify alignment of title style. Title must brief and reflect the contents of the manuscript. Do not use abbreviations in the title. The first letter of the title should be capitalized with the rest in lower case except for proper nouns.

## 1.2 Author name and corresponding author

The Author name should be presented in Arial Narrow font-format sentences case of size 10 with single spacing, justify alignment of author style. The \* represent the corresponding author. The style for the names is initials then surname, with a comma after all but the last two names, which are separated by ‘and’. The numbering system is used for the author’s current affiliation. Please ensure that affiliations are as full and complete as possible and include the country.

## 1.3 Keywords

Keywords is auto-format. Please provide a maximum of 6 keywords only. Keywords should be presented in italic Arial Narrow font-format sentence case of size 9 with single spacing, align-left alignment of normal style. Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

## *1.1.1 Sub of subtitles*

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# 2. METHODOLOGY

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All the title of the subsection should be presented justify in Arial Narrow font of size 10-Sentence case as Heading 2 style, while the equation should be presented by using the Microsoft equation of Cambria Math (or MathType) font 10 in justify format and must be numbered (if cited/referred in the article).

|  |  |
| --- | --- |
| $$X\_{best}\left(t\right)=\min\_{i\in 1,….,n}fit\_{i}(X\left(t\right))$$ | (1) |

Any source: coding or algorithm will be presented as the Courier New font of size 9 in justify format.

if *rand* < *Jr*

then

 apply COOBL

 else

 check stopping condition

else

This section must describe the methodology in detail: research design, sampling, data collection (if necessary).

# 3. RESULTS AND DISCUSSION

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This section contains interpretation data, summary of findings, limitation, implication, and suggestion for future research.

## 3.1 Figure

The caption of Figure 1 should be presented in Times New Roman font of size 10 with centre alignment in Figure caption style. Figures should be self-explanatory and contain a short but adequately detailed caption. Figures should be provided in one of the following formats: PNG, EPS, TIFF, JPEG, BMP. The figure(s) should have a resolution of 600 dpi for grayscale and 300 dpi for colour. All figures must be numbered sequentially in the text in the same order in which they appear (e.g. Figure 1, Figure 2).  Figure 1(a) and Figure 1(b) are examples of multi-part figures in which each component should be labelled. The figure(s) caption should be written in sentence cases and placed underneath the image, centre aligned, with no period at the end of the caption.

­­

**Figure 1.** Opposite point defined in the domain [a,b]

## 3.2 Table

The caption of Table 1 should be presented in Times New Roman font of size 10 with centre alignment of tab caption style. Tables should be self-explanatory and include a concise yet sufficiently descriptive caption. Tables should be numbered consecutively using Arabic numerals and referred to in the text by number. Table legends should follow the main text, each on a separate page. Tables must be submitted as editable text and not as images. Footnotes can be used to explain abbreviations but should not include detailed descriptions of the experiment.

**Table 1.** Table caption

|  |  |  |
| --- | --- | --- |
| Column number 1 | Column number 2 | Column number 3 |
| Parameter 1 (N) | 12.30 | 1.50 |
| Parameter 2 (kg) | 34.50 | 12.00 |
| Parameter 3 (mm) | 25.00 | 9.00 |

# 4. CONCLUSIONS

The conclusion is auto-format. The title CONCLUSION is presented in Arial Narrow of size 11- UPPERCASE with Heading 1 style. Meanwhile, the rest of all the contents in the CONCLUSION should be presented in Times New Roman font of size 10 as Normal style. Line spacing is single with spacing set 6pt before and after, and 0.5cm indented to the right for the first sentences of the new paragraph. There is no space between the paragraphs of the same format.

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# ACKNOWLEDGEMENTS

Acknowledgement is auto-format. The title ACKNOWLEDGEMENT is presented in Arial Narrow of size 11-UPPERCASE with the Heading 1 style. Meanwhile, the rest of all the contents in the ACKNOWLEDGEMENT should be presented in Times New Roman font of size 10 as Normal style. Line spacing is single with spacing set 6pt before and after. This section should acknowledge institution(s), funding source and individual assistant in separate paragraph. Author(s) must ensure that anyone named in the acknowledgments (institution/agency/individual) agrees to being so named.

**Institution(s)**

***Example***

All the authors would like to express their gratitude to Universiti Malaysia Pahang Al-Sultan Abdullah for the support/ facilities.

**Fund**

***Example***

*Funded*

The authors would like to thank the Ministry of Higher Education for providing financial support under Fundamental Research Grant Scheme (FRGS) No. FRGS/1/2021/STG06/UMP/02/1 (University reference RDU210107) and Universiti Malaysia Pahang Al-Sultan Abdullah as additional financial support under Internal Research Grant RDU190048.

*Not funded*

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**Individual Assistant**

***Example***

*Do have individual assistant*

The first author would like to thank Mr. Ahmad, Pusat Rawatan Bekam Al-Azrin, Kuantan for the medicinal cupping point verification of this study.

*Do not have individual assistant*

NA

# AUTHOR CONTRIBUTIONS

Authors are encouraged to provide an author statement file describing their specific contributions to the article using the appropriate author contribution roles to increase transparency. The author’s contributions statement should be provided during the submission process, and it appears above the acknowledgement section of the published article. The corresponding author is responsible for ensuring that all authors agree on the accuracy of the descriptions. All authors' roles should be mentioned, using the appropriate categories underneath. Authors may have played a variety of roles in their contributions. Contributions from authors do not affect the criteria for authorship established by the journal. The following are the example words used to describe author contributions.

Conceptualization; Methodology; Validation; Formal analysis; Data curation; Formal analysis; Investigation; Resources; Software; Visualization; Writing - original draft; Writing - review & editing; Funding acquisition; Project administration; Supervision.

Authorship statements should be formatted with the names of authors first and the author contribution role(s) following, such as:

Rahimah Jusoh (Conceptualization; Formal analysis; Visualization; Supervision), Nor Izzati Jaini (Methodology; Data curation; Writing - original draft; Resources)

# DECLARATION OF ORIGINALITY

The authors declare no conflict of interest to report regarding this study conducted.

# REFERENCES

The title of REFERENCES is presented in Arial Narrow of size 11- UPPERCASE with Heading 1 style. Meanwhile, the rest of all the contents in the APPENDIX should be presented in Times New Roman font of size 9 as Normal style. Line spacing is single with spacing set 0pt before and 4pt after, and 1.13cm indented to the right. The references should follow the Vancouver style. The following are a few examples of references that are listed in the Vancouver Style:

**Journal References**

**Six or fewer authors in the reference**

[1] Hasan MM, Rahman MM, Kadirgama K, Ramasamy D. Numerical study of engine parameters on combustion and performance characteristics in an n-heptane fuelled HCCI engine. Applied Thermal Engineering. 2018 Jan 5;128:1464-75.

[2] Hasan MM, Rahman MM. Homogeneous charge compression ignition combustion: Advantages over compression ignition combustion, challenges, and solutions. Renewable and Sustainable Energy Reviews. 2016;57:282-91.

**Seven or more authors in the reference**

[3] Arifin HH, Zardasti L, Lim KS et al.. Stress distribution analysis of composite repair with Carbon Nanotubes reinforced putty for damaged steel pipeline. International Journal of Pressure Vessels and Piping. 2021 Dec 1;194:104537.

**Book Reference**

[4] Juvinall RC, Marshek KM. Fundamentals of machine component design. 5th ed. New York: John Wiley and Sons; 2011.

**Book Chapter Reference**

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**Conference Proceedings**

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**Thesis**

[12] Ibrahim TK. Modelling and performance enhancements of a gas turbine combined cycle power plant. PhD Thesis. Malaysia: Universiti Malaysia Pahang, 2012.

**Online Materials**

[13] Citations for articles/material published exclusively online or in open access (free-to-view) must contain the exact Web addresses (URLs) at the end of the reference(s).

[14] Mandal A. Properties of nanoparticles. Retrieved from <https://www.news-medical.net/life-sciences/Properties-of-Nanoparticles.aspx>; 21 October 2021.

**APPENDIX**

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