



Title of Manuscript (Capital Letter of Each Word; Font type: Calibri; Font size: 16; Align Left)

Full Name¹, Corresponding Author^{1,*}, Author² (All Authors names must be written in a FULL NAME; Font type: Calibri; Font size: 12; Paragraph: Align Left), encouraged to collaborate with intl author

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Abstract	should include a brief introduction to the background study, a problem statement, the objectives of the research, a description of the method employed, the main results, and the main conclusions. These six items must be included in the abstract section. In the abstract, citations or references, as well as non-standard or uncommon acronyms, should be avoided. The word count should not exceed 200.
Keywords	Use 3-5 keywords; avoid too general and too specific keywords; CDF Letters (Please use comma as separator)

1. Introduction

The first sentence should begin with [1]. There should be one space following the section header. The first line of paragraph should be indented by 0.63cm. The font style should be Calibri; the font size should be 12; the paragraph should be Justify; and the line spacing should be 1.0. As an example: Over the last few decades, there has been a great deal of study on new types of heat transfer fluids, notably nanofluids. A nanofluid is a fluid that comprises solid particles that are nanometer in size. Choi et al. [2] developed the nanofluid, which has been shown to have higher heat transfer efficiency than traditional fluids. Review publications by multiple authors [3-5] provide detailed assessments of the physical and thermal properties of nanofluids. Important: Citation cannot function as a subject or object on its own. It is just meant to be supportive of a message. "Was also conducted by [4]," for example, should be expressed as "Was also conducted by Uithof et al., [4]" (et al., must be italicised)Second paragraph starts here (no spacing between

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paragraphs). **For example:** A nanofluid can be produced by dispersing metallic or non-metallic nanoparticles or nanofibers with a typical size of less than 100 nm in a base liquid.

Generally, in manuscript, should have: **1. Introduction** (research background and Literature Review); **2. Methodology**; **3. Result**; **4. Conclusion**; **Acknowledgment**; **References**. You may add more if required. The style of the section header as bellow:

1. Introduction (Capital Letter of Each Word; No indent; Font style: Calibri & Bold; Font Size: 12)

1.1 Sub Section Header (Capital Letter of Each Word; No indent; Font style: Calibri & Italic; Font Size: 12)

1.1.1 Sub sub section header (Sentence case; No indent; Font style: Calibri & Italic; Font Size: 12)

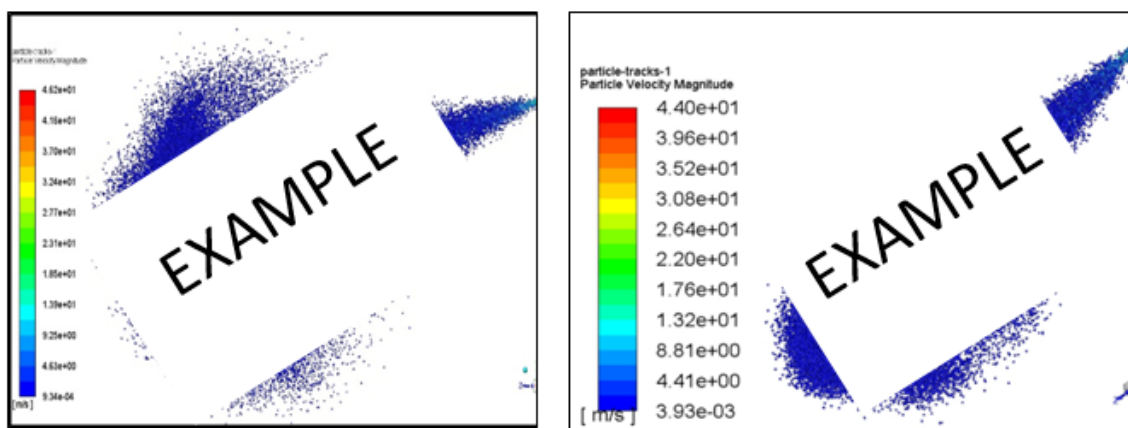
Header level three (1.1.1) and above will follow header level three style. No spacing between each header. However, before starting the first paragraph, must have one spacing after the header.

In the last paragraph of introduction section, Authors should highlight the gap and significant of the research before write the objective of the research. These three items are very important and compulsory. ----End of Introduction Section----

2. Methodology

2.1 Figure Style and Format

For manuscript publication, all provided Figures must follow the standard of quality for publication. Authors must provide a high quality with high resolution Figure. Content in the Figure should be clear and readable as shown in Figure 1(b) (Especially, the font size of contour legend). For example, as in Figure 1



(a) (Font style: Calibri; Font size: 10)

(b)

Fig. 1. Figure quality (a) Unclear and unreadable content (b) Clear and readable content (Font style: calibri; Font size: 11; Paragraph: Align left)

Each Figure must be discussed or mentioned in a body paragraph. The Figure must be placed under the paragraph that discussed about the Figure. Authors should try to make economical use of the space on the page; for example

- i. avoid excessively large white space borders around your graphics;
- ii. try to design illustrations that make good use of the available space—avoid unnecessarily large amounts of white space within the graphic;
- iii. Use the suitable size of Figure. Not too big.
- iv. Individual figures should normally be centered but place two figures side-by-side if they will fit comfortably like this as it saves space.

Captions should be below the figure. The caption **SHOULD NOT** be finished with a full stop (period). The captions should be set to (a) the width of the figure for wider figures (b) centered across the width of the figure, as shown below.

For example: A model of VFE-2 model was designed and analyzed , as shown in Figure 2 below [4]. The designed was exactly based on the original profile of Chu and Lucking [6] as Figure 3.

Mat *et al.*, [7] has performed a comprehensive flow visualization studies. The primary model is developed at certain condition and progress; however, there is no data indicating that the progressed up to the region with increases evident.

3. Results

3.1 Data Distribution

For example: This section discusses the results obtained from the study. The effects of angle of attack, Reynolds number and leading edge bluntness are discussed in the next sub section.

3.2 Table Style and Format

Table should be placed at the center. Each Table must be discussed or mentioned in a body paragraph. The Table must be placed under the paragraph that discussed about the Table. Font style and font size of content in the Table are Calibri and 10, respectively. The content must be align left. The font size of Table caption is 11. The caption **SHOULD NOT** be finished with a full stop (period). The captions should be set to the width or within of the Table.

Table 1

Place the caption above the table. Here the caption is wider than the table

Distance (m)	sample (ms ⁻¹)
A	1
B	2
C	3
D	4

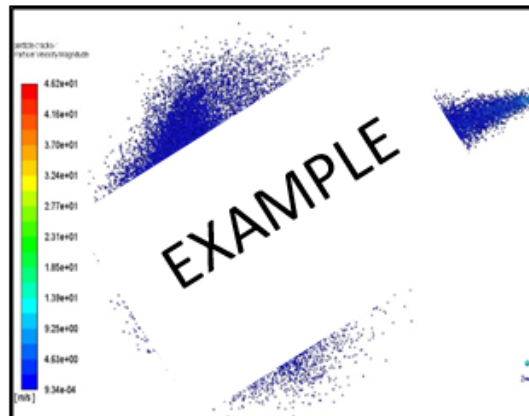


Fig. 2. Chart of analysis in the current study of education

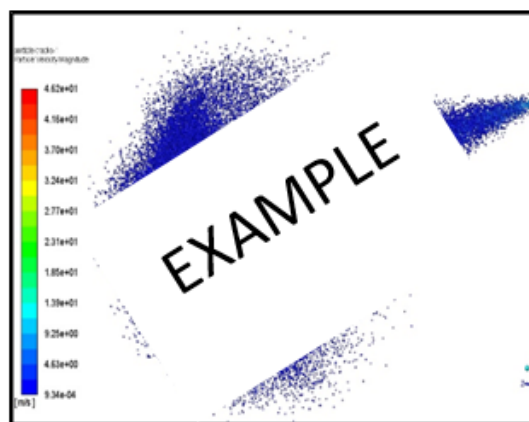


Fig. 3. Chart of analysis in the current study of education

4. Conclusions

In **conclusion part**, **Author** should **highlight** the **finding** of their research that **respond** to the research **objective**. **For example**: The experimental data of UTM-LST VFE-2 model at high angle of attack is presented here. More experiments are needed to verify this complicated flow topology.

Acknowledgement

This research was funded by a grant from Ministry of Higher Education of Zimbabwe (FRGS Grant R.J130000.7824.4X172).

(Note: This part is **compulsory**. If this research was **not funded** by any grant, please write “**This research was not funded by any grant**”)

References

The list of references should only include works that are cited in the text and that have been published or accepted for publication. Personal communications and unpublished works should only be mentioned in the text. Reference style should be in **APA sixth edition**.

References (Reference style: APA sixth edition style – must write DOI) Minimum 20 references

- [1] Hummel, D. (2008). *Chapter 17 – The International Vortex Flow Experiment 2 (VFE-2): Objectives and Overview*. RTO-TR-AVT-113, Page 17-1 – 17-20.
- [2] Luckring, J.M. and Hummel, D. (2008). *Chapter 24 – What Was Learned From The New VFE-2 Experiments*. RTO-TR-AVT-113. <https://doi.org/10.2514/6.2008-383>
- [3] Mat, Shabudin Bin, Richard Green, Roderick Galbraith, and Frank Coton. "The effect of edge profile on delta wing flow." *Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering* 230, no. 7 (2016): 1252-1262. <https://doi.org/10.1177/0954410015606939>
- [4] Said, Mazuriah, Shabudin Mat, Shuhaimi Mansor, Ainulotfi Abdul-Latif, and Tholudin Mat Lazim. "Reynolds Number Effects on Flow Topology Above Blunt-Edge Delta Wing VFE-2 Configurations." In *53rd AIAA Aerospace Sciences Meeting*, p. 1229. 2015. <https://doi.org/10.2514/6.2015-1229>
- [5] Luckring, James M. "Initial experiments and analysis of blunt-edge vortex flows for VFE-2 configurations at NASA Langley, USA." *Aerospace Science and Technology* 24, no. 1 (2013): 10-21. <https://doi.org/10.1016/j.ast.2012.02.005>
- [6] Konrath, Robert, Christian Klein, and Andreas Schröder. "PSP and PIV investigations on the VFE-2 configuration in sub-and transonic flow." *Aerospace Science and Technology* 24, no. 1 (2013): 22-31. <https://doi.org/10.1016/j.ast.2012.09.003>
- [7] Fritz, Willy. "Numerical simulation of the peculiar subsonic flow-field about the VFE-2 delta wing with rounded leading edge." *Aerospace Science and Technology* 24, no. 1 (2013): 45-55. <https://doi.org/10.1016/j.ast.2012.02.006>
- [8] Chu, J. and Luckring, J.M. (1996). *Experimental Surface Pressure Data Obtained on 65° Delta Wing across Reynolds Number and Mach number Ranges*. NASA Technical Memorandum 4645. (Sharp-edged report)

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