

Article Title: Article Subtitles

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Abstract: First abstract sentence introduces the research background information and the problem statement. The second sentence explains the main research objectives and their scopes of study. The third sentence describes the materials, methods, and standard procedures used to conduct the study. The fourth sentence presents key findings and trends that can be observed from the data. The fifth sentence summarizes the discussion regarding those findings and some suggestions for future work. The overall length of the abstract should not exceed 250 words.

Keywords: Keyword 1, Keyword 2, Other keywords (max. up to 5 keywords)

1. Introduction

This document is a template for papers to be published in proceedings by Universiti Tun Hussein Onn Malaysia Publisher's Office. The document itself should be in A4 size, with normal margins of 1 inch all around. The font of the text is Times New Roman with font size 11, except for references list. Unless mentioned otherwise, all lines are spaces 0 points before and 8 points after the line. All paragraphs are justified, with the first line indented 0.63 cm. The overall length of the paper should not exceed 15 pages (excluding references and appendices).

Author(s) with same affiliation does not need any number indicated on his/her name. Numbers only applicable for author(s) with different affiliations. The corresponding author wording (*Corresponding Author) should compulsory appeared in the text as shown in this template.

Article written in Bahasa Malaysia must include dual-language of abstracts and keywords. First English version and followed by Bahasa Malaysia version.

The introduction should describe general information on the subject matter area of study. It is usually arranged in such a manner to gradually bring to focus the specific motivations of the current study, the research background, the problem statements, the research questions/research problems, the hypotheses, the scope of study, as well as the significance of study. Factual statements should be accompanied by a citation of references. Authors should ensure that every reference in the text appears in the list of references (at the end of the paper) and vice versa.

References should follow the latest version of UTHM Thesis Writing Guide (APA formatting). The references list should be left-alignment, hanging (0.63 cm), and the text is Times New Roman with font size 10, no spacing (before and after) with single line spacing.

1.1 Research Background

Section headings should be left-justified, bold, with the first letter capitalized and numbered consecutively, starting with the Introduction. The introduction can be split into several subheadings if the author finds the need to organize the information into several subtopics. Sub-section headings should also be in the same style as the headings, numbered 1.1, 1.2, etc, and left-justified, but unbolded. All headings should have a minimum of three text lines after them before a page or column break.

1.2 Problem Statements

Subheadings in the introduction are usually limited to 2-3 topics. Contents should be brief; more detailed information should be discussed in the methodology section. The subheadings should not go beyond the second level.

1.3 Research Questions

This section should include research questions of the study.

- (i) Research Questions 1
- (ii) Research Questions 2
- (iii) Research Questions 3

1.4 Research Objectives

This section should include research objectives of the study.

- (i) Objective 1
- (ii) Objective 2
- (iii) Objective 3

1.5 Scope of the Study

This section should include scope of study.

1.6 Significance of the Study

This section should include significance of study.

2. Literature Review

The literature review section describes all relevant literature related to the research and critically discussed. This section can be structured based on the stated objectives and focus of the study or any logical order as deemed appropriate.

2.1 Headings

Section headings should be left-alignment, bold, with the first letter capitalized and numbered consecutively, starting with the Introduction. The introduction can be split into several subheadings if

the author finds the need to organize the information into several subtopics. Sub-section headings should also be in the same style as the headings, numbered 1.1, 1.2, etc, and left-justified, but unbolded.

2.2 Additional Subheadings

Subheadings are usually limited to two (2) level of numbering (i.e 1.1, 1.2, etc). Contents should be brief; more detailed information should be discussed in the methodology section. The subheadings should not go beyond the second level.

(a) Sub-subheadings

Sub-subheadings numbered as *(a)*, *(b)*, etc (instead of 1.1.1, 1.1.2 etc). Contents should be brief; more detailed information should be discussed in the methodology section. The sub-subheadings should not go beyond the third level.

3. Research Methodology

The research methodology section describes all the necessary information that is required to obtain the results of the study. The research methodology consists of detailed information regarding workflow, strategy, and approach. The methodology adopted in carrying out the study should be well explained.

3.1 Research Design

Specific research designs such as description of research methodology selection, research population, research sampling, research instrument, and research flow process need to be explained clearly.

3.2 Data Collection

Specific data collection procedures/methods require to be described clearly.

3.3 Data Analysis

Specific data analysis procedures/methods require to be described clearly.

4. Results and Discussion

The results and discussion section presents data and analysis of the study. This section can be organized based on the stated objectives, the chronological timeline, different case groupings, different experimental configurations, or any logical order as deemed appropriate.

4.1 Results

Results can be presented in the form of tables, figures, charts, diagrams or other suitable formats. If required, raw data that is too lengthy to be put in this section can be moved to the appendix.

(a) Results 1

Results can be presented in the form of tables, figures, charts, diagrams or other suitable formats. If required, raw data that is too lengthy to be put in this section can be moved to the appendix.

(b) Results 2

Results can be presented in the form of tables, figures, charts, diagrams or other suitable formats. If required, raw data that is too lengthy to be put in this section can be moved to the appendix.

4.2 Discussions

Accompanying discussions that further explain observations of the results are usually placed immediately below the results paragraph.

4.3 Tables

Tables should be numbered based on the section number and formatted based on the style as presented in the following:

Table 1: Example of presenting data using a table (Author, year)

Item	Parameter Name	Variable Value	Unit or Dimension
1	Data Point 1	0.001	Kilograms (kg)
2	Data Point 2	1.000	kg·m/s ²
3	Data Point 3	1.0 x 10 ⁴	psi
4	Data Point 4	-1.0 x 10 ⁻⁴	Dimensionless

Table 1, as are all tables, should be referenced in the text first before placing the table in the text. Items in the table can be aligned to the cell-centre, the right, or the left whenever appropriate. All tables must have a caption that is aligned centre. Only horizontal lines should be used within a table, to distinguish the column headings from the body of the table, and immediately above and below the table. Tables must be embedded in the text and not supplied separately.

4.4 Figures

Figure should also be referenced in the text first before placing the figure in the text. Figures should be numbered based on the sequence in text and formatted based on the style as presented in Figure 1:

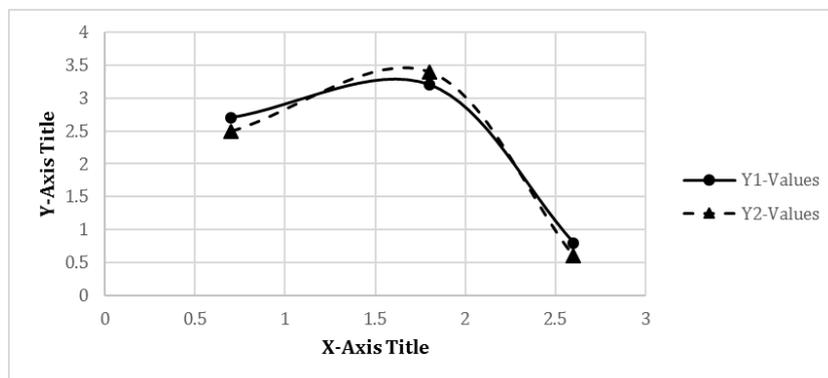


Figure 1: Example of presenting data using a figure (Author, year)

Figures should be placed at the top or bottom of a page wherever possible, as close as possible to the first reference to them in the paper. Please ensure that all the figures are of 300 DPI resolutions as this will facilitate good output. The preferred format of figures is PNG, JPEG, GIF etc. Items in the figure should be aligned to the centre whenever applicable. Figure caption is aligned to the centre. All

writings, symbols, and data markers in the figure should be legible and discernible, even in black-and-white. If a figure is copyrighted by a third party, the authors bear the responsibility to obtain licensing or permission to use the figure in the paper. In this case, proper citation is required to be added in the figure caption.

5. Conclusion

The conclusion should summarize the main findings of the study, and restate the key points inferred from trends observed and discussed regarding the data. Some suggestions should be included to encourage the continuation of the current research.

Acknowledgement

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Appendix A (Optional)

Any extra data, equations or information that is beneficial to the discussion of the paper should be included here. More appendices can be added as deemed necessary.