

Guideline for Manuscript Preparation for MAIT Journal of Science and Technology

Kha Sheng Tan^{1*}, Peter Hing²

¹ Faculty of Science, Universiti Brunei Darussalam, Brunei Darussalam

² Energy Research Group, Universiti Brunei Darussalam, Brunei Darussalam

* Corresponding Author. Tel: (673) 2463001, Fax: (673) 2453502, E-mail: khasheng.tan@ubd.edu.bn

Abstract: Instructions providing basic guidelines for preparing paper for the MAIT Journal of Science and Technology are presented. This document is itself an example of the desired layout for the final papers in the published form. Therefore please use it as the template while editing your manuscript. It is recommended that the abstract contains 150-200 words.

Keywords: Not more than five keywords separated by commas.

1. INTRODUCTION

These guidelines describe the preparation procedure of the final manuscript for paper accepted for publication at the MAIT Journal of Science and Technology. When authors submit their work to the Journal, they should strictly follow these instructions in order to maintain a high quality standard.

Each paper must be divided into two parts. The first part includes the title, authors' names, abstract and keywords. The second part is the main body of the paper.

2. PAPER SIZE AND FORMAT

The total length of a full paper should not be over 8 pages. Each paper size should be A4 (21.0cm×29.7cm) and the following margins should be set:

Left margin	25 mm
Right margin	25 mm
Top margin	25 mm
Bottom margin	25 mm

3. FONTS AND STYLE

3.1 First part

The first part includes the paper title, authors' names, abstract, and keywords. All fonts must be in Times New Roman, and the font size of the title, authors' names, affiliations, abstract, and keywords are bold 11 pt, 10 pt, 10 pt, Italic 10 pt, and 10pt, respectively.

3.2 Paper body

The second part consisting of the paper body must be in single column format. The top-level heading, usually called section, numbered in Arabic numerals, shall appear centered with Times New Roman capital bold 10 pt. The numbered level-two heading starts from the left in Times New Roman bold 10 pt font. The main text uses Times New Roman 10 pt font with single spacing and justified throughout.

4. FIGURES, TABLES, AND EQUATIONS

4.1 Figures and tables

All figures and tables should be placed as close as possible after their first mention in the text. Each table should be in MSWord only with consistent decimals. Large figures and tables may span across the page but their distortion to adjust and/or cover the page should be avoided. Scanned or digital images are to be used (e.g. line art, photos etc) if the output resolution is at least 600 dpi. All spellings and annotations (numbers, letters, symbols and captions) should conform to their usage in the text.

Table 1 The caption should be placed above the table.

	A	B	C
(1)	150 %	16.3 %	18.2 %
(2)	31.1 %	33.8 %	29.8 %
(3)	13.3 %	12.1 %	11.1 %

Table captions should be centered above the tables, figure captions should be centered below the figures; they should be referred to in the text as, for example, Fig. 1, or Figs. 1-3.

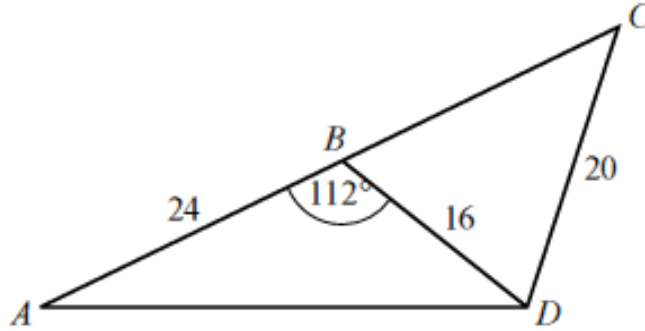


Fig. 1 The caption should be placed below the figure.

4.2 Equations

Equations should be written using Microsoft Equation/Math Player and numbered consecutively as they appear within the text and on the left, with one blank line above and one blank line below. Equation numbers should be Arabic numerals enclosed in parentheses flushed to the right. They should be cited in the text as, for example, Eq. (1), or Eqs. (1)-(3). Punctuate equations with commas or periods when they are part of a sentence. For example,

$$\dot{x} = Ax + Bu, \quad (1)$$

$$y = Cx + Du. \quad (2)$$

where x is the state vector.

4.3 References

References should be numbered in the paper body in order of appearance using numerals enclosed in square brackets [1-3, 5]. They should be listed at the end of the manuscript. Times New Roman 10 pt is used for references [4] in the list. References should be complete in style as shown in the Reference section of these guidelines.

5. CONCLUSIONS

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

6. UNITS AND SYMBOLS

6.1 Units

In the paper, all authors are required to use SI unit.

6.2 Symbols

Abbreviations and acronyms should be defined the first time they are used in the text, even after they have been defined in the abstract.

7. ACKNOWLEDGMENTS

Example: The authors gratefully acknowledge the contribution of the University Research Fund.

8. REFERENCES

- [1] Young, M. (1989) *The Technical Writer's Handbook*, Mill Valley, Seoul, Korea.
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- [5] Hong, K. S. and Kim, C. S. (1993) Linear stable systems, *IEEE Trans. on Automatic Control*, 133(3), pp. 1234-1245.