

# MANUSCRIPT PREPARATION GUIDELINES FOR ENGINEERING JOURNAL OF RESEARCH AND DEVELOPMENT

*First Author's First-Last Names<sup>1</sup> and Second Author's First-Last Names<sup>2</sup>*

<sup>1</sup>*Position, Address*

<sup>2</sup>*Position, Address*

## ABSTRACT

*This article describes a submission procedure and a format of the manuscript for the EIT Research and Development Journal (EIT). Authors are required to strictly follow the guidelines provided here; otherwise, the manuscript will be returned for proper correction. A good abstract should have only one paragraph and should not exceed 10 lines.*

**KEYWORDS:** Manuscript Format, Font Size, Font Style

### 1. Introduction

Paper must have title, authors, authors' addresses, abstract, introduction, main context, conclusion, acknowledgement (if any), references and appendices (if any), respectively.

### 2. Writing and Printing Suggestions

#### 2.1 General Suggestion

The submitted paper must be in black-and-white and ready-to-print format. The page size is 209.55 x 292.1 millimeters. Unless otherwise specified by the editor, a paper will no longer than ten sheets. The manuscript must be printed out by a laser printer with 300 dpi or higher resolution.

Each part of the context must have a number to form a topic starting from 1 with an introduction. If there are sub-topics, the decimal numbers such as 1.1, 1.2, etc., are used. There is no topic numbers for acknowledgement and references.

#### 2.2 Margins and Column Width

The main context must be on a single-column page. Table 1 shows the suggested page margins.

**Table 1** Page Margins

| Items         | Range (millimeters) |
|---------------|---------------------|
| Top Margin    | 40                  |
| Bottom Margin | 17                  |
| Left Margin   | 23                  |
| Right Margin  | 17.5                |

### 2.3 Font Type and Spacing

In English format, Angsana New is recommended in the paper and the corresponding sizes and details in each part of the paper are showed in Table 2.

There is no blank line within the context of each topic or sub-topic. For each paragraph, first line indents is 7.5 mm. The following lines are justified. There is one blank line before new topic or sub-topic. The current page must be fulfilled before move to a new page.

**Table 2** Font Sizes and Details

| Compositions                    | Font Size | Font Detail |
|---------------------------------|-----------|-------------|
| Title                           | 16        | Bold        |
| Author and Address              | 14        | Normal      |
| Abstract Title                  | 14        | Bold        |
| Abstract Context                | 14        | Italic      |
| Topic Name                      | 14        | Bold        |
| Context                         | 14        | Normal      |
| Table and Figure Titles         | 14        | Bold        |
| References and Author's Profile | 12        | Normal      |

### 2.4 Title, Authors, and Topics

Title must be centered based on single-column page with capital letters. Authors and their addresses are also centered based on single-column page. Topic numbers are left aligned with a 7.5-mm tab to begin the topic title.

### 2.5 Figures

Fonts and details in any figure must be clear and the figure is center aligned. Each figure must have a number and figure title below it. The figure number is center aligned with a 17.5-mm tab to begin the figure title. However, total length of the number and title should not more than 2 lines. A word "shows" is not allowed to use in the figure title. For example, instead of "**Figure 1** shows the relationship between x and y", it must be "**Figure 1** Relationship between x and y".

Drawings must be in black and white colors. Black-and-white photos are recommended to use. There must be 1 blank line above and 1 blank line below a figure. General format for figure is shown in figure 1.



**Figure 1** Symbol of the EIT

## 2.6 Tables

Tables should be left aligned. Letters in the table must be readable and table lines must be in black color. Each table must have a number and table title above it. The table number is left aligned with a 17.5-mm tab to begin the table title. However, total length of the number and title should not more than 2 lines. A word “shows” is not allowed to use in the table title. There must be 1 blank line above and 1 blank line below a table. General table format is shown in Tables 1 and 2.

## 2.7 Equations

Every equation must have a corresponding equation number written in parentheses. Equation numbers must be in appropriate order and right aligned. The suggested details for equation are listed in Table 3 to Table 5. There must be 1 blank line above and 1 blank line below an equation as shown below.

$$A = B + c \cdot \sin \gamma \quad (1)$$

**Table 3** Spacing of equation allowable in MS equation 3.0

|                       |      |
|-----------------------|------|
| <b>Line spacing</b>   | 150% |
| Matrix row spacing    | 150% |
| Matrix column spacing | 100% |
| Superscript height    | 45%  |
| Subscript depth       | 25%  |
| Limit height          | 25%  |

**Table 4** Style of equation allowable in MS equation 3.0

| Style         | Font                | Bold | Italic |
|---------------|---------------------|------|--------|
| Text          | Century School book | -    | -      |
| Function      | Century School book | -    | -      |
| Variable      | Century School book | -    | Yes    |
| L.C. Greek    | Symbol              | -    | Yes    |
| U.C. Greek    | Symbol              | -    | Yes    |
| Matrix-Vector | Symbol              | Yes  | -      |
| Number        | Century School book | -    | -      |

**Table 5** Size of equation allowable by MS equation 3.0

| Full                      | 9 pt  |
|---------------------------|-------|
| Subscript/Superscript     | 7 pt  |
| Sub-subscript/Superscript | 6 pt  |
| Symbol                    | 17 pt |
| Sub-symbol                | 11 pt |

## 2.8 Referring and References

If your paper is submitted with the references in the wrong format, it will be rejected by the Production department. Number or numbers in square bracket are used for referring in the context, e.g., [1],[2-5], [6, 9, and 10]. Referring numbers must be in ascending order from the beginning to the end of the paper.

For References, references' titles and details must be clear. Referring numbers are left aligned with a 7.5-mm tab to begin all reference details. General reference format is shown in Guideline for Listing References section below.

## 3. Paper Submission

For each paper, one original copy, CD-ROM (.doc or .docx and .pdf files), image or picture files (.tiff or .jpg) and covered page shall be sent to the Editor in Committee, Engineering Journal of Research and Development of The Engineering Institute of Thailand, 487 Soi Ramkhamhaeng 39 Ramkhamhaeng Rd; Phlabphla Wangthonglang Bangkok 10310 Thailand. More details and download materials are available at <http://www.eit-researchjournal.com/> or by phone at (66) 0-2184-4600-9 Ext 516 or sent to e-mail [editor-rd@eit.or.th](mailto:editor-rd@eit.or.th)

#### 4. Conclusions

The submitted paper should be strictly conformed to the format described herein. If there is any question, author can contact the Editorial Board using channels stated above.

#### Acknowledgement

The Editorial Board would like to thank all of authors interested in and submit paper to the EIT Research and Development Journal.

#### Guideline for Listing References (Numeric Style)

Source: London South Bank University. *How to Reference: Numeric Style*, 2016 Available from: <https://my.lsbu.ac.uk/my/wcm/connect/cb86d91a-7721-4679-b214-050a40ed4f23/Numeric+referencing+helpsheet+28+2014-2015.pdf?MOD=AJPERES> [Accessed 14 January 2017].

##### 1. Books:

**Print book:** Author's (or editor's) surname and initials. *Title of book*, Edition (other than 1st). Place of publication: Publisher, year.

- [1] Hambley, A. R. *Electrical engineering: principles and applications*, 5th ed. London: Pearson, 2011.
- [2] Brown, R. B. (ed.) *Practical foundation engineering handbook*, 2th ed. New York: McGraw-Hill, 2001.
- [3] Farkas, M. Implementing network security in a local bank. In: Grande, R. (ed.) *Enterprise resource planning system: a theoretical perspective*, 3rd ed. Oxford: Oxford University Press, 2003, pp. 23-42.

**E-book:** Author's surname, Initials. *Title of e-book*, Edition if later than the first. Place of publication if available: Publisher if available, year. Available from: URL [Accessed date].

or: Author's surname, Initials. *Title of book*, Edition if later than the first. Place of publication: Publisher, year. [Name of e-book reader edition].

- [4] Bird, J. *Electrical and electronic principles and technology*, 5th ed. London: Routledge, 2013. [Kindle edition].

##### 2. Journal articles:

**Print journal article:** Author's surname and initials. Title of article. *Journal Title*, Year, volume (issue number), page range of article.

- [5] Basar, E. *et al.* A reliable successive relaying protocol. *IEEE Transactions on Communications*, 2014, 62 (5), pp. 1431-1443.

**Online journal article:** Author's surname and initials. Title of article. *Journal Title*, Year, volume (issue number), page range of article. Available from: URL [Accessed day month year].

- [6] Weber, R. and Staiger, D. Cloud computing: a cluster of complex liability issues. *Web Journal of Current Legal Issues*, 2014, 20 (1). Available from: <http://webjcli.org/article/view/303/418> [Accessed 5 June 2014].
- [7] Rosenberg, J. The future is open. *Think Quarterly*, 2012, October. Available from: <http://www.google.co.uk/think/articles/the-future-is-open.html> [Accessed 3 June 2014].
- [8] Serebryannikov, S. V. The Moscow power engineering institute (Technical University): from 1930 to 2010. *Thermal Engineering*, 2010, 57 (12), pp.12-30. DOI: 10.1134/S0040601510120025.

##### 3. Conference papers

Author's surname and initials. Title of paper. In: Editor's surname and initials (ed.) (if available). *Title of conference*, location of conference, date of conference. Place of publication: publisher (if available), year, page number(s). Include URL and accessed date if online.

- [9] Marnat, L. and Shamim, A. Liquid crystal polymer (LCP) based antenna for flexible system on package (SoP) applications. In: *15th international symposium on antenna technology and applied electromagnetics (ANTEM)*, Toulouse, 25-28 June 2012, pp. 1-4.

#### 4. **Theses / Dissertations**

Author's surname and initials. *Title of thesis*. Degree, awarding body, year. (Include the location of the institution if it is not clear from the name alone).

- [10] Brenner, A-A. *Automated NDT robotic system for inspection of test objects with unknown geometry*. PhD Thesis, London South Bank University, 2008.

#### 5. **Standards**

Author of the standard (usually a corporate author). Standard number and year (separated by a colon). *Title of the standard*. Place of publication: Publisher, year.

- [11] British Standards Institution. BS EN 60598-2-24: 2013. *Luminaires. Particular requirements. Luminaires with limited surface temperatures*. London: BSI, 2013

#### 6. **Patents**

Inventor's surname and initials. *Title of patent document*. Patent code. Patent number and date. Include URL and accessed date if online.

- [12] Philip Morris INC. *Optical perforating apparatus and system*. European patent application. 0021165 A1, 1st July 1981.

#### 7. **Government publications**

Author (usually a Government department). *Title of document*. Place of publication: Publisher (usually The Stationery Office), year. Include URL and accessed date if online.

- [13] Department of Health. *Choosing health: making choices easier*. London: The Stationery Office, 2004.

#### 8. **Web pages**

Author's surname, Initials or name of organisation. *Title of web page/document*, year of publication or date of last update. Available from: URL [Accessed dated].

- [14] IEEE. *New technology connections: future directions*, 2014. Available from: <http://www.ieee.org/about/technologies/index.html> [Accessed 14 May 2014].
- [15] BBC. E-books to outsell print by 2018 says new reports. *BBC News: Entertainment & Arts*, 4 June 2014. Available from: <http://www.bbc.co.uk/news/entertainment-arts-27694650> [Accessed 16 May 2014].