

Guidelines for Manuscript Preparation

1. General

Journal of Materials Science and Applied Energy (JMSAE), journal for the publication of of theoretical and experimental materials science and applied energy includes thermoelectric, piezoelectric, thin films, solar cells, biomass, battery, nanomaterials, microelectronic devices, renewable energy and alternative energy.

JMSAE is peer-reviewed and published as hardcopy and online open-access journal. Every published article was peer-reviewed for the academic correctness by 2 qualified persons. The research recommendations depend on the researcher. It is not necessary to get the consent of the editorial board. It is indexed/abstracted in Thai Journal Citation Index (TCI), Print ISSN: 2286-7201, Frequency: 3 issues/Year (January – April, May – August, September – December)

2. Manuscript Preparation

Manuscript articles must be in English and they must be competently written and argued in clear and concise grammatical English. Acceptable English usage and syntax are expected. Do not use slang, jargon, or obscure abbreviations or phrasing. Metric measurement is preferred; equivalent English measurement may be included in parentheses. Always provide the complete form of an acronym/abbreviation the first time it is presented in the text. Contributors are strongly recommended to have the manuscript checked by a colleague with ample experience in writing English manuscripts or an English language editor.

Typing An article shall be typed into Microsoft Word with a paper size A4. Set the margins from top, bottom and right of the paper at 2 cm while the margins from left shall be set at 2.25 cm. There must be only one column. All pages are to be numbered.

Font Format Use Times New Roman. Font size must be English fonts will be used 12 pt throughout the article. Then, main topic use bold.

Number of Pages The length of a content should not exceed 12 pages, including tables, figure and references (not count Title page).

Symbol use allow insert symbol in MS Word.

Equation will be use program typing equation i.e. Math type. Equation will be set at center letter and running number by curved bracket (...).

Example:
$$D = \frac{K\lambda}{\beta \cos \theta} \quad (1)$$

Figure assign “Fig. __” please provide an image with a minimum of 531 × 1328 pixels (h × w) or proportionally more. The image should be readable at a size of 5 × 13 cm using a regular screen resolution 300 – 1200 dpi. Preferred file types: TIFF, JPEG or BMP.

Table assign “Table __” will be type in MS word or used Picture as resolution 300 – 1200 dpi.

Equation, Table and Figure are to be inserted in the content. Only the essential information of these forms should be shown and arranged to be in coherence with the main content. The names of the tables is to be on the top of them. On the other hand, the names of the Illustration/Figure, charts and graphs are to be shown below them along with concise and complete description.

Content page following by type of manuscript as table;

Types of Manuscript	
Research Article	Review Article
- Abstract (not exceed 300 word) and Keyword (3 – 6 words)	- Summary (not exceed 300 word) and Keywords (3 – 6 words)
- Introduction	- Introduction
- Materials and Methods	- Content
- Results and Discussion	- Conclusion
- Conclusion	- References
- Suggestions	
- Acknowledgement	
- References	

3. Reference

References must be typed together in explicit way in order of their appearance in the text.

3.1 In-text Referencing

In-text referencing shows the source of information in the content. Indicate references by number(s) in square brackets [...] in line with the text. The actual authors can be referred to, but the reference number(s) must always be given.

Example:

Zinc oxide (ZnO) is key materials for researchers because it leading provider of market, technology research and industry analysis services for the thin film, organic and printable electronics businesses [1–4, 6, 7]

3.2 List number the references (numbers in square brackets) in the list in the order in which they appear in the text.

For Journal

First Author, Author2, ..., last Author, Article title, short Journal name. Volume(Number) (Year) page-page.

Example:

[1] K. Singh, I. Bala, V. Kumar, Structural optical and bioactive properties of calcium borosilicate glasses, Ceram. Int. 35 (2009) 3401–3406.

For Book

First Author, Author2, ..., last Author, Book name, Edition, Publisher, Place of Publication(City), Year.

Example:

[2] W. Strunk Jr., E.B. White, The Elements of Style, fourth ed., Longman, New York, 2000.

For Thesis

Author, Thesis title, Degree, University, City, Year.

Example:

[3] W. Strunk Jr., E.B. White, The Elements of Style, Ph.D. Science and Technology, Sakon Nakhon Rajabhat University, Sakon Nakhon, 2000.

For Book article or chapter

First Author, Author2, ..., last Author, Chapter title, in: Editor, Book name, Publisher, Place of Publication(City), Year, pp. page – page.

Example:

[4] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), Introduction to the Electronic Age, E-Publishing Inc., New York, 2009, pp. 281–304.

For Website

Title, URL, Date of Retrieving.

Example:

[5] Quantum Mechanics for Engineers, <http://www.eng.fsu.edu/~dommelen/quantum/index.pdf>, 6 June 2016.

For Conference

First Author, Author2, ..., last Author, Article title, Conference name, Conference venue. Date of Conference, page-page.

Example:

[6] J. Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, Sakon Nakhon Rajabhat University International Conference 2015, Sakon Nakhon Rajabhat University. 24 July 2015, 51–59.

4. Manuscript Submission

Submit your manuscript in word and PDF file onto the online system at <http://e-jmsae.snru.ac.th>

Note: JMSAE will consider the format of manuscript first and not take any action if the format of manuscript incorrectly.