Guidelines for Article Authors

The Journal of Engineering and Industrial Technology, Kalasin University, is published by the Faculty of Engineering and Industrial Technology. It accepts and publishes two types of articles: academic articles and research articles, in both Thai and English. The journal is published six times a year in the following issues:

- Issue 1 (January-February)
- Issue 2 (March-April)
- Issue 3 (May-June)
- Issue 4 (July-August)
- Issue 5 (September-October)
- Issue 6 (November-December)

The scope of the journal includes:
- General Engineering
- Industrial and Manufacturing Engineering
- Mechanical Engineering
- Media Technology and Application
- Architecture

Submitted articles will undergo a double-blind peer review process by at least three experts in the relevant field. Both the reviewers and the authors will remain anonymous to each other. The journal strictly adheres to publication ethics.

1. Initial Consideration

During the initial consideration, the journal will assess whether the article aligns with its objectives and scope. The accepted article types are as follows:

1.1 Types of Articles

- Academic Articles:

These are scholarly articles with correct academic content, clear ideas, and useful contributions to the academic field. They aim to promote and disseminate knowledge. The articles should include an abstract in both Thai and English, an introduction, and the main content divided into sections. The first section should cover the background and literature review, and the second section should include discussions, critiques, and evaluations of ideas or issues

presented, supported by evidence and reasoning. The articles should also include a conclusion, acknowledgments (if any), and references.

- Research Articles:

These articles present research findings with clear methodology and solutions to specific problems. The results should contribute new knowledge to the academic field or professional practice. The articles should include an abstract in both Thai and English, an introduction, research objectives, literature review, research methodology, research results, discussion, conclusion, acknowledgments (if any), and references.

1.2 Scope of the Journal

The journal accepts articles in the following fields:
- General Engineering
- Industrial and Manufacturing Engineering
- Mechanical Engineering
- Media Technology and Application
- Architecture

1.3 Submission and Publication of Articles

The journal only considers articles written in the specified format. Authors intending to submit articles for publication must follow the guidelines and formats provided by the journal. Once an article is accepted for publication, the author must prepare and submit the final version ("Camera-ready") without any errors, as the editorial board will not make any corrections. To ensure quality and expedite the publication process, authors should strictly adhere to the journal's formatting and guidelines.

2. The article's complete format

The article's title ought to appear in its entirety. The article's author's name and address abstracts available in English and Thai. Key terms in English and Thai The entire essay, including the introduction and literature review Methods, results, and conclusions of the research References and acknowledgments The text's content can be categorized into major topics. subtopics and could have their own subtopics. There is no need to fill in the page numbers on each letter; the TH SarabunPSK font size is 16 points.

2.1 Document dimensions and layout configurations

The standard A4 size (8¼ × 11¾inches) is the size of the paper used for printing.   by the section that isn't the article title section. The article's author's name and address Type 2 is for abstracts and keywords. columns by adjusting the following page settings:

Top paper margin: 30 mm

Bottom paper margin: 20 mm

Left paper margin: 25 mm

Right paper margin: 20 mm

Column width: 78 mm

Column spacing: 9 mm

The article should span between 7 to 12 pages, with a maximum limit of 15 pages.

2.2. Title of the article and author details

When typing the article title, include both Thai and English versions. Use 18pt bold font, and capitalize the first letter of each word in the English title, except for noun prefixes, articles, coordinate conjunctions, and prepositions, unless these words are part of the title.

Use a 15pt font for the author's name. The address should include the agency name, address number, district, province, and postal code. Indicate each author's address using a superscript number after their name. Identify the corresponding author with a asterisk (∗) after their name. In the last line of the author's details, provide the contact's e-mail, telephone number, and fax number

Center both the article title and the author details on the page

2.3 In the case of an English article

For articles written in English, use the same font style, size, and format as those written in Thai. However, no Thai language should be included in the body of the article, except for **the title, author names, and abstract.**

3. Abstract and Keywords

The abstract and keywords should be typed in English using the TH SarabunPSK font, size 15pt, and justified alignment. The headings "*Abstract*" should be bold and italicized.

4. Content of the Article

The article should address the significance of research related to the development and application of new concepts in the studied field, particularly in improving the processes and outcomes of academic research. The introduction should emphasize the importance of addressing existing problems and proposing new approaches that can be effectively implemented.

In the literature review, authors should explore and analyze previous research related to the study topic, highlighting the connections between existing concepts and theories. This helps readers to gain a comprehensive view of research in the field and understand the future direction of the study.

The research methodology section should describe the steps and techniques used in data collection and analysis, which are crucial for ensuring the reliability and applicability of the research results in various scenarios. The research should employ diverse methods to obtain comprehensive and reliable data.

The research findings should be presented in the form of basic data and in-depth analysis, providing an overall picture of the study's outcomes. The data should be summarized and presented clearly to enable readers to understand and use the findings in future research development.

The conclusion should summarize key findings and provide recommendations for future research, focusing on improving and advancing the work in the field.

The article content must be typed in a two-column format according to the specified size and spacing. The font size for the content should be 16pt, and the text should be justified. There should be no line breaks between paragraphs (do not press enter when starting a new paragraph). The font styles for the headings are specified as follows:

4.1 Main Heading

Use 16pt bold font for the main headings, and align them to the left margin of the column. The main headings should include Introduction, Literature Review, Research Methodology, Research Findings or Experimental Results, Discussion and Conclusion, Acknowledgments (if any), and References.

4.2 Subheadings and Sub-subheadings

Use 16pt bold font for subheadings and sub-subheadings, and align them to the left margin of the column.

4.3 Guidelines for Writing Units in the Article

To ensure clarity and standardization in academic articles, the following guidelines for writing units should be followed:

4.3.1. Writing Full Units and Symbols for the First Time

- When using a unit for the first time, write out the full name of the unit followed by its symbol in parentheses.
- Example: "This object has an acceleration of 9.8 meters per second squared (m/s^2)."

4.3.2. Using Symbols Subsequently

- After the full unit name has been explained initially, you can use only the symbol in subsequent instances.
- Example: "In the next case, the measured acceleration is 10 m/s^2."

4.3.3. Writing Units with Exponents

- Use the standard symbols for the units and write the exponents correctly.
- Example: Square meters (m^2), cubic meters (m^3), meters per second squared (m/s^2).

4.3.4. Creating a Symbol Table

- If there are many or complex units used, a table explaining the symbols used in the article can be created in the appendix or introduction.

- Example:

Symbol	Description
m^2	Square meter
m^3	Cubic meter
m/s^2	Meter per second squared
J	Joule (unit of energy)

4.3.5. Maintaining Consistency

- Use the symbols explained in the article consistently. Do not change the writing style in different parts of the article.

5. Figures, Tables, and Equations

5.1 Figures and Tables

Figures and tables can be presented immediately following the text that refers to them, after the end of the section, or on a new page. The size of figures and tables should not exceed the column width, but if they are large, they can span both columns without exceeding the margins set in section 2.1.

Both figures and tables must have captions. The caption for a figure should be centered below the figure. If a figure is divided into two parts, label each part with a letter in parentheses in either Thai or English, such as (ก) and (ข) or (a) and (b). The caption for a table should be placed above the table and aligned to the left margin of the column or page. Figures and tables should be numbered separately in the article.

Figure and table numbers should be indicated as "Figure" and "Table," respectively, such as Figure 1, Figures 1–3, Table 1, Tables 1–3, etc.
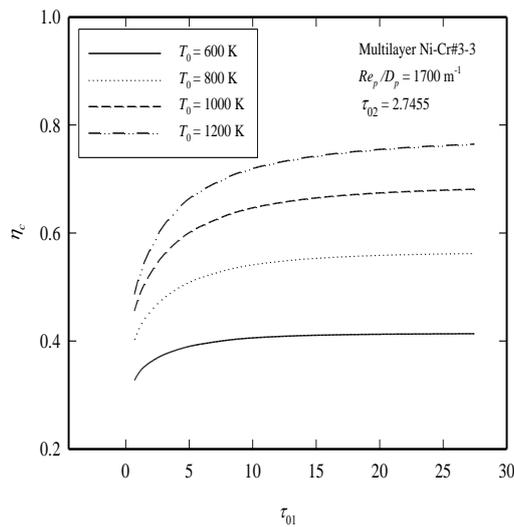

Figure 1: The relationship between thermal radiation conversion efficiency and the optical thickness of the porous material layer

Table 1: Petroleum consumption in various economic sectors of Thailand (Unit: million liters)

Economic Sectors	ปี	
	2545	2546
Agriculture	3,509	3,827
Mining	19	26
Industry	4,821	4,937
Electricity	703	757
Construction	169	172
Residential and Commercial	2,729	2,792
Transportation	23,980	25,475
Total	35,930	37,986

5.2 Equations

When writing equations, use the following font guidelines:

Variables: Italic font (e.g., *x, y*)

Text: Upright font (e.g., Constant)

Numbers: Upright font (e.g., 12345)

Equations should be centered in the column and numbered sequentially using numbers in parentheses, such as (1), (2), etc.

$$\frac{p}{\rho g} + \frac{v^2}{2g} + z = \text{Constant} \tag{2}$$

when p is pressure, N/m²

v is velocity, m/s

z is height, m

6. Acknowledgments

If you wish to include acknowledgments to thank individuals or organizations, it should be placed after the main content of the article and before the references.

7. References

Compile a list of publications and knowledge materials used as evidence or references for the study at the end of the article. References in the article should follow the IEEE format, using bracketed numbers such as [1], [1,2], or [1-3], ordered sequentially as they appear in the text. The format for listing references from various sources is specified as follows:

Writing Author Names
- Author names should be written with the first initial followed by the last name, e.g., W. K. Chen.
- If there are multiple authors, use a comma (,) to separate each author's name and use "and" before the last author's name.
- If there are more than three authors, write the first author's name followed by "et al."

Referencing a Book
Format: [Number] Author's Name, *Title of Book,* Edition, Place of Publication: Publisher, Year of Publication.

Example:

[1]   W. K. Chen, *Linear Networks and Systems*, 2nd ed., Belmont, CA: Wadsworth, 1993.

Referencing an Edited Book

Format: [Number] Editor's Name, ed., *Title of Book*, Edition, Place of Publication: Publisher, Year of Publication.

Example:

[2]   J. Smith, ed., *Advances in Digital Technology*, 2nd ed., New York, NY: Tech Press, 2020.

Referencing a Chapter from an Edited Book

Format: [Number] Author's Name, "Title of Chapter," in *Title of Book*, Editor's Name, ed., Edition, Place of Publication: Publisher, Year of Publication, pp. Page Numbers.

Example:

[3]   W. Brown, "Information Technology in Business," in *Advances in Digital Technology*, J. Smith, ed., New York, NY: Tech Press, 2020, pp. 45-67.

Referencing an E-book

Format: [Number] Author's Name, *Title of Book*, [online]. Available: URL. [Accessed: Day Month Year].

Example:

[4]   J. *Doe, Software Development*, [online]. Available: https://www.example.com/ebook. [Accessed: 5 March 2024].

Referencing a Journal Article

Format: [Number] Author's Name, "Title of Article," *Title of Journal*, vol. Volume Number, no. Issue Number, pp. Page Numbers, Year of Publication.

Example:

[5]   J. U. Duncombe, "Infrared navigation—Part I: An assessment of feasibility," *IEEE Transactions on Electron Devices*, vol. ED-11, no. 1, pp. 34-39, Jan. 1959.

[6]   L. Brown, K. Williams, and M. Davis, "Innovations in renewable energy technologies," *Journal of Energy Research*, vol. 8, no. 4, pp. 200-215, 2021.

[7]   M. Johnson, et al., "Data mining techniques in financial forecasting," *Journal of Financial Analysis*, vol. 7, no. 4, pp. 143-158, 2022.

Referencing a Conference Paper

Format: [Number] Author's Name, "Title of Paper," in *Name of Conference*, Location of Conference, Year of Conference, pp. Page Numbers.

Example:

[8]   W.-K. Chen, "A mixed-signal approach for improving the accuracy of an RF power amplifier," in *Proceedings of the 1999 IEEE International Symposium on Circuits and Systems*, Orlando, FL, 1999, pp. 353-356.

[9]   A. Thompson, et al., "Smart health monitoring systems using IoT," in *Proceedings of the 2023 International Conference on Smart Health (ICSH)*, Boston, MA, 2023, pp. 89-97

Referencing a Thesis/Dissertation

Format: [Number] Author's Name, "Title of Thesis/Dissertation," Degree Level, Department, University, Year of Publication.

Example:

[10] J. O. Williams, "Narrow-band analyzer," Ph.D. dissertation, Dept. Elect. Eng., Harvard Univ., Cambridge, MA, 1993.

Referencing a Technical Report

Format: [Number] Author's First Name, "Title of Report," *Report Title*, Report Number, Organization Name, Location, Year of Publication.

Example:

[11] R. J. Hijmans, "Cross-validation of species distribution models: removing spatial sorting bias and calibration with a null model," *Ecology*, vol. 93, no. 3, pp. 679-688, Mar. 2012.

Referencing a Standard

Format: [Number] Title of Standard, Standard Number, Year of Publication.

Example:

[12] IEEE Criteria for Class IE Electric Systems, IEEE Standard 308, 1969.

Referencing a Website

Format: [Number] Author's Name/Organization Name, "Title of Webpage," [online]. Available: URL. [Accessed: Day Month Year].

Example:

[13] The Editors of Encyclopaedia Britannica, "Wavelength," [online]. Available: https://www.britannica.com/science/wavelength. [Accessed: 30 August 2023].

Including a DOI (Digital Object Identifier)

If a DOI is available, it can be included at the end of the article reference.

Format: At the end of the article reference, followed by DOI: DOI Number.

Example:

[14] J. U. Duncombe, et al., "Infrared navigation—Part I: An assessment of feasibility," *IEEE Transactions on Electron Devices*, vol. ED-11, no. 1, pp. 34-39, Jan. 1959. DOI: 10.1109/TED.1959.15368.

[15] T. Harris, J. Kim, and L. Nguyen, "An evaluation of IoT security protocols," in *Proceedings of the 2022 International Conference on Internet of Things (ICIoT)*, New York, NY, 2022, pp. 123-130. DOI: 10.1109/ICIoT.2022.12345.

8. Pre-submission Checklist

Authors must submit their articles in both MS Word and PDF formats. Authors are requested to test print the article from the files they intend to submit and check for file completeness, content integrity, and clarity of text, images, tables, and equations before sending the files to the organizers. The completeness of the article is the direct responsibility of the author, and the committee reserves the right to reject incomplete articles.