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Abstract

The 7th International Conference on Global Sustainability and Chemical Engineering (ICGSCE 2026), held in conjunction with the 1st International Petroleum and Energy Summit (IPET 2026), is an international scholarly event organised by the Faculty of Chemical Engineering, Universiti Teknologi MARA, Malaysia. The conference is designed to address the evolving roles and responsibilities of chemical, petroleum engineers in advancing sustainable solutions while meeting the growing demands of industry, society, and the global energy system. This conference serves as an integrated platform that brings together expertise across sustainability, chemical engineering, petroleum engineering, and energy systems. It reflects the increasing convergence of these disciplines in responding to global challenges such as energy transition, environmental protection, digital transformation, and regulatory compliance. By convening IPET 2026 alongside ICGSCE 2026, the event strengthens cross disciplinary dialogue between upstream and downstream petroleum sectors, advanced materials development, process engineering innovation, and sustainability driven technologies. Aligned with the conference tagline Advancing Sustainable Solutions Across Petroleum, Energy, and Chemical Engineering, the programme aims to showcase cutting edge research, technological advancements, and industrial best practices through keynote lectures, invited talks, oral presentations, poster sessions, and technical discussions. The conference scope encompasses sustainability and energy transition, chemical and process engineering innovation, oil and gas and energy systems, advanced materials and nanotechnology, environmental and green engineering, digitalisation and artificial intelligence in engineering, safety and regulatory frameworks, engineering education, and petroleum engineering and subsurface systems. (Maximum of 250 words)

Keywords: Sustainability, Chemical, Petroleum, Energy, Engineering (5 Keywords)

1.0 INTRODUCTION (HEADING A)

The paragraphs continue from here and are only separated by headings, subheadings, images, and formulae. The section headings are arranged by numbers, bold and 10 pt. Here are further instructions for authors. (Use Style: Body)

Files should be in MS Word format only and should be formatted for direct printing. Figures and tables should be embedded and not supplied separately. Kindly ensure the manuscript is well written with minimum language errors. Any poorly written manuscript will not be accepted at the initial screening stage. Follow this order when typing manuscripts: Title, Authors, Affiliations, Abstract, Keywords, Main text (including figures and tables), Acknowledgements, References, in a separate section at the end of the article.

Please do not alter the formatting and style layouts which have been set up in this template document. As indicated in the template, papers should be prepared in single column format. (Use Style: Body).

2.0 INSERT YOUR HEADING HERE (HEADING A)

2.1 Table and Caption (heading B)

All tables should be numbered with Arabic numerals. Headings should be placed above tables, left justified, and bold. Leave one line space between the heading and the table, by choosing Table Caption in the Styles Gallery. 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 into the text and not supplied separately. The source of data must be provided i.e., literature (s) or author's own data. Below is an example which authors may find useful.

Table 1. An example of a table (Font = 9; Click 'Table Caption' on the Styles Gallery; No period at end of caption)

An example of a column heading	**Column A (*t*)**	**Column B (*T*)**
And an entry	1	2
And another entry	3	4
And another entry	5	6

Footnotes should be avoided if possible. Necessary footnotes should be denoted in the text by consecutive superscript letters. The footnotes should be typed single spaced, and in smaller type size (7pt), at the end of table. The 'footnote' style is available in this template for the text of the footnote.

The manuscript's references and citations should be written using the APA 7th edition style. In terms of the in-text citation style, APA uses the author's last name and the year of publication, for example: (Field, 2005); (Field & Thomas; 2014). If there are three or more authors, cite only the surname of the first author followed by "et al." and the year., for example: (Field et al., 2017).

2.2 Figure and Caption (heading B)

All figures should be numbered with Arabic numerals (1,2,...n). All photographs, schemas, graphs and diagrams are to be referred to as figures. Line drawings should be good quality scans or true electronic output. Low-quality scans are not acceptable. Figures must be both embedded into the text and all images should met the minimum requirement of 500 x 500 pixels. Lettering and symbols should be clearly defined either in the caption or in a legend provided as part of the figure. 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.

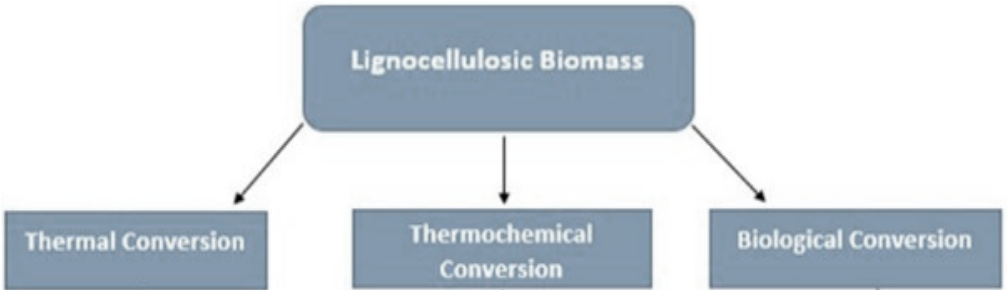

Fig. 2. (left) this framework is a non-editable diagram, appears blurry and hence, is unacceptable;
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Diagrams can be in the form of framework, process flow, chart, or any visual aids that are meant to support the written text. Any diagrams built using Microsoft Word or Microsoft Power Point's Smart

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2.2.1 Equation (Heading C)

Equations and formulae should be typed and numbered consecutively with Arabic numerals in parentheses on the right-hand side of the page (if referred to explicitly in the text). They should also be separated from the surrounding text by one space. Eq. (1) shows the sample of equation position in a manuscript. If you chose to use the Equation Editor, please ensure that the manuscript is saved using .docx format (rather than .doc), and Compatibility Mode is turned off.

$$Rt = K\,EP = 93.02\ (\pm\ 9.62) - 13.45 \quad (1)$$

2.2.2 Reference and Citation (Heading C)

The manuscript's references and citations should be written using the APA 7th edition style. In terms of the in-text citation style, APA uses the author's last name and the year of publication, for example: (Field, 2005); (Field & Thomas; 2014). If there are three or more authors, cite only the surname of the first author followed by "et al." and the year., for example: (Field et al., 2017).

3.0 RESULT AND DISCUSSION

For different heading level in this section, please follow the heading level as in topic 2. Use style (in the main tab – Heading A, B and C) for your reference.

4.0 CONCLUSION

Please conclude your findings.

ACKNOWLEDGEMENT

This section is compulsory. The following is an example of an acknowledgement statement: The authors would like to acknowledge the support of Universiti Teknologi MARA (UiTM), Faculty of Chemical Engineering, Universiti Teknologi MARA, Shah Alam, Selangor, Malaysia for providing the facilities and financial support on this research.

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