



Selangor Techsphere Innovation Competition (STIC 2025)

Website:
<https://fels.unisel.edu.my/stic2025/>
ISSN: XXXX-XXXX

TITLE OF THE INNOVATION (TNR, Bold 14pt centered)

Author, A¹, Author, B², and Author, C³ (TNR 11pt centered)

¹Institution 1 (TNR 11pt centered)

²Institution 2 (TNR 11pt centered)

³Institution 3 (TNR 11pt centered)

E-mail (corresponding author)

¹ Institution 1

² Institution 2

ARTICLE INFO

Highlight

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(will be completed by the organizer)

Keywords:

List minimum five keywords to portray the innovation and in alphabetical order

aaaa; bbbb; cccc; dddd; eeee

An extended abstract must be accompanied by a section to highlight about the innovation. This section must not more than 300 words, written in English. It summarises the major aspects. It allows readers to glance through the contents of extended abstract. The abstract should contain a concise description of the innovation which includes problem statement(s), objective(s), methodology/innovation development, findings/outcome/analysis, commercial potential and conclusion. The abstract should be typed with single spacing using size 10 Times New Roman font.

1. Introduction/Problem statement (headlines: TNR Bold, 11pt)

For the Selangor Techsphere Innovation Competition (STIC 2025), papers of relevant topics within the published theme are invited for competitions. Authors are requested to submit an extended abstract with **three (3) pages minimum and not exceeding five (5) pages** in English. An extended abstract is meant to give judges/reviewers enough detail to evaluate the innovation without needing the full paper.

The extended abstract must include the title, author(s) introduction, material and methods, results and discussion, conclusion and references. The extended abstract should be prepared on an A4-sized paper with 25 mm margins on all sides and typed with single spacing using size 11 Times New Roman (TNR) font. All illustrations must be prepared inside of the main text.

Content of this section normally $\approx$ 1–2 paragraphs. The innovator can briefly introduce the context (field/sector), identify the problem or gap your innovation addresses. May include explanations why this problem is important (Ex: social, industrial, environmental, educational impact, etc.). In the text, references should be cited with the name of the author(s) with the year of publication in parenthesis, e.g., Philip (1957), Taylor and Baker (1986), Smith et al. (1987). This document has all the formats pre-defined and correct. We encourage you to use this document as a template. If you already have a paper in a different format, you can copy the styles from this document into your file.

2. Objective of the Innovation (Headlines: TNR, Bold, 11pt)

State the main goals of the innovation and clarify the aim to improve, solve, or transform.

3. Materials, Methodology/Development Process (Headlines: TNR, Bold, 11pt)

The methodology must be clearly stated and described in sufficient detail or with sufficient references. (*≈ 2–3 paragraphs with optional figure/diagram*)

Among the contents are description how the innovation was developed (design thinking, prototyping, lab testing, survey, etc.). Mention the tools, technologies, or approaches used. Highlight the uniqueness of your process compared to existing methods.

4. Key Features of Innovation (Headlines: TNR Bold, 11pt)

(Bullet points or table is recommended)

- List the main innovative elements.
- Explain how these features solve the identified problem.
- Compare with conventional solutions (if possible).

5. Results and Outcome (Headlines: TNR Bold, 11pt)

The findings, performance, analysis and impact of the innovation and arguments of the work should be explicitly described and illustrated. Include any test results, pilot studies, or user feedback. Show evidence of effectiveness (graphs, prototype images, survey results). Discuss about the outcome and significant of the findings. All the tables, images and figures should be centered. Figures and images should be numbered and figure caption should be placed under the figure or image; as for the tables, it should also be numbered and the table caption should be placed at the top. References (if any) of the tables, figures and images should be presented right under the tables, figures or images in the form of author surname and publication date.

6. Significance and Potential Impact (Headlines: TNR Bold, 11pt)

Explain the value of the innovation for society, industry, or academia (*≈ 1–2 paragraphs*). Discuss potential applications, commercialization prospects, or scalability and mention sustainability, cost effectiveness, or accessibility if relevant.

Special format

6.1 Equations

Equations should be centered and numbered consecutively, as in Eq. [1]. An alternative method is given in Eq. [2] for long sets of equations where only one referencing equation number is wanted.

(1 line spacing here)

$$F((A - b_n)^2, c_n^2, D) = \frac{1}{(23\pi)^{1/3}} \int \frac{d^3 b_n}{3\omega_i} \delta^4(A - b_n - D + c_n) \quad [1]$$

(1 line spacing here)

where,

$$A = \begin{bmatrix} E_{11} & E_{12} & E_{21} & E_{22} \\ E_{12} & E_{13} & E_{22} & E_{23} \end{bmatrix} \quad [2]$$

a. List

Lists can be provided using either numbers or bullets:

- i. List item 1 like this;
- ii. List item 2 is an example of a longer list item that wraps to a second line, where the second line is indented.

The example for bulleted items like this:

- List item 1;
- List item 2.

b. Tables and figures

Tables and figures should appear in one column of a page and be numbered consecutively. Figures and texts may appear on the same page, and a centered caption should appear directly beneath the figure. It is preferable that figures be mounted in portrait style and figure captions are usually no longer than two lines. On figures showing graphs, both axes must be clearly labeled (including units if applicable). Tables should be designed to have a uniform style throughout the paper, following the style shown in Table 1. Table captions should be in 10pt Time News Roman (TNR) bold, centered, and the texts in Table should be set in 9pt Time News Roman (TNR) font.

Table 1 Caption heading for a table should be placed at the top of the table and within table width.
(Use “Time news roman” font, size 10pt, No spacing after table title)

	A	B	C	D
A	Aa	Ab	Ac	Ad
B	Ba	Bb	Bc	Bd
C	Ca	Cb	Cc	Cd
D	Da	Db	Dc	Dd

Authors are advised to prepare their figures in either black and white or color. Please prepare the figures in high resolution (300 dpi) for half-tone illustrations or images. Pictures must be sharp enough otherwise they will be rejected. Figures must be originals, computer-generated or drafted, and placed within the text area where they are discussed. Figure 1 shows one example. Figure captions should be in 10pt Time News Roman (TNR) font, bold, centered. When applicable, the texts in graphs, illustrations or images should be set in 8pt Time News Roman (TNR) font.

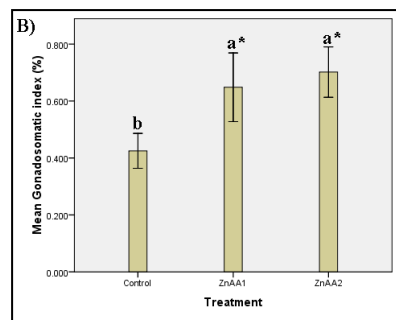


Figure 1 The caption heading for a figure should be placed below the figure within figure/illustration width.
(Use “Time News Roman” font, size 10pt, no spacing between title and figure)

c. Footnotes

Footnotes are denoted by a character superscript in the text ^b.

d. Units

Use either SI (MKS) as primary units. English or CGS units may be used as secondary units (in parentheses). Avoid combining SI and CGS units. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity that you use in an equation. Do not mix complete spellings and abbreviations of units. Spell out units when they appear in text.

7. Conclusion (Headlines: TNR Bold, 11pt)

Conclusions should summarize the main achievement of the innovation. May include (1) the principles and generalisations inferred from the results, (2) any exceptions to, or problems with these principles and generalisations, (3) theoretical and/or practical implications of the work, and (5) conclusions drawn and recommendations. State future plans for improvement or broader implementation.

8. Acknowledgment (Headlines: TNR Bold, 11pt)

The authors would like to express appreciation for the support of the sponsors [Project Number = XXXXXXXX].

9. References (Headlines: TNR Bold, 11pt)

References should be listed arranged in alphabetical order using 7th edition APA referencing style in 10pt TNR, beginning with the author's names and initials, followed by the year of publication, title of periodical, volume and page.

Examples:

- Adaline, N. (2011). The Different Language Style and Language Function Between Students and Teachers in Updating Their Status In Facebook Webpage (A Case Study of the Topic National Final Examination 2011)(Doctoral dissertation, University of Diponegoro).
- Alessandra, A. J., O'Connor, M. J., & Van Dyke, J. (1994). People Smarts: Bending the Golden Rule to Give Others what They Want. Pfeiffer.
- Burleson, B. R., Holmstrom, A. J., & Gilstrap, C. M. (2005). "Guys Can't Say That to Guys" Communication Monographs, 72(4), 468-501.