**Title of Manuscript****(Time New Romans 14pt, Bold, left/justify text)**

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*1 Affiliation 1, Province, Post code, Country*

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*Corresponding Author: xxxxxx@xxx.xx*

 **Abstract**

This document gives you the necessary information related to the organization and formats used for preparation the full manuscript that will be submitted in Thai Journal of Nanoscience and Nanotechnology (TJNN). The page setting of the manuscript must be in A4 (21 x 29 cm2) format with the margins: top/bottom 2.54 cm (1 inch) and left/right 2.54 cm (1 inch)**.** The font used in the draft is regular Time New Romans with text size and line spacing of 11pt and 1 times, respectively. The first page of the manuscript is composed of title, author name(s) and author affiliation(s) followed by the abstract containing maximum 300 words. Then, the keywords and e-mail address of corresponding author are put in as the end of the first page. The body of the manuscript consists of 4 main sections, e.g., 1. Introduction, 2. Experimental details, 3. Results and discussion and 4. Conclusion. It is possible to add a subsection into the main section in order to better categorize the experimental or result and discussion details. In addition, the tables and figures are asked to be added together with the text in the paragraph. The acknowledgments and references will be added at the end of the manuscript. More information related to the formats of references, tables as well as figures required for the script will be presented afterward in the sections.

**Keywords:** Word 1, Word 2, Word 3 (separated the words by “,” and 5 maximum words) [Time New Romans 11pt, left/justify text]

**1. Introduction** [Time New Romans 12pt, Bold, Aligned left]

The body of the manuscript consists of 4 main sections, e.g., 1. Introduction, 2. Experimental details, 3. Results and discussion and 4. Conclusion. It is possible to add subsection into the main section in order to better categorise the experimental or result and discussion details. In addition, the tables and figures are asked to add together with the text in the paragraph. The acknowledgements and references will be added as the end of the manuscript. More information related to the formats of references, tables as well as figures required for the script will be presented afterward in the sections. [Time New Romans 11pt, left/justify text, 1 line spacing]………………………………………………..…………

**2. Experimental** [Time New Romans 12pt, Bold, Aligned left]

**2.1 Major-sections and sub-sections** [Time New Romans 11pt, Bold, Aligned left]

 Major-section headings are numbered by 1., 2., 3., etc. and typed in boldface capital and lowercase letters. [Time New Romans 12pt, Bold, Align left] Sub-section headings are numbered by 1.1., 1.2., 1.3., etc and typed as part of the succeeding paragraph. [Time New Romans 11pt, left/justify text, 1 line spacing]. <one blank line> is used to separate each section............................................................................

**2.2. Units used in the manuscript** [Time New Romans 11pt, Bold, Aligned left]

 Use only SI units. Do not add “s” to indicate the plural of units. Do not confuse the symbol for the unit (s, V, Ω, etc.) and the name of the unit (second, volt, ohm, etc.). The arbitrary unit must be “arb. unit”. The product of two units must be indicated as follows: m·N or Nm. The quotient of two units must be indicated as follows: m·s-1 or m/s…[Time New Romans 11pt, left/justify text, 1 line spacing]. ………………………………………………………………………………………...

**2.3 Figures** [Time New Romans 11pt, Bold, Aligned left]

 Figures must be completed so that no editing will be required. Cite in the text by using following format: Fig. 1, Fig. 2 a), ... [Time New Romans 11pt]. If a figure has parts, these should be clearly labelled as a), b), …, etc on the figure. The width of the figure must not be larger than 16 cm and the resolution of the figure should be as high as 300 dpi (dot per inch). The figure captions are typed under the figure by using 11pt regular Time New Romans with center or justify text………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………...……

b)

a)

TJNN

2 nm

TJNN

2 nm

**Fig. 1.** a) Xxxxxxxxxxxx b) Xxxxxxxxxxxxx, and c)……………..

**2.4 Tables**

 Cite in the text by using following format: Table 1, Table 2, ... [Time New Romans 11pt]. A descriptive title should be placed above each table. The text used in the table and their caption are typed in 10pt. regular Time New Romans. Units in tables should be given in square brackets [meV]. If square brackets are not available, use curly {meV} or standard brackets (meV). The width of the table must not be larger than 16 cm.

**Table 1.**  Xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **XXXX** | **XXXX** | **XXXX** | **XXXX** | **XXXX** |
| xx | xx | xx | xx | xx |
| xx | xx | xx | xx | xx |
| xx | xx | xx | xx | xx |
| xx | xx | xx | xx | xx |
| xx | xx | xx | xx | xx |

**2.5 Math and Equations**

 Refer in the text by using following format: Eq. 1, Eq. 2, … [Time New Romans 11pt]. Equations and formulas must be created using equation feature in Microsoft Word. Use the Symbol Font for Greek letters and other symbols. Label equations with parenthesized numerals such as (1), (2) or (1.1), (1.2), ...,(2.1), (2.2). Braces, parentheses, etc., should be used in the following order: {[(···)]}.

|  |  |  |
| --- | --- | --- |
|  | $$x=\frac{-b\pm \sqrt{b^{2}-4ac}}{2a}$$ | (1) |

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**3. Results and discussion** [Time New Romans 12pt, Bold, Aligned left]

**3.1 …………………………………..** [Time New Romans 11pt, Bold, Aligned left]

 ………[Time New Romans 11pt]………………………………………………… ..………………………………………………………………………………………………………………………………………………………………………………..

**3.1.1 ……………………………..** [Time New Romans 11pt, Bold, Aligned left]

 ………[Time New Romans 11pt]……………………………………………. …………………………………..……………………………………………………..…………………………………………………………………………………………………………………………..

**4. Conclusion** [Time New Romans 12pt, Bold, Aligned left]

This document provides the necessary information that helps the author to prepare the submitted manuscript. The author is suggested to read this document carefully and strictly follow the instructions to avoid the formatting re-correction.…[Time New Romans 11pt]……………………………………………………………………

**Acknowledgment** [Time New Romans 12pt, Bold, Aligned left]

Thanks for grants, equipment, samples, etc., should be expressed in this section……[Time New Romans 11pt]…………………………………………….… ….………………………………………………………………………………………….......................................................................................................................

**References**

References must be cited in the text with numbers enclosed in square brackets, such as [1], [2], [3]-[8], [3], [7], [9]. References are formatted in APA style, Times New Roman 11pt, justify text, and listed with ordered numbers enclosed in square brackets. Examples of reference citations are provided below:

• Reference to a publication:

[1] Petitti, D. B., Crooks, V. C., Buckwalter, J. G., & Chiu, V. (2005). Blood pressure levels before dementia. *Archives of neurology*, *62*(1), 112-116.

• Reference to a publication (under submitting process):

[2] Ong, R. J., Dawley, J. T., & Clem, P. G. submitted to Journal of materials research, 2003.

• Reference to a book:

[3] Carlson, B. M. (2018). *Human embryology and developmental biology*. Elsevier Health Sciences.

[4] Victoria, A. (2016). *Ambulance Victoria Clinical practice guidelines for ambulance and MICA paramedics*. Ambulance Victoria.

• Reference to a chapter in an edited book:

[5] Speroff, L., & Fritz, M. A. (Eds.). (2005). *Clinical gynecologic endocrinology and infertility*. lippincott Williams & wilkins. Chapter 29, Endometriosis; p. 1103-33.

• Reference to a webpage on the internet

[6] Diabetes Australia. Diabetes globally [Internet]. Canberra ACT: Diabetes Australia; 2012 [updated 2012 Jun 15; cited 2012 Nov 5]. Available from: http://www.diabetesaustralia.com.au/en/Understanding-Diabetes/Diabetes-Globally/.

• Reference to a patent:

[7] Clem, P. G., Rodriguez, M. A., Voigt, J. A., & Ashley, C. S. (2001). *Process for forming epitaxial perovskite thin film layers using halide precursors* (No. US 6231666). Sandia National Laboratories (SNL), Albuquerque, NM, and Livermore, CA (United States).