

The title of an English manuscript is designed with bold and capital letters for all the initial letters of each word except connecting words, and everything must use Verdana type font size 13

(The title must be short and clear using Verdana version 13 bold letters, no abbreviations may be written except those that are common, year, and a maximum of 20 words. However, it must be equipped with independent, bound, and setting variables or objects)

Author names should be in bold, using Verdana 12 font. Use superscripts 1, 2, and so on if more than one author has different affiliations. Mark the corresponding author with an * (asterisk) and an email address. Priority will be given to papers with authors from abroad or with foreign affiliations.

¹Institution agency is completed with street address, please use Verdana 9 regular.

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Paloh, A.M, Apasyeh, T., & Amin, M. (20xx). Application of the Problem Based Learning Model To Improve High Level Thinking Skills for Students in Learning Thermochemical Material. *JIIPI (Jurnal IPA dan Pembelajaran IPA)*, x(x), xx-xx

Abstract. Abstract contains a brief and clear description of the problem, objectives, data collection procedures and analysis techniques, research results, and conclusions. Abstracts must be written in English and contain a maximum of 250 words, avoiding statistical symbols and unusual abbreviations. Abstract is written in Verdana font 8 with single spacing.

Keywords: contain 3-5 words and are written using the Verdana font 8

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Introduction (Verdana 12, bold, capital initial letter, and centre)

The introduction must contain a complete description of the problem that is narrated in a clear and detailed manner and contains the urgency of research supported by authentic data and facts, and ends with a specific purpose. The contents of the introduction are written in the regular Verdana 10 font. It contains discussed background topics, general understanding of terms that are the subject of research, relevant research results that have already existed, research objectives, and reveal the novelty of the paper discussed. The length of the introduction text is at least one full page.

The introduction should also contain a clear novelty and be supported by at least five recent articles from reputable international journals within the last five years. Authors should avoid presenting data in tables or figures in this section. Reference citations should follow the Harvard system, starting with the last name of the first author and followed by et al., if there are more than two authors, followed by the year of publication of the reference (Nakasone et al., 2024).

Paragraph writing is in the form of one column aligned to the left and right margins, except that every time you start the first line of the paragraph, it must indent within 5 letters of the left margin. Reference writing cannot be a direct quote and must follow the description of the previous statement.

Methods (Verdana 12, bold, capital initial letter)

The writing method uses the usual Verdana font 10 with single spaces. Describe in detail the data collection procedure starting from the sample or research subject used, the research design, to the analysis technique. The method section should be narrated in paragraph form containing clear sentences, but if the research procedures and analysis techniques are too long, they may be presented in the form of a flow chart.

This section should not write down the theoretical basis except for the basis for confirmation or decision making. Furthermore, a reference may be written which is the basis for the modification of the research procedure or analysis technique used.

Writing formula or calculation formula with the insert facility equation from Microsoft word. No crop-copy-paste. Layout of writing justifies formulas with initial letters parallel to the left margin and is followed by the sequence number of the formula in brackets (...). Each symbol contained in the formula must be given information as in the following example:

$$\varepsilon (\%) = \left(\frac{m_1 - m_2}{m_1} \right) \times 100 \quad (1)$$

$$Sd (\%) = \left(\frac{m_1 - m_2}{m_1} \right) \times 100 \quad (2)$$

Remark:

ε (%) : membrane porosity

Sd (%) : degree of expansion

m_1 = : total volume of wet membrane

m_2 = : total volume of dry membrane

The formula is typed left aligned, not center, and the formula number is typed right aligned. Description of the formula. Formula is written with the font Verdana 10 regular.

Results and Discussion (Verdana 12, bold, capital initial letter)

The presentation of the research results and their discussion must be written in a single unit, after which the data on the research results are discussed in depth with citations in relevant journal articles. The writing of this section uses the usual Verdana letters in 10 fonts and single spacing in the form of aligned left and right and the beginning of the paragraph fits into 7 letters from the left margin.

Simple research data is simply narrated in the form of complete and clear sentences, while complex data is presented in the form of tables and or pictures as needed.

Making/designing a table follows the format as an example. The table is made with no vertical lines (column lines) as the format and examples be low).

Table 1.The word "table" and table number are written with bold Verdana 10 font. Table note is written with regular Verdana 10 font.

N o	Description	Medium concentration (%)
1.	(NH ₄) ₂ HPO ₄	1.6
2.	K ₂ HPO ₄	3.0
3.	KH ₂ PO ₄	1.5
4.	MgSO ₄	2.5
5.	Microelement	4.2

Table content is discussed if necessary as investigation aim discussed in Introduction section.

The way to make/design a figure follows format as the exampe below. Figure is not completed with the frame and grid line. The X axis title and Y axis use regular Verdana 9. If the figure (graph) is moved from a software (it is suggested to use microsoft excel or graph), special copy-paste should be selected. The aim is to facilitate the author to re-design the layout if the author's figure design has not matched the editor's layout.

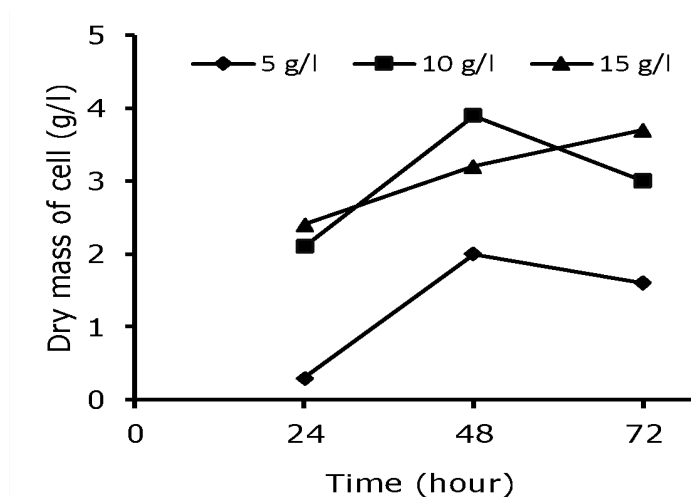


Figure 1. The word "Figure" and figure number is written with bold Verdana 10 font.

(the figure title is written regular Verdana 10 font. The figure description justified with the word 'Figure' is in left side, and writing in the the second line is parallel to the first letter after the figure number).

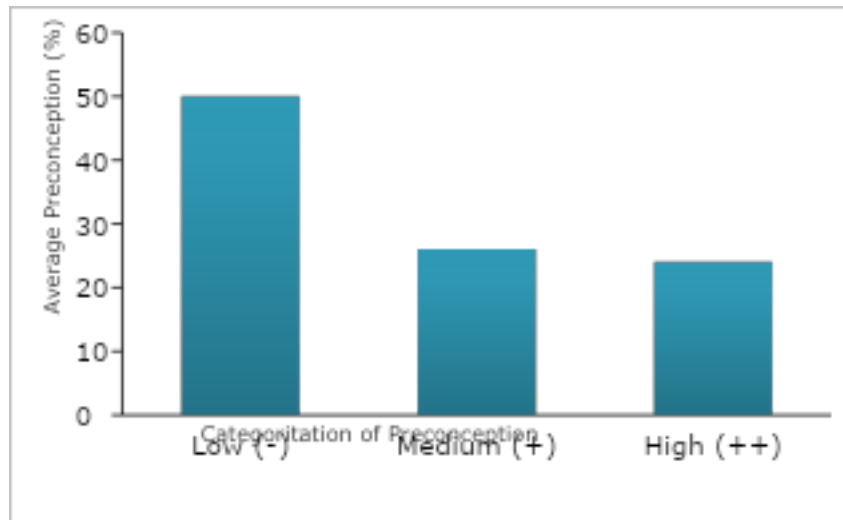


Figure 2. Graph of preservice teachers preconception

Conclusion (Verdana 12, bold, capital initial letter)

The conclusion should be written in one paragraph containing several simple sentences that answer the problem statement or purpose of the paper, as narrated in the introduction. The sentences should not contain theories, formulas, statistical symbols, or citations. The writing should be aligned with the left and right sides, and only the first line should be indented 7 times using standard Verdana font, size 10. Suggestions or recommendations are not required.

Acknowledgement (If any)

(use bold, capital, Verdana 12, initial letter, without number)

This section contains words of gratitude in the form of one or more simple sentences addressed to contributing parties, especially funders, validators, facilitators, and observers. The writing system is aligned left-right and only the first line is indented into 7 letters using the usual Verdana letter 10.

References

(Bold, capital, Verdana 12, bold, initial letter, without number)

The number of references cited in the paper must be at least 30 and at most 50. At least 90% of the references must be primary sources or recent, high-quality scientific journal articles, with at least 50% in English.

References must be written in standard Verdana 10 font. The American Psychological Association (APA) style is used, with the authors' surnames listed alphabetically. If the

reference title is in a language other than English, a proper translation into English must be provided. All references in the bibliography must follow the example provided.

References from a scientific journal is written with the family name of the first author, followed with the given name initial, the second author's name, the third, etc. following the same format as the first author. Followed by the year of publication of the reference without spaces written a period, then the title of the reference followed by a comma. Followed by writing the title of the manuscript by using only the initial capital letter, period, full name of the journal by means of all the initial letters of each word in capital (must be italic), comma, journal volume, edition enclosed in brackets, colon, full page manuscript, and point.

Pada, A.U.T., Yulisman, H., & Melvina. (2025). Evaluating Analytic Rubric Quality for Assessing Pre-service Biology Teachers' Creative Thinking Skills. *Jurnal Pendidikan IPA Indonesia*, 14(3), 412-429. <https://doi.org/10.15294/jpii.v14i3.21851>

Diana, F., Gani, A., Syukri, M., Hamid, A.B., & Arsad, N.M. (2023). Implementation of Chemo-Entrepreneurship Through Project Based Learning to Determine the Level of Students' Soft Skills and Learning Motivation. *Journal of Science Learning*, 6(4), 364-373. <https://doi.org/10.17509/jsl.v6i4.57373>

Syabriyana, M., Zulfajri, M., Maulinda, Akbar, M., & Kumar, N. (2025). Stability of Molybdenum Back Electrode on Muscovite Substrate for Flexible Thin-Film Solar Cells. *JUPI (Jurnal IPA dan Pembelajaran IPA)*, 9(2), 629-638. <https://doi.org/10.4815/jupi.v9i2.46069>

Findayani, Z., Syukri, M., Susilawati, Khaldun, I., Maghfirah, S., Mulhadi, Ulfa, Z., & Arsad, N.M. (2025). The Impact of STEM-Integrated Teaching Factory Student Worksheets on Vocational School Students' Entrepreneurial Readiness. *Jurnal Pendidikan Sains Indonesia (Indonesian Journal of Science Education)*, 13(3), 675-689. <https://doi.org/10.24815/jpsi.v13i3.45196>

If the title of a reference article is not in English, then it must be translated into English, as in the following example:

Thahara, C.A., Rizarullah, Atika, R.A., & Wahab, A. (2022). Potensi Pendekatan in Silico Sebagai Penghambat Aktivitas Protein Protease Utama SARS-CoV-2 dari Tiga Senyawa Tanaman Obat Jahe Merah [Potential of In Silico Approach as Inhibitor of SARS-CoV-2 Main Protease Protein Activity from Three Red Ginger Medicinal Plant Compounds]. *JUPI (Jurnal IPA dan Pembelajaran IPA)*, 6(3), 207-214. <https://dx.doi.org/10.24815/jupi.v6i3.24914>

References from a book is written with the family name of the first author, followed with the given name initial, the second author's name, the third, etc. following the same format as the first author. Then, the year of publication of the book, period, followed by the writing of the title of the book where all the initial letters of each word must be capitalized (Italic), period, name of book publisher, comma, city where the book was published, point.

Depan, D. (Ed.). (2021). *Biodegradable Polymeric Nanocomposites: Advances in Biomedical Applications*. New York: CRS Press.

Roth, W.-M. (Ed.). (2009). *Science Education from People for People: Taking a Stand (point)*. New York: Routledge.

Clayden, J., Greeves, N., & Warren, S. (2012). *Organic Chemistry*. New York: Oxford University Press.

Shernoff, D.J. (2024). *Integrative STEM and STEAM Education for Real-Life Learning*. New Jersey: Springer.

References from a proceeding is written with the family name of the first author, followed with the given name initial, the second author's name, the third, etc. following the same format as the first's author. Followed by the year of publication of the reference without spaces written a period, then the title of the reference followed by a comma. Followed by writing the title of the manuscript using only a capital letter prefix, period, full name of the proceedings using all the initial letters of each word in capital letters (must be italicized), commas, volume of proceedings, edition enclosed in brackets, colons, full page manuscripts, and point.

Pratiwi, S., Prahani, B.K., Suryanti, S., & Jatmiko, B. (2019). The Effectiveness of PO2E2W Learning Model on Natural Science Learning to Improve Problem Solving Skills of Primary School Students. *Journal of Physics: Conference Series*, 1157(3), 32017, pp.123-130.

Yerushalmi, E. & Eylon, B.S. (2024). Assessing Reflection on Practice: A Problem Solving Perspective. *AIP Conference Proceedings*, 720(1), 153–156.

Terracina, A. & Mecella, M. (2015). Building an Emotional IPA Through Empirical Design with High- School Students. *Proceedings of the European Conference on Games-Based Learning, 2015 January*, pp.506–515.

References from a thesis/disertation is written:

Riley, R.J. (1987). The Magnetically Stabilized Fluidized Bed as a Solid/Liquid Separator, *M.S. Thesis*, University of Michigan, U.S.A.

Reference from a patent is written:

Primack, H.S. (2013). Method of Stabilizing Polyvalent Metal Solutions, *U.S. Patent No. 4,373,104*.