



**A title should accurately describe the content of the paper. written in  
english  
(CAMBRIA 14, Sentence Case, BOLD, CENTER)**

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**Abstract**

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## INTRODUCTION

Your final goal is to write an article that complies with the standard rules journal of **International Journal of Applied Mathematics, Sciences, and Technology for National Defense**. The article should be in the softcopy format of A4 paper size format. Margin: Top = 2,5 cm, bottom = 2 cm, left = 2,5 cm, right = 2 cm.

Type and Size of font: follow the sizes listed in Table 1. Pay close attention to the font size, 1 point is around 0.35 mm. The lowercase letter of "j" is the reference of measurement. The recommended font to be used is Cambria. Each column is in *Justify* alignment. The tables and figures should be adjusted to the width of the column. On the last page of your paper, set the width and the length to be equal. Use automatic hyphens and spell checkers (if available).

The Introduction should provide a clear background, a clear statement of the problem, the relevant literature on the subject, the proposed approach or solution, and the new value of research which it is innovation. It should be understandable to colleagues from a broad range of scientific disciplines. Organization and citation of the bibliography are made in American Psychological Association 7th Edition (Diani, 2015). The terms in foreign languages are written italic (*italic*). Authors are suggested to present their articles in the section structure: **Introduction - Method - Results and Discussion – Conclusion - References**. (Justify, Cambria 11).

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**METHOD**

Explaining research chronological, including research method, research design, research procedure (in the form of algorithms, flow chart, storyboard or other), how to test and data acquisition. The description of the course of research should be supported by **references**, so the explanation can be accepted scientifically ([Diani. R, et al, 2018](#)).

**Figures and Tables (Sub Section is written in Bold)**

The position of figures and tables is at the center. The title of the figure is positioned below the image the "center" alignment; the title of the table is above the table in "center" alignment. Avoid placing figures and tables before they are mentioned in the text. All figures and Tables are referenced in the text (there are descriptions in the text of the article). For example, Table 1 is an example of a table format and Figure 1 is an example of an image spectrum. Avoid displaying tables and figures without explanation in the text.

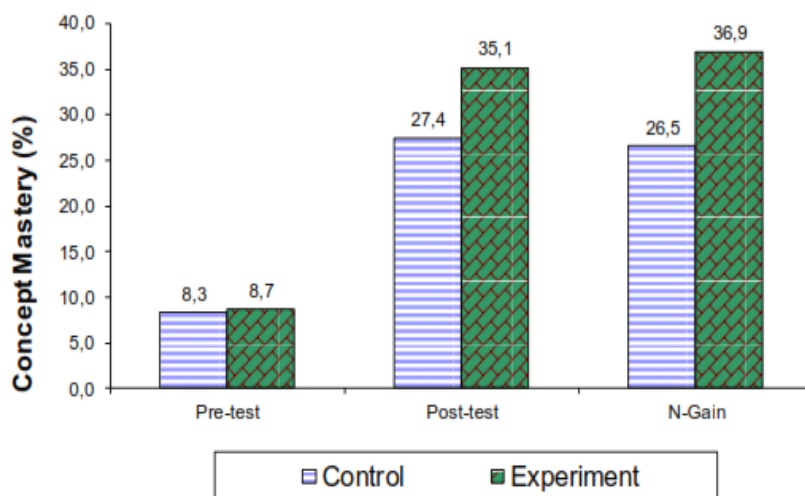
**Figures and Tables (Sub- Sub Section is written in Bold)**

The label of the coordinate axes in an image can often be confusing. Use words rather than symbols. For example, write "Magnetism," or "Magnetism (M)" rather than just using "M." Place the unit in parentheses. Don't label the coordinate axis only with units. For example, write "Magnetism (A / m)" or "Magnetism (A·m1)." Do not label the axis of the coordinate with the ratio or quantity and unit. For example, write "Temperature (K)," not "Temperature / K."

Multiplier symbols can also be confusing. Write "Magnetism (kA/m)" or "Magnetization (103 A / m)." The image label must be readable, about 10-point in size.

**Table 1.** The sample of table format (Center, Cambria, 11)

No	Description	Explanation
1	Description 1	Explanation
2	Description 2	Explanation
3	Description 3	Explanation
4	Description 4	Explanation
5	Description 5	Explanation



**Figure 1.** The example of an image of the spectrum absorption coefficients of organic semiconductor materials

## Abbreviations and Acronyms

Define abbreviations and acronyms for the first time they are used in text, even if they have been defined in the abstract. Abbreviations such as IEEE, SI, MKS, CGS, ac, dc, and rms need not be defined. Do not use abbreviations in the title unless they are absolutely unavoidable

## Equation

Equation numbering is done sequentially with the number of equations written in parentheses and right alignment, for example (1). The quantity and variables are written in italic Roman symbol. Use a dash (-) to indicate a minus sign. Use parentheses () for the denominators or dividers to avoid mistakes. Give the comma in the equation if the equation is in a sentence. For example equation (1):

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

If the equation is mentioned in a sentence then simply write "(1)," or "equation (1)," except at the beginning of the sentence, it is not written using a comma after parentheses. For example "Equation (1) is ..."

## Miscellaneous

The use of Roman numeric symbols for numbering the chapters or sub-chapters is optional. If you use Roman numeric symbols, then the references section, the acknowledgement section, and the sub-headings or sub-chapters are not in letters format. Use two spaces to split between sub-chapters. Use hyphens on modified words: "zero-field-cooled magnetization", avoid irregular sentences such as, "Using (1), potential differences have been calculated", the proper writing should be "potential differences are calculated using equation (1), "or" using equation (1), we calculated the potential differences".

Decimal numbers are not written ".25". Use a zero before the period to write a decimal number: "0.25". Use "cm<sup>3</sup>," not "cc." Do not mix full words and abbreviations in physics units, for example: "weber / m<sup>2</sup>" instead of "Wb / m<sup>2</sup>". Use the full word when writing a physics unit in a sentence: "some Henry ...".

## RESULTS AND DISCUSSION

In this section, it is explained the results of research and at the same time is given the comprehensive discussion. Results can be presented in figures, graphs, tables and others that make the reader understand easily. The discussion can be made in several sub-sections.

## CONCLUSION

Provide a statement that what is expected, as stated in the "Introduction" chapter can ultimately result in "Results and Discussion" chapter, so there is compatibility. Moreover, it can also be added the prospect of the development of research results and application prospects of further studies into the next (based on result and discussion).

## AUTHOR CONTRIBUTIONS

All authors must fill their respective contribution referring to the Contributor Roles Taxonomy (CRediT). Please use initials to refer to each author's contribution in this section. It is

important to remark that this journal requires that all authors have reviewed the results and approved the final version of the manuscript.

(Source:

<https://www.elsevier.com/researcher/author/policies-and-guidelines/credit-author-statement>)

Conceptualization	Ideas; formulation or evolution of overarching research goals and aims.
Data curation	Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later re-use.
Formal analysis	Application of statistical, mathematical, computational, or other formal techniques to analyze or synthesize the research data.
Funding acquisition	Acquisition of the financial support for the project leading to this publication.
Investigation	Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection.
Methodology	Development or design of methodology; creation of models.
Project administration	Management and coordination responsibility for the research activity planning and execution.
Resources	Provision of study materials, reagents, materials, patients, laboratory samples, animals, instrumentation, computing resources, or other analysis tools.
Software	Programming, software development; designing computer programs; implementation of the computer code and supporting algorithms; testing of existing code components.
Supervision	Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team.
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Visualization	Preparation, creation and/or presentation of the published work, specifically visualization/data presentation.
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### ACKNOWLEDGMENT (IF ANY)

The acknowledgement is a form of appreciation for the contribution of an institution or an individual who is not considered as the writer for example an institution or an individual who provides the research funding of this publication.

### REFERENCES

The followings are the references writing guidelines of Online Learning in Educational Research. The references should be written in justify alignment and alphabetically. We suggest you use Mendeley management reference with **APA style** for your references. The guideline for example below:

#### Journal Article:

Diani, R., Yuberti, & Syarlisjswan, M. R. (2018). Web-enhanced course based on problem-based learning (PBL): Development of interactive learning media for basic physics II. *Jurnal Ilmiah Pendidikan Fisika Al-BiRuNi*, 7(1), 105–116. <https://doi.org/10.24042/jipfalbiruni.v7i1.2849>

#### Book:

Sugiyono. (2011). *Metodologi penelitian pendidikan*. Alfabeta.

#### Articles Compilation book (edited book):

Prasad, A. S. *Clinical and biochemical spectrum of zinc deficiency in human subjects*, In: A. S. Prasad, Ed., *Clinical, biochemical and nutritional aspects of trace elements*, Alan R. Liss, Inc., New York, 1982, pp. 5-15.

#### Seminar Proceeding:

Saregar, A. (2016). Efektifitas pembelajaran fisika dengan model learning cycle dan model contextual teaching learning (CTL) terhadap hasil belajar siswa kelas XI di SMA Negeri 1 Karya Pinggawa Krui Pesisir Barat. *Mathematic, Science, and Education National Conference (MSEncO)* (pp. 49-54). FTK UIN Raden Intan Lampung.

#### Published Undergraduate Thesis / Dissertation / Thesis

Wahyuni, S. Y. 2009. *Pengembangan uji kompetensi mandiri berbasis computer: Meningkatkan efikasi diri siswa* (Doctoral dissertatation). University Name

#### Unpublished Undergraduate Thesis / Dissertation / Thesis

Kuntoro, T. H. 2007. *Pengembangan kurikulum pelatihan magang di SMK: Suatu studi berdasarkan dunia usaha* (Unpublished Doctoral dissert/ Unpublished master's thesisation/). Program Pasca Sarjana UNNES, Semarang.

#### Internet Sources:

Honeycutt, L. (2011, Maret). *Communication and design course*. Retrieved from <http://dcr.rpi.edu/commdesign/class1.html>.

#### Regulation

Depdikbud. 2013. *Permendikbud nomor 66 tahun 2013 tentang standar penilaian*. Jakarta: Departemen Pendidikan dan Kebudayaan.