Instructions/Template for Preparing Manuscript for Bulletin of Chemical Reaction Engineering & Catalysis (2021 Version) ← (16pt, bold)

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# Abstract (← 12pt, Times New Roman bold)

The abstract should be clear, concise, and descriptive. The abstract should stand alone, means that no citation and figures and equation format in the abstract. Consider it the advertisement of your article. The abstract should tell the prospective reader what you did and highlight the key findings. This abstract should provide a brief background of the problem (preferably 1-2 sentences), clear objective of paper, research method in short, and a brief summary of results/findings, and short conclusion. Avoid using technical jargon and uncommon abbreviations. You must be accurate, brief, clear and specific. Use words which reflect the precise meaning. The abstract should be precise and honest. Please follow word limitations (100‐250 words) (← 12pt, Times New Roman).

# Keywords: (← 12pt, Times New Roman bold)

Maximum of 5 keywords separated by semicolon (;), crucial to the appropriate indexing of the papers, are to be given. eg: Artificial Intelligence; Genetic Algorithm; Fuzzy Logic; …

# 1. Introduction (← 12pt, Times New Roman bold)

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In Introduction, Authors should state the objectives of the work at the end of introduction section. Before the objective, Authors should provide an adequate background (maximum 1 paragraph), and very short literatures survey/review in order to record the existing solutions/method, to show which is the best of previous researches, to show the main limitation of the previous researches, to show what do you hope to achieve (to solve the limitation), and to show the scientific merit or novelties of the paper. Avoid a detailed literature survey or a summary of the results. Do not describe literatures survey/review as author by author but should be presented as group of articles per method or topic reviewed which refers to some literatures.

One of examples of novelty statement or the gap analysis statement in the end of Introduction section (after state of the art of previous research survey) as follow:

*“........ (short summary of background) ............ (put here state of the art or overview of previous researches similar to this research).............. A few researchers focused on ....... There have been limited studies concerned on ........ Therefore, this research intends to ................. The objectives of this research are .........*”.

or

“*........ (short summary of background) ............ (put here state of the art or overview of previous researches similar to this research) .............. A few researchers focused on ....... There is no researcher concerned on ........ Therefore, this research focuses on ................. Therefore, this research is aimed to .........*”.

etc.

# 2. Materials and Methods (← 12pt, Times New Roman bold)

## 2.1 General Organization of the Paper (← 12pt, Times New Roman bold)

The paper will be published in BCREC journal after peer-reviewed process and decided as “Accepted” by Editors. The final layout of paper will be reproduced by Editorial Office of BCREC journal. The final paper layout in PDF type, known as “Uncorrected Proof” should be corrected by Author. The final corrected proof will be published first in “Article In Press” pre-issue (but no volume, issue and pages information). Once number of articles was ready to be published as an issue (but may not be finished yet), the articles will be moved to “Issue in Progress” (volume, issue and pages information is informed).

According to Engelmore and Morgan [1], manuscript content should, in general, be organized in the following order: Title; Authors Name; Authors Affiliation; Abstract; Keywords; Introduction; Materials and Methods; Results and Discussion; Conclusions; Acknowledgments; and References. Manuscript document submitted to this journal (in one MS Word or PDF file) should be arranged as follow: (a) Bodytext of manuscript article (from Title to References, without tables and figures); (b) Figure Captions and Table Captions; (c) Figures (one figure per page); and (d) Tables (one table per page). Please include a Covering Letter in a separated document file containing your summary of scientific finding and uploaded in Supplementary Files.

## 2.2. Section Headings

Three levels of heading are allowed as follows: (a) Level 1 (Heading1 format) - 12pt, Times bold, left justified; (b) Level 2 (Heading2 format) - 12pt, Times bold, left justified; and (c) Level 3 (Heading3 format) - 12pt, Times bold italic, left justified.

## 2.3. Body Text

The body of the text is a set of body text paragraphs defined as follows: (a) 12pt Times New Roman; (b) One-half space, defined as 12pt; (c) Spacing after the heading is 3pt; (d) Spacing before the new heading is 12pt; (e) Indentation for the first line is 1 cm.

## 2.4. Bullets

Bullet and numbering within body text are not allowed. All sentence should be typed as descriptive paragraph format.

## 2.5. Tables

Tables are sequentially numbered with the table title and number above the table. Tables should be centered in the column OR on the page. Tables should be followed by a line space (12pt). Elements of a table should be single-spaced, however double spacing can be used to show groupings of data or to separate parts within the table. Table headings should be in 10pt bold. Tables are referred in the text by the table number without location (above, below, following, etc.), e.g.: Table 1. Do not show vertical line in the table. There is only horizontal line should be shown within the table.

## 2.6. Figures

Figures are sequentially numbered commencing at 1 with the figure title and number below the figure as shown in Figure 1. Detailed recommendations for figures are as follows: (a) Ensure that figures are clear and legible with typed letterings. (b) Black & white or colored figures are allowed. (c) If a figure spans two columns, it should be placed at the top or bottom of a page. (d) Hard copy illustrations should, preferably, be scanned and included in the electronic version of the submission in an appropriate format as follows: BMP - Microsoft bitmap file, WMF - Windows Metafile Format, EPS - Encapsulated Postscript. (e) If figures cannot be scanned, the original should be placed in its location within the manuscript using wax or colorless glue. (f) The following files are permissible: Microsoft Graph, Microsoft Draw.

## 2.7. Equations

Equations should be numbered serially within parentheses as shown in Equation (1). Equation should be prepared using MS Equation Editor (not in image format). The equation number is to be placed at the extreme right side. Explanation of the symbols in the equation should be presented as a descriptif paragraph after the equation.

 (1)

## 2.8. Units, Abbreviations and Symbols

Metric units are preferred. Define abbreviations and symbols at the first time as they are introduced in the text. Definition of symbols should be presented in paragraph form, not as list bulleted.

# 3. Results and Discussion ( ← 12pt, Times New Roman)

## 3.1. Manuscript Heading, Font, and Spacing ( ← 12pt, Times New Roman)

Manuscript should be typed using word processors (Microsoft Word or Open Office) software. The font used throughout the paper is Times New Roman. The paper size is A4 (i.e., 210 x 297 mm), two-column format (i.e., 85 mm each) with a 2.5 cm margin at the top, a 2.5 cm margin at the bottom, 2.5 cm margin on the left, and 2 cm margin on the right. Lines are one-half spaced, justified. Page numbers should be included in the text located in footer section of each page. Use of pronouns such as I, we etc is to be avoided.

Manuscript submitted to this journal should follow the heading below, except for the review article: Title; Authors Name; Authors Affiliation; Abstract; Keywords; Introduction; Materials and Methods; Results and Discussion; Conclusions; Acknowledgments; and References.

## 3.2. Paper Title

This is your opportunity to attract the reader’s attention. Remember that readers are the potential authors who will cite your article. Identify the main issue of the paper. Begin with the subject of the paper. The title should be accurate, unambiguous, specific, and complete. Do not contain infrequently-used abbreviations.

The title of the paper should be in 16 pt bold Times New Roman and be centered. The title should have 0 pts space above and 12 pts below.

## 3.3. Authors Name and Affiliations

Write Author(s) names without a title and professional positions, such as: Prof, Dr, Production Manager, etc. Do not abbreviate your last/family name. **Always give your First and Last names (should be at least 2 (two) words)**. If your name has only one word, you should repeat your name, example: Istadi Istadi or I. Istadi. Write clear affiliation of all Authors. Affiliation includes a name of department/unit, (faculty), a name of university, address, country. Please indicate Corresponding Author (include email address) by adding an asterisk (\*) in superscript behind the name.

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# 3.4. Abstract and Keywords

An abstract should stand alone, means that no citation and figures and equation format in the abstract. Consider it the advertisement of your article. The abstract should tell the prospective reader what you did and highlight the key findings. Avoid using technical jargon and uncommon abbreviations. You must be accurate, brief, clear and specific. Use words which reflect the precise meaning. The abstract should be precise and honest. Please follow word limitations (100‐250 words). **Abstract must contain: backgrounds (if any, maximum 2-3 sentences), short clear objectives, short methods, final results or findings, and conclusion**.

Keywords are the labels of your manuscript and critical to correct indexing and searching. Therefore the keywords should represent the content and highlight of your article. Use only those abbreviations that are firmly established in the field. e.g. DNA. Each word/phrase in keyword should be separated by a semicolon (;), not a comma (,).

## 3.5. Introduction

In Introduction, Authors should state the objectives of the work at the end of introduction section. Before the objective, Authors should provide an adequate background (maximum 1 paragraph), and very short literatures survey/review in order to record the existing solutions/method, to show which is the best of previous researches, to show the main limitation of the previous researches, to show what do you hope to achieve (to solve the limitation), and to show the scientific merit or novelties of the paper. Avoid a detailed literature survey or a summary of the results. Do not describe literatures survey/review as author by author, but should be presented as group per method or topic reviewed which refers to some literatures.

One of examples of novelty statement or the gap analysis statement in the end of Introduction section (after state of the art of previous research survey):

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## or

## “*........ (short summary of background)....... .....(put here state of the art or overview of previous researches similar to this research).............. A few researchers focused on ....... There is no researcher concerned on ........ Therefore, this research focuses on ................. Therefore, this research is aimed to .........*”.

etc.

## 3.6. Materials and Methods

Materials and methods should make readers be able to reproduce the experiment. Provide sufficient detail to allow the work to be reproduced. Methods already published should be indicated by a reference: only relevant modifications should be described. Do not repeat the details of established methods. For the chemicals, please provide details of brand and purity (example: CaO (Merck, 99.5%)).

## 3.7. Results and Discussion

Results should be clear and concise. The results should summarize (scientific) findings rather than providing data in detail. Please highlight differences between your results or findings and the previous publications by other researchers. The discussion should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

In discussion, it is the most important section of your article. Here you get the chance to sell your data. Make the discussion corresponding to the results, but do not reiterate the results. Often should begin with a brief summary of the main scientific findings (not experimental results).

The following components should be covered in discussion: (a) How do your results relate to the original question or objectives outlined in the Introduction section? What is your finding of research? (**what/how**)? (b) Do you provide interpretation scientifically for each of your results or findings presented? This scientific interpretation must be supported by valid analysis and characterization (**why**)? (c) Are your results consistent with what other investigators have reported (**what else**)? Or are there any differences?

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Conclusions should only answer the objectives of the research. Tells how your work advances the field from the present state of knowledge. Without clear Conclusions, reviewers and readers will find it difficult to judge the work, and whether or not it merits publication in the journal. Do not repeat the Abstract, or just list experimental results. Provide a clear scientific justification for your work, and indicate possible applications and extensions. This conclusion should be provided as a paragraph. You should also suggest future experiments and/or point out those that are underway.

## 3.9. Acknowledgment

Recognize those who helped in the research, **especially funding supporter of your research financially**. Include individuals who have assisted you in your study: Advisors, Financial supporters, or may another supporter, i.e. Proofreaders, Typists, and Suppliers, who may have given materials. Do not acknowledge one of the authors names.

## 3.10. References

Cite the main scientific publications on which your work is based. Cite only items that you have read. Do not inflate the manuscript with too many references. Avoid excessive self‐citations. Avoid excessive citations of publications from the same region. Check each reference against the original source (authors name, volume, issue, year, DOI Number). Please use Reference Manager Applications like EndNote, Mendeley, Zotero, etc. Use other published articles in the same journal as models. **The minimum number of references should be 25 references**.

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* When referencing in the body of text, use 12pt Times Roman in square brackets [1].
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  + For a Book, see [1,2]
  + For a Journal Article, see [3-6]
  + For a Proceedings Paper, see [7]
  + For a Magazine Article or Book Chapter, see [8]
  + For a Technical Report, see [9]
  + For a Dissertation or Thesis, see [10]
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# 7. Conclusions (← 12pt, Times New Roman bold)

Papers not prepared in accordance with these guidelines and manuscripts with number of mistakes will have to be pre-rejected by Editor. Submission of fulltext paper can be conducted by Online Electronic Submissions Interface at the following URL address:

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Started from 2011, Editor will not receive submission by email and/or hardcopy. Currently, online version of BCREC articles in PDF format can be opened for free open access at BCREC website http://bcrec.undip.ac.id or http://ejournal2.undip.ac.id/index.php/bcrec.

# Acknowledgments (← 12pt, Times New Roman bold)

You should wish to thank those who have supported you and your work, especially an institution that provided the financial support.

# References (← 12pt, Times New Roman bold)

References list MUST follow American Psychological Association (APA) Version 6.0.

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# FIGURE CAPTIONS

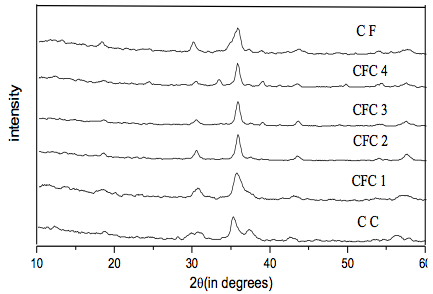
Figure 1. A sample chart/figure

# TABLE CAPTIONS

Table 1. Formatting Rules

**Table 1.** Formatting rules

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Object | Font | Alignment | Space above | Space below |
| Title | 12pt bold | centered | 0pt | 12pt |
| Author(s) | 12pt bold | centered | 12pt | 12pt |
| Addresses | 12pt italics | centered | 0pt | 0pt |
| Heading1 | 12pt bold | left | 12pt | 3pt |
| Heading2 | 12pt bold | left | 6pt | 3pt |
| Heading3 | 12pt bold italics | left | 3pt | 3pt |
| Body | 12pt | justified | 0pt | 0pt |
| Bullet | 12pt | justified | 0pt | 0pt |
| Table title | 12pt | centered | 12pt | 6pt |
| Figure title | 12pt | centered | 3pt | 6pt |



**Figure 1**. A sample chart/figure