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|  |  | **Article Title: Article Subtitles**  **First Author**1**, Second Author**2\***, Other Co-authors**1  1First Author Affiliation,  Organization Address, City, Postcode, COUNTRY  2Second Author Affiliation,  Organization Address, City, Postcode, COUNTRY  \*Corresponding Author Designation  Received 00 Month 2023; Accepted 01 Month 2023; Available online 02 Month 2023    **Abstract**: First abstract sentence introduces the research background information and the problem statement. The second sentence explains the main research objectives and their scopes of study. The third sentence describes the materials, methods, and standard procedures used to conduct the study. The fourth sentence presents key findings and trends that can be observed from the data. The fifth sentence summarizes the discussion regarding those findings and some suggestions for future work. Total words must be less than 300.  **Keywords**: Keyword 1, Keyword 2, Other Keywords |

1. **Introduction**

This document is a template for papers to be published in an ebook by ICPEX 2023. The document itself should be in A4 size, with normal margins of 1 inch all around. The font of the text is Times New Roman with font size 11, except for captions in tables and figures. Unless mentioned otherwise, all lines are spaces 0 points before and 8 points after the line. All paragraphs are justified, with the first line indented.

The introduction should describe general information on the subject matter area of study. It is usually arranged in such a manner to gradually bring to focus the specific motivations of the current study, the research questions, the problem statements, the objectives, as well as the expected outcome. Factual statements should be accompanied by a citation of references. Authors should ensure that every reference in the text appears in the list of references (at the end of the paper) and vice versa. Indicate references by [1] or [2], [3] in the text.

1.1 Introduction subheadings optional

Section headings should be left-justified, bold, with the first letter capitalized and numbered consecutively, starting with the Introduction. The introduction can be split into several subheadings if the author finds the need to organize the information into several subtopics. Sub-section headings should also be in the same style as those numbered 1.1, 1.2, etc, and left-justified, but unbolded. All headings should have a minimum of three text lines after them before a page or column break.

1.2 Additional introduction subheadings

Subheadings in the introduction are usually limited to 2-3 topics. Contents should be brief; more detailed information should be discussed in the methodology section. The subheadings should not go beyond the second level.

1. **Materials and Methods**

The materials and methods section, also known as methodology, describes all the necessary information that is required to obtain the results of the study.

2.1 Materials

Specifications and properties of materials, equipment, and other resources used in the current study should be described in this section. Should a bulleted list be required, it may be included and should look like this:

• First point

• Second point

• And so on

Lists using items marked with a,b,c, or i, ii, iii, and so on can also be considered. Items in the list should be indented similar to paragraph indentation.

2.2 Methods

Procedures can be described using flowcharts and algorithms, in which case the chart will be considered as a figure (see section 3.4). Include the appropriate references to standards. Authors can also explain the scope and limitations of the methods.

2.3 Equations

Equations and formulae should be typed in equation editors such as Mathtype. Equations should not be presented in the form of an image. Equations should be numbered based on the section number as the following:

Each numbered equation should be in its line and be separated from the surrounding text by the default line spacing. **Eq. 1**, as are all equations, should be referenced in the text.

1. **Results and Discussion**

The results and discussion section presents data and analysis of the study. This section can be organized based on the stated objectives, the chronological timeline, different case groupings, different experimental configurations, or any logical order as deemed appropriate.

3.1 Results

Results can be presented in the form of tables, figures, charts, diagrams, or other suitable formats. If required, raw data that is too lengthy to be put in this section can be moved to the appendix.

3.2 Discussions

Accompanying discussions that further explain observations of the results are usually placed immediately below the results paragraph.

3.3 Tables

Tables should be numbered based on the section number and formatted based on the style as presented in the following:

**Table 1: Example of presenting data using a table**

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Variable Name | Variable Value | Unit or Dimension |
| 1 | Variable 1 | 0.001 | Kilograms (kg) |
| 2 | Variable 2 | 1.000 | kg∙m/s2 |
| 3 | Variable 3 | 1.0 x 104 | psi |
| 4 | Variable 4 | -1.0 x 10-4 | Dimensionless |

**Table 1**, as are all tables, should be referenced in the text. Items in the table can be aligned to the cell center, the right, or the left whenever appropriate. All tables must have a caption that is aligned left. **Table 1** should be bold in the text.Only horizontal lines should be used within a table, to distinguish the column headings from the body of the table, and immediately above and below the table. Tables must be embedded in the text and not supplied separately. The font of the caption is Times New Roman with 10 font sizes and should be bolded in the text.

3.4 Figures

Figures should be numbered based on the section number and formatted based on the style as presented in the following:

**Figure 1: Example of presenting data using a figure**

**Figure 1**, as are all figures, should be referenced in the text. The font size of the caption for Figures is 10 and should be bolded in the text. Figures should be placed at the top or bottom of a page wherever possible, as close as possible to the first reference to them in the paper. Please ensure that all the figures are of 300 DPI resolutions as this will facilitate good output. The preferred format of figures is PNG, JPEG, GIF, etc. Items in the figure should be aligned to the center whenever applicable. The figure caption is aligned to the center. All writings, symbols, and data markers in the figure should be legible and discernible, even in black-and-white. If a figure is copyrighted by a third party, the authors bear the responsibility to obtain licensing or permission to use the figure in the paper. In this case, proper citation is required to be added in the figure caption. The total for the figure and table should be no more than 7.

1. **Conclusion**

The conclusion should summarize the main findings of the study, and restate the key points inferred from trends observed and discussed regarding the data. Some suggestions should be included to encourage the continuation of the current research.

**Appendix A (Optional)**

Any extra data, equations, or information that is beneficial to the discussion of the paper should be included here. More appendices can be added as deemed necessary.

**References**

[1] B. Klaus and P. Horn, Robot Vision. Cambridge, MA: MIT Press, 1986 (Example citation for books)

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