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**ABSTRACT**

**T**he abstract is written in **Cambria** font type in size (**12**) with single space, and it includes a general view of the research, the problem, the aim, the method of solution, the most important results, and conclusions in not more than **200** words. These instructions give you guidelines for preparing papers for the Engineering journal*.* Use this document as a template if you are using Microsoft *Word*. Otherwise, use this document as an instruction set. Full names of authors are required. Define all symbols used in the abstract, and do not cite references in the abstract. Do not delete the blank line in this template.

**Keywords:** Type 3 – 5 keywords, separated by a comma.

**اضغط هنا لكتابة عنوان بحثك باللغة العربية**

**الاسم الاول1،\*، الاسم الثاني2، الاسم الثالث3**

مكان العمل والدينة والبلد

***الخلاصة***

تكتب الخلاصة بحجم **12** وفراغ مفرد بين الاسطر. تتضمن الخلاصة نظرة عامة عن البحث، ومشكلته واهدافه وطريقة الحل. تعرض فيها أهم النتائج والاستنتاجات التي تم التوصل اليها. يجب أن لا تتجاوز عدد كلماتها **200** كلمة. هذه التعليمات لكتابة بحثك خاصة بمجلة الهندسة. يمكن استخدام هذا النموذج اذا كنت تستخدم برنامج الوورد للكتابة. عرف كل الرموز المستخدمة في الخلاصة. كتابة الاسم الكامل للباحث مطلوبة. لا يتم الاستشهاد في الخلاصة. لا تحذف الاسطر الفارغة في هذا النموذج.

**الكلمات الرئيسية:** اكتب 3-5 كلمات رئيسية تفصل بينهما بفارزة.

1. **INTRODUCTION**

The two types of manuscripts are Original and Review manuscripts. Please note that the Original manuscripts should include more than 35 references, while the Review manuscripts should include more than 75 references. The manuscript (main text) is written in **Cambria** font type size (**12**), single space, lower case, and in a single column. The headlines are written in UPPERCASE, **bold,** and size (**12**) and should be left justified. It must be numbered consecutively using Arabic numbers, starting with the Introduction. A space is left after the number, and a line must be left before the headline. The headlines are written immediately after the left margin, as shown above. To avoid unnecessary errors, you are strongly advised to use the ‘spellchecker’ function of MS Word. Follow this order when typing manuscripts: Title, Authors, Affiliations, Abstract, Keywords, Main text (including figures and tables), Acknowledgements, References, and Appendix. Collate acknowledgments in a separate section at the article's end, and do not include them on the title page as a footnote to the title.

Bulleted lists may be included and should look like this:

* First point
* Second point
* And so on

**Please do not alter the formatting and style layouts in this template document.**

**The main sections in the manuscript include: Introduction, Materials and Method, Results and Discussion, and Conclusions**

* 1. **Sub-section Heading**

Section headings should be left justified, with the first letter capitalized and written in **Cambria** font type in **bold** and size (**12**). It must be numbered consecutively using Arabic numbers, a space is left after the number, and a line must be left before the sub-section headline. The sub-section headings are written immediately after the left margin.

* + 1. General aspect

A paragraph in the sub-section headings must be written in **Cambria** font type in lowercase, size (12) and with the starting letter of the first word in uppercase. It must be numbered consecutively using Arabic numbers, a space is left after the number, and a line must be left before the sub-sub-section headline. The sub-sub-section headings are written immediately after the left margin.

1. **EQUATIONS**

First, use the equation editor to create the equation. The equation and formula must be written in Italic, and numbered consecutively with Arabic members in parentheses on the right hand of the page. The equation must not be introduced as a picture. A line must be left before and after the equation, as shown below;

(1)

It must be referred to as an equation as Eq. (1) throughout the article. To make your equations more compact, use parentheses to avoid ambiguities. Ensure the symbols in your equation have been defined before the equation appears or immediately follows.

1. **TABLES**

All tables should be numbered with Arabic numerals. Headings should be placed above tables, center justified. Leave one line space between the heading and the table. Horizontal and vertical 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 into the text and not supplied separately.

The table and its number are referenced in **bold** **Cambria** font type and size (**12**). As an example: **Table 1.** shows the variation of …….. While, through the main text: ……. As shown in **Table 2**.

Below is an example that authors may find useful.

**Table 1.** Reduction in maximum temperature of different locations.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Experiment | Reduction in maximum temperature of measuring points minus ambient temperature (oC) | | | |
| Dashboard | Steering wheel | Seat | Inside air |
| TD - Ta | Tst - Ta | Tse - Ta | Ti - Ta |
| Case # 1 | 58.0 | 53.7 | 27.4 | 29.9 |
| Case # 2 | 34.2 | 28.3 | 23.4 | 30.0 |
| Case # 3 | 19.1 | 22.1 | 21.3 | 24.7 |
| Case # 4 | 15.8 | 17.6 | 16.4 | 18.1 |
| Case # 5 | 10.8 | 9.5 | 9.5 | 12.7 |
| Case # 6 | 3.6 | 2.7 | 1.6 | 2.7 |

1. **FIGURES**

All figures should be numbered with Arabic numerals (1,2,...n). All photographs, schemas, graphs, and diagrams are referred to as figures. Line drawings should be good-quality scans or true electronic output. Low-quality scans are not acceptable. Figures must be embedded into the text and not supplied separately. Lettering and symbols should be clearly defined in the caption or a legend provided as part of the figure. 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 manuscript.

The figure number and caption should be typed below the illustration in **Cambria** font type size 12 pt, and center justified.

The figure and its number are referred to in bold. For example, **Fig. 5** shows the groundwater pressure on the retaining wall. Through the research, the figure is referred to as: It is clear from **Fig. 5** that the behavior…..

Below is an example that authors may find useful.

The data figures should be extended to an excel file. The font of the axes title, the numbers, and legends should be in **Cambria** font, type 10 pt. The title of the axes should be **Bold** and start with a capital letter and with units. Please do not make a border outside the figure. Tables and figures footnote of font size (10)

**Figure 1.** Variation of static pressure drop with different airflow rates.

**NOMENCLATURE**

This list is starts with Latin characters, then Greek ones, in lowercase with units, and should be sorted alphabetically, as an example:

|  |  |  |  |
| --- | --- | --- | --- |
| Symbole | Description | Symbole | Description |
| A | area, m2. | α | altitude angle, deg. |
| t | time , s | β | factor of variation, dimensionless. |
| Ta | ambient temperature, oC |  |  |

**REFERENCES**

List of References should be added at the end of the manuscript, and its corresponding citation will be added in the order of the

ir appearance in the text. Authors should ensure that every reference in the text appears in the list of references and vice versa. The references should be referred to through the research in **Bold** and in **Harvard - Anglia style**. The last name and the year is given, as an example: **(Duprez, 2007)**

For two: **(Duprez and Dumont, 2007)**

For more than that: **(Duprez et al., 2007)**

The references must be gathered at the end of the research in alphabetical form without numbering. A line must be left before and after each reference. The DOI number should be included in each reference

**For a journal article:**

Li, Q., Qiao, F. and Yu, L., 2016. Impacts of pavement types on in-vehicle noise and human health. *Journal of the Air and Waste Management Association*, 66(1), pp. 87–96. [doi:10.1080/10962247.2015.1119217](file:///C:\Users\GKOBAL-PC\Downloads\).

Pozder, M., 2012. Research on the Effects of Pavement Surface Condition on Road Traffic Noise. *Archives for Technical Sciences,* 1(8), pp. 57–64. [doi:10.7251/afts.2013.0508.057p.](file:///C:\Users\GKOBAL-PC\Downloads\)

**For book:**

Mastalerz, J., 1977. *The Greenhouse Environment.* New York: John Wiley and Sons.

**For online:**

Roy, S., Nag, S., Maitra, I. and Grewal, H., 2012. International Journal of Advanced Research in Computer Science and Software Engineering. International Journal, [online] 3(6), pp.168, 171.

Doi: 123345678

**Appendix A**

Authors, including an appendix section, should do so after the References section. Multiple appendices should all have headings in style used above. They will automatically be ordered A, B, C, etc.

* 1. Example of a sub-heading within an appendix

There is also the option to include a subheading within the Appendix if you wish.