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|  **P-ISSN: 1813–6729 E-ISSN: 2707-1359** |

**A Title Should be the Fewest Possible Words that Accurately Describe the Content of the Paper, not exceeding 15 words (Align Centre,** **Bold, 14 Font size)**

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| **Article Information** |  | **Abstract** |
| **Article History:** |  | *This section should include a succinct, self-contained and powerful statement that describes the main objective of the study. The abstract of one paragraph length should not contain formulas and references, it should occupy the first page and includes the following items: Brief background on the research topic, problem statement (if exists), research objective, methods and tools used in the research and major results, an abstract summarizing the content of the paper of no more than 250 words. A good abstract is precise and honest, can stand alone, uses no technical jargon and is specific. (Size line 11, Time Now Roman and Italic).***(Do not write or tamper with the page margins as they are designated for the journal’s staff)** |
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| **Keywords:**Provide up to five keywords which encapsulate the principal topics of the paper. |  |
| **Correspondence:**Researcher name:Email: |  |

**Comments:**

 \*The research The research paper is no more than (12) pages. Otherwise, for each additional page, an amount (10,000 ID) is added, provided that it does not exceed (5) pages.

 \* Each part of the paper (including sections and subsections), in addition to the body of the paper, has its own font size and font type within the template content.

 \* The research is written within Microsoft Word 2016, and the page layout is as follows:

- The upper and lower leaving distance is 2 cm.

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- The size of the paper is A4, width 21 cm and height 29.7 cm.

- Page layout for vertical footer and footer bottom 1.25 cm.

- Paragraph spacing 1.0. (**This Comments most delete**)

\* The template in your hands includes all the planning dimensions mentioned above.

**1. Introduction**

The introduction should present the problem that the paper addresses. Write with clarity about the issues that the reader must know in order to fully appreciate the rest of the paper.

The body of the text should be left justified in 12- font size Times New Roman font with single spacing and place the reference according to the template shown later.

**2. Main Headings**

Main headings should be in bold, left justified and in 13- font size Times New Roman font. For example:

**1. Introduction.**

**2. Paper importance**

**3. Paper aims**

***2.1 Sub-headings***

Sub-headings should be italicized and indented in bold, left justified and in 12- font size Times New Roman font Times New Roman font.

**3. Paper layout of submitted to the journal**

The paper should be organized into logical parts or sections. Any subsection is given a brief heading. The paper layout of submitted to the journal and the contents include:

1. The introduction that should define clearly the nature of the problem. (including the paper problem and its hypotheses, as well as some reference review). Provided that the paper is not divided into several sections. But rather main and sub-headings.
2. The references that should be made to previously published papers (references).
3. Theoretical Concepts.
4. Experimental Work.
5. Results.
6. Discussions.
7. Conclusions.

References.

Theoretical section extends the analytical background of the article and develops a new formulation of the problem. Calculations are achieved here using the developed equations and the modifications should be pointed out. Depending on the suggested research methods, the experimental investigation is achieved, using the testing instruments or design. Materials and methods are detailed here.

In the results and discussions section, the significance of the obtained results should be pointed out and the citations and the discussions of the literatures should be avoided in this section. Sometimes results and discussions are combined in one section.

**4. Guidelines for paper preparation**

***4.1. Text Citations***

References should be cited in numerical order according to their order of appearance. Numbered reference citation should be enclosed by square brackets [x]. In case of two citations, the numbers are separated by a comma [1,2].

In case of more than two reference sequential citations, the numbers should be separated by a dash [1-3] and [1,3,12,..]

***4.2. Abbreviations and Acronyms***

Define all the abbreviations and acronyms the first time they appear in the article text. Do not use abbreviations in the paper title unless they are unavoidable.

***4.3. Nomenclature & units***

The nomenclature should be in alphabetic (capital letters first, followed by lowercase letters), followed by any Greek symbols, with subscript and superscript last. Units should be included between parentheses (x) using the international system of units SI.

***4.4. Equations***

Equations should be numbered consequently beginning with (1) to the end of the paper. The parentheses should be set in the same line as the equation within the text. Equations should be referenced as Eq. (x) except at the beginning of the sentence: "Equation (1) is.... “

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| $$S^{α}=\left(\frac{w\_{c}}{tan\left(\frac{w\_{c}\*T}{2}\right)}×\frac{1-Z^{-1}}{1+Z^{-1}}\right)^{α}=Ω^{α}×\left(\frac{1-Z^{-1}}{1+Z^{-1}}\right)^{α}$$ | (1) |

***4.5. Figures***

All figures should be numbered and have a caption of the figure number and a brief title of the figure. Figure should be referenced as Figure 1, and figures as Figures 1-3. The position of the Figure should be at the top or at the bottom of page as close as possible to the first reference. Figures may appear in color / shaded of gray. Figures that are composed of only black lines and shapes should have no shaded or have-tones of gray and appear only black and white. If a multipart figure is made up of multiple figures, the figure should be compatible with journal guidelines. The avoidance of sizing of figures less than one column should be avoided, because the enlargement results in a poor reproduction of the image.

In addition, minor reduction of figure size has an adverse effect on the quality of the original size of the figure.

Figure (1): Show the function curve (10 font size)

***4.6. Tables***

All tables should be numbered according to their appearance in the text and have a caption of the table number and a brief title of the table. Refer to tables as Table 1 and Tables 1 and 2 in the paper text. The data are black and white but sometimes include color.

Table (1): Show the initial values (10 font size)

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**5. Conclusion**

A concluding short section should be included. As well as conclude an inquiry response it might also summarize the main points of the paper.

**6. Recommendation**

A concluding short section should be included. As well as conclude an inquiry response it might also give the main points of the recommendations in the paper.

**References:**

Note: (References are not considered unless they are published, have a DOI number, and are taken from the researcher’s citations in APA format).

References (research in a journal, book or any other references) must include the following basic information: year of publication, full title, full name of the journal in which it appeared, volume number, issue number (issue) and page numbers of the cited research in APA format from Google Scholar, meaning that the research is published and with the identifier (DOI). References to books and technical reports must include the year of publication, full title, publisher, city of publication, and page numbers of the cited work. References numbers are written on the line, surrounded by square brackets. References writing formats should be in alphabetical order if the references are in Arabic and English and in a single sequence (The website is not considered valid unless it is part of an electronic magazine website with a number, date, and other details). The general writing formats are as follows:

**Reference:**

**Theses format:**

1. A.A. Author, (Year), “Title of Thesis,” M.Sc. Thesis, Dept., Univ., City of Univ., Country.

**Format for journals available online:**

1. Author, (year), “Title”, Journal, Vol. xx, pp. xx-xx, Available site/path/file

**Periodicals format:**

1. C.L. Author1, G.M. Author2, and R.D. Author3, (Year), “Title of Paper,” Title of Periodical, Vol. x, No x, pp. xx-xx.

**Reports format:**

1. J.K. Author, (Year), “Title of Report,” Name of Co., City of Co., Country, Report xxx.

**Conference proceeding format:**

1. J.K. Author, (Year), “Title of Paper,” Name of Conf., City of Conf., pp. xx-xx.

**Patents format:**

1. J. K. Author, (Year), “Title of Patent,” U.S. Patent x xxx xxx.

**Book format:**

1. T.H. Richards, (Year), “Title of the Book,” Publisher, nth ed, City of Publisher.

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**يجب أن يكون العنوان أقل الكلمات الممكنة التي تصف محتوى الورقة بدقة على ان لا تتجاوز 15 كلمة (محاذاة الى الوسط، غامق، 14 حجم الخط)**

JAE

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| **معلومات البحث** |  | **المستخلص** |
| **تواريخ البحث:** |  | *يجب أن يتضمن هذا القسم بيانًا موجزًا ​​ومستقلاً وقويًا يصف الهدف الرئيسي للدراسة . يجب ألا يحتوي المستخلص المكون من فقرة واحدة على صيغ ومصادر ، ويجب أن يشغل الصفحة الأولى ويتضمن العناصر التالية : خلفية مختصرة عن موضوع البحث وبدون تكرار للمقدمة ، بيان المشكلة (إن وجدت) ، هدف البحث ، الأساليب والأدوات المستخدمة في البحث و أهم النتائج : هذه الفقرة يجب ان تلخص محتوى البحث بما لا يزيد عن 250 كلمة . المستخلص الجيد يجب أن يكون دقيقًا وصادقًا ، ويمكن أن يكون مستقلاً ، ولا يستخدم أي مصطلحات فنية ، كما أنه محدد (حجم الخط 11، نوع الخط Time New Roman، نمط الخط Italic).**.* **(عدم الكتابة او التلاعب بهوامش الصفحات حيث انها مخصصة لكادر المجلة)** |
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| **الكلمات المفتاحية:**قدم ما يصل إلى خمس كلمات رئيسية تلخص الموضوعات الرئيسية للمقالة. |  |
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