**MANUSCRIPT PREPARATION**

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***Abstract:*** *These instructions are written in a form that satisfies all of the formatting requirements for the author manuscript. Please use them as a template in preparing the manuscript. Authors must take special care to follow these instructions concerning margins. The basic instructions are simple:  Manuscript shall be formatted for an A4 size page. The top margin 30mm (1.18”), bottom margin 25mm (0.98”), left and right margins shall be 22mm(0.87”). The text shall have both the left and right margins justified.*

***Key Words:*** *The manuscript should be organized in the order as: Title of the paper, Authors' names and affiliation, Abstract, Key Words, Introduction, Body of the paper (in sequential headings), Conclusion, Acknowledgements (where applicable), References, and Appendices (where applicable).*

**1. THE TITLE**

The title less than 70 characters is centred on the page and is capitalized and set in boldface Times New Roman (font size 14 pt). It should adequately describe the content of the paper.

**1.1. AUTHOR’S NAME AND AFFILIATION**

The author's name(s) (Maximum three Authors) follows the title and is also centred on the page and in boldface Times New Roman (font size 10 pt). A blank line is required between the title and the author's name(s). Last names should be spelled out in full and succeeded by author's First Name. The author's affiliation, complete mailing address and e-mail address (Times New Roman (font size 10 pt)) are provided immediately below the author(s) name.

1.2. **ABSTRACT**

A nonmathematical abstract, not exceeding 200 words, is required for all manuscripts and be prepared using Times New Roman *Italic* (font size 10 pt). It should be an abbreviated, accurate presentation of the contents of the manuscript. It should contain sufficient information to enable readers to decide whether they should obtain and read the entire manuscript. Do not cite references in the abstract.

**1.2. 1. Key words**

The author should provide at least three key words that clearly describe the subject matter of the paper.

**2. TEXT LAYOUT**

The manuscript must be typed single spacing. Use extra line spacing between equations, illustrations, figures and tables. The body of the text should be prepared in double column with a gap of 0.2” using Times New Roman (font size 10 pt). The first paragraph following a heading should not be indented. The following paragraphs must be indented 10 mm. Note that there is no line spacing between paragraphs unless a subheading is used. Symbols for physical quantities in the text should be written in italics. Reference number citations should be consecutive in square brackets [1]. The sentence punctuation should follow the brackets [2]. Multiple references [2], [3] are each numbered with separate brackets [1]–[3].

**3. SECTION HEADINGS**

Section headings should be typed left aligned on the column and in capital letters only. The type, fonts and style above (Times New Roman bold (font size 12 pt)) are an example of a section heading. Do not underline section headings. A bold font should be used for section headings. The headings should be numbered.

**3.1. SUBHEADINGS**

Subheadings (Times New Roman (font size 12 pt)) should be left aligned and in capital letters only. The headings should be numbered as 3.1, 3.2…..

**3.1.1. Sub-subheadings**

Sub-subheadings should be typed in Times New Roman 12 point italics. Only the first letter in the subheading should be capitalized. Note that a blank line precedes and follows the subheading.

**3.2. EQUATIONS AND MATHEMATICAL EXPRESSIONS**

Equation numbers should appear in parentheses and be numbered consecutively. All equation numbers must appear on the right-hand side of the equation and should be referred to within the text. Two different types of styles can be used for equations and mathematical expressions. They are: in-line style, and display style.

**3.2.1 In-line style**

In-line equations/expressions are embedded in paragraphs of the text. In-line equations should not be numbered.

**3.2.2. Display style**

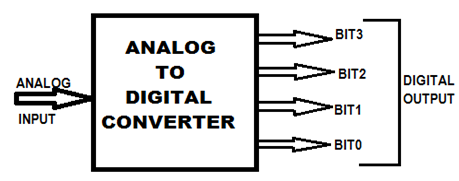
Equations in display format are separated from the paragraphs of text. They should be flushed to the centre of the column.

F=ma            (1)

Fractional powers should be used instead of root signs. A slash (/) should be used instead of a horizontal line for fractions, whenever possible; for example, use 2/3 for two-thirds. Refer to equations in the text as "Eq.(1)" or, if at the beginning of a sentence, as " Equation (1)". Vectors should be typed**boldface**. Do not use arrows, wavy-line underscoring etc.

**3.2.3. Figures and Tables**

Figures (diagrams and photographs) should be numbered consecutively using Arabic numbers. They should be placed in the text soon after the point where they are referenced. Figures should be centred in a column and should have a figure caption placed underneath. Captions should be centred in the column, in the format “**Figure 1**.” and are in upper and lower case letters. When referring to a figure in the body of the text, the abbreviation "Figure" is used. Illustrations must be submitted in digital format, with a resolution not less than 300dpi.



**Figure 1. Analog to Digital Converter**

Table captions appear centred above the table. When referring to a table in the text, "Table" with the proper number is used. Captions should be centred in the column, in the format “**Table 1**.” and are in upper and lower case letters. Tables are numbered consecutively and independently of any figures. All figures and tables must be incorporated into the text (in Portrait orientation).

**TABLE 1. Comparison of Various ADCs**

|  |  |  |  |
| --- | --- | --- | --- |
| PARAMETER | FLASH ADC | QV FLASH ADC | TIQ FLASH ADC |
| INPUT VOLTAGE | 1.8 v | 1.8v | 1.8v |
| REFERENCE VOLTAGE | 900mv | 900mv | 900mv |

**3.2.4. Units**

The use of SI units is strongly recommended and mixed units are to be avoided.

**4. CONCLUSION**

A conclusion section must be included and should indicate clearly the advantages, limitations and possible applications of the paper. Discuss about future work.

**Acknowledgements**

An acknowledgement section may be presented after the conclusion, if desired but not exceeding 100 words.

**REFERENCES**

[1] Malhotra N, Singh H and Rani S, “Modelling and analysis of surface roughness in Die-sink EDM process through response surface methodology and genetic algorithm” YMCAUST International Journal of Research, Vol. 1 No. 1, pp. 95-100 , 2013.

[2] Sharma A. K., “Data Structures using C” Pearson Publications pp 33- 35, 2012.

[3] Handa S, Raj T and Grover S, “Quest for environmental protection by integrated green manufacturing system” Trends and Advances in Mechanical Engineering (TAME-12), organized by YMCA University of Science and Technology, pp 12-17, Oct 19-20, 2012.

*Bibliography of Author(s) may be provided along with the photo.*

A List (containing complete address with email and designation) of at least three experts in their field out of which one should be of other country must be provided by the Author(s) along with their manuscript for fast processing.