

Research Advancements in Science International (RASI) INFORMATION FOR EL-74 JOURNAL AUTHORS

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INFORMATION ON JOURNAL

Mechanical and Mechatronics Engineering (MME) is an open access international journal. It covers but is not limited to statics, dynamics, and strength of materials, solid mechanics, thermodynamics, fluid dynamics, heat transfer kinematics and control theory, design, materials, manufacture, heating, ventilation and refrigeration, Finite Element Analysis (FEA), Computational Fluid Dynamics (CFD), laser technology, biomedical applications, automotive industry, computer-aided design, automation and robotics, predictive maintenance, reliability technologies, machine vision, servo-mechanics, sensing and control systems, automotive engineering, computer-machine controls, expert systems, mechatronics systems, medical mechatronics, medical imaging systems, structural dynamic systems, transportation and vehicular systems, computer aided and integrated manufacturing systems, microcontrollers and PLCs. The frequency of this publication is bimonthly. Each volume will consist of a minimum of **10 papers**. All accepted manuscripts shall be published online immediately

EDITORIAL BOARD

ABSTRACTING AND INDEXING



INFORMATION ON PUBLICATION ETHICS

Publication Ethics

For information on the publication Ethics see <https://www.naphtaliel74.com/editorial-policy>

Disclosure of Conflict of interest

Potential or actual conflict of interest with institutions, organizations or other people should be disclosed by all authors within three years of commencing the submitted work.

Condition of Submission

The following are the conditions for the submission of any article to EL-74. That the work submitted;

- ❖ has not been published previously
- ❖ is not under consideration for publication elsewhere
- ❖ is approved by all authors prior to its publication
- ❖ will not, if accepted, be published elsewhere including electronically in the same form, in English or in any other language, without the written permission of the copyright-holder.

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Recognition of funding source

Due recognition should be given to the body that funded the work. Authors are requested to identify who prepared the article and to briefly describe the role of the author(s) and sponsor(s). However, if the funding source(s) had no such involvement then this should be so stated.

Language (usage and editing services)

Manuscript should be written in good English. American or British could be used but not a combination of these.

Submission

Submission could be online see <https://www.naphtaliel74.com/online-submission-physical-sciences> or sent by e-mail to submit-physicscience@naphtaliel74.com.

After Acceptance

The Digital Object Identifier (DOI) which consists of a unique alpha-numeric character string may be used to cite and link to electronic articles. The DOI is assigned to a document particularly 'Articles in press'.

PREPARATION OF PAPER

Click the following links to see the [Paper Template \(DOC\)](#) or [Paper Template.\(PDF\)](#). In this section the format for writing a paper for the Mechanical and Mechatronics Engineering (MME) is presented

Abstract

The abstract should be a single paragraph comprising aim (about 50 words), methodology (about 100 words), results (about 100 words) and conclusion (about 50 words). It should be concise and informative and should not exceed 300 words in length but must include sufficient details to permit reasonable evaluation. No references should be cited in the abstract. Non-standard abbreviations should be avoided but where necessary, they should be clearly defined at first use. Only papers prepared according to these instructions will be accepted for review. The authors' affiliations determined by superscript (Arial Narrow, 9 point) should be written after authors' names. A blank line should be left and the word "Abstract:" (Times New Roman, bold, italic) should be written, and on the same line continue with text of abstract (italic), not to exceed 300 words. A line should be skipped and "Key words:" (Times New Roman bold, italic) should be written. In the same line four to six key words in italic should be written.

Keywords: between four to six words

1. INTRODUCTION

The introduction of a paper presents the specific problem under study and describes the research strategy. It provides a factual background, a brief literature survey, clearly defines the problem, proposes a solution, and presents the scope and justification of the work. It may be discussed under the following sub-sections; Importance of problem, Relevant scholarship, Hypotheses and their correspondence to research design. The title of the paper should be written with capital letters, 14 point, bold, font Arial Narrow. One blank line (10 point) should be left and authors' first name (Arial Narrow, 10 point, bold) and last name (Arial Narrow, 10 point, bold, capital letters) should be written with a number in superscript. The first author should also be superscripted with "*" and his correspondence address should be given in footer in the same way as it is presented in the example. The paper should be prepared according to the explanations provided in Table 1. The length of a paper is not limited. The text should be written on page A4 format using

Times New Roman, 10 pt., single spacing, and two columns (with the same dimensions for center-spacing, top and bottom as that of this paper template).

2. MATERIALS AND METHODOLOGY

The Materials and Methodology section describes clearly how the study was conducted. The materials and methodologies used will depend on the type of research. Notwithstanding, the description of the materials and methodologies used enables the reader to evaluate the appropriateness, reliability and the validity of the results obtained. It also enables other researchers to replicate the study. In a case where the work is an update of a published work, the reader must be referred to that source and simply give a brief synopsis of the method in this section.

2.1. Subsections

It is customary to divide the Materials and Methodologies section into the following subsections; (a) descriptions of the participants or subjects; (b) description of the procedures used in the study.

2.1.1. Division of Subsections

The latter sub-section in section 2.1 could be further divided into (i) description of experimental instrument or interventions employed and how they were delivered (ii) sampling procedures, size and precision; (iii) measurement approaches and (iii) the research design. Additional subsections or subheadings to divide the subsections may be necessary to help readers to fully understand the study. The section headings (11 points, bold, capital letters) are written after skipping one line. The subsection headings (11 points, bold), and sub-subsection headings (11 points, italic, bold) are written also after a line (left justified). Before and after section headings use 10 point space and before and after subsection and sub-subsection headings use 5 point space. Pictures and diagrams inserted within write up should have good quality and resolution (at least 300 dpi). At the end of the figures, leave a blank line and write heading

2.1.2 Equations

Equations should be placed flush-left with the text margin and should be preceded and followed by one blank line (5 point). If they are numbered make sure that they are numbered consequently. Put the numbers in parentheses flush with the right-hand margin level with the last line of the equation.

3. RESULTS AND DISCUSSION

In the Results and Discussion section, the collected data and the analysis performed should be summarized. The Results should be presented in detail and in accordance with the methodology to justify the conclusions. All Positive and negative results (that are contrary to theoretical predictions) should be included. Uncomfortable results should not be hidden. Raw data, used in a meta-analysis, should be made available on request by publishers for better understanding of the works conducted.

Results for different parameters should be described under subheadings or in separate paragraphs. Table or figure numbers should be mentioned in parentheses for better understanding. There should be no repetition of results in this section but rather detailed interpretation of the findings of the work and the presentation of its significance. Citations should be made to support the research findings.

3.1. Tables

The Tables should be numbered and their titles should be written above the table using 10 point, italic. There should be 10 point space before table tiles and 5 point space after table title. If a table is too wide to fit into one column, it should be put on one page width column. If a table is too long to fit into one page, the table should continue on the next page, however, the headings should be repeated on the next page.

3.2. Figures

The titles of all figures are to be numbered and written below the figure using 10 point, centered, italic. There should be 10 point space before and after all figure titles. All items in figures should be grouped together and figures should be clearly presented by leaving single line of spacing above and below them. The lettering and notations used should clear and the use of heavy black, bold lettering should be avoided. Pictures should be in JPEG or TIFF format with resolution more than 300 dpi.

4. CONCLUSION

This should be brief stating the major findings of the research. More explanations on the general editorial instructions are given in the Authors guide of EL-74 journals.

ACKNOWLEDGEMENTS

A brief acknowledgement of people who assisted in manuscript preparation, funded research, etc. may be given in this section.

CONSENT AND ETHICAL APPROVAL

This section is compulsory for medical journals; however, other journals may find this section relevant. Where applicable, statement of patient consent must be presented during submission of paper prior to peer-review. There must be official consent, protection of privacy, and all necessary considerations for human rights and ethical approval if human subjects are used. In the case of articles that involve animal experiments, there must be approval from relevant boards, Ethical Committee, or an Animal Utilization Study Committee for all works that deal with animals, and all statement, and approval numbers, must accompany all submission. Authors are to write official statements of adherence to the principle of laboratory animal care and National laws. Authors must also be prepared to send at any point of paper processing electronic copies of approval by appropriate ethical Committees.

REFERENCES

All References must be listed at the end of the manuscript and numbered in the order that they appear in the text. All references referred in the text must be present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [7]. The reference list should not include unpublished or unaccepted articles. The lettering of the list of References should be in 11 points, Times New Roman. A sizable number of references should be cited in text and presented in the list. Already published papers from References of EL-74 journals could be cited and thereby increase the rating of EL-74 journals.

DEFINITIONS

This is an optional section where symbols, acronyms, and abbreviations are defined.

APPENDIX

This is also an optional section where additional information for better understanding of certain aspects of the manuscript is provided.