

Author Guidelines

European Mechanical Science (EMS) is an international, peer-reviewed journal that publishes full-length original research papers, and reviews related to all areas of Mechanical Engineering such as Solid Mechanics, Materials Engineering, Automotive Engineering, Fluid Mechanics, Thermal Engineering, Engine, and Power Engineering, Dynamics & Control, Robotics & Mechatronics, Transportation Engineering, Computational Mechanics, Design, Systems, Manufacturing, Biomedical Engineering; Process Engineering, Aerospace Engineering.

All manuscripts must be in English. Pages should be numbered sequentially. The manuscript should be composed in accordance with the Article Template (<https://dergipark.org.tr/tr/download/journal-file/17712>) given above. The maximum length of contributions is 20 pages.

SUBMISSION

All manuscripts must be submitted electronically via the Internet through the online system for EMS journals at <https://dergipark.org.tr/tr/pub/ems>. After selecting the journal, you will be guided stepwise through creating and uploading the various files. Papers are accepted for evaluation on the understanding that:

- They have not been published,
- They are not being considered for publication simultaneously elsewhere,
- They are not going to be submitted for publication elsewhere.

Copyright Form

The copyright transfer form, which can be found at <https://dergipark.org.tr/tr/download/journal-file/16273>, must be signed by the corresponding author on behalf of all authors and must accompany all papers submitted.

The articles are open to access and no fee is charged to the authors at any stage for the publication of the articles.

European Mechanical Science (EMS) publishes original scientific articles under the following headings.

Research Article: These are studies that reflect original research with its findings and results.

Review Article: These are the articles that scan a sufficient number of scientific articles, summarize the subject at the level of today's knowledge and technology, and evaluate and interpret these findings by comparing them.

Each article is sent to at least three referees and the evaluation phase is carried out in terms of form and content. In the refereeing process, a single-blind refereeing method is used. The articles that are determined to be able to be published in the journal are made ready for publication by typing.

Checklist

During the submission process, authors should check that their submissions comply with all the items in the list below, applications that do not comply with this guideline will be sent back to the authors.

1. The submitted manuscript has not been previously published or submitted to any journal for consideration.
2. The manuscript file is in the format of Microsoft Word, RTF document.
3. URLs of references are provided where available.
4. The text is single-spaced, written in 12-point, italicized instead of underlined (except URL addresses), and all figures, pictures, and tables are placed in appropriate parts of the text instead of at the end of the page. Please send quality copies of the pictures as an attachment for printing. If the sent file size is too large, the system may not receive it. In such cases, you can divide the article and send the other parts one by one as additional files.
5. The text has been prepared in accordance with the formal and bibliographical requirements specified in the Author's Guide in the "About the Journal" section.
6. The similarity rate of the manuscript is $\leq 20\%$.
7. Within the steps of submitting the manuscript, contact information including the name, surname, and e-mail address of at least 3 referees related to the subject of the article should be written in the Notes to the Editor section. The proposed referees should be different from the institutions where the author(s) are located.

PRESENTATION

1. **TEXT:** It should be written in Times New Roman font and in 12 pt. It should not exceed 20 pages, excluding references and figures and scanning texts. Authors should specify what type of article their article is (Research Paper or Review Paper).
2. **TITLE:** The title of the manuscript should be written in Times New Roman, 14 pt., and centered with the first letters capitalized, the title should be appropriate to the text, short and clear.

All first-degree titles in the text should be written in capital letters, in second-degree titles, the first letters of all words should be capitalized, for third and lower-degree titles, only the first letter of the title should be capitalized.

3. **ABSTRACT:** It should be written in Times New Roman font, and in 10 pt. not exceeding 250 words.
4. **KEYWORDS:** 4-6 significant keywords should follow the abstract to aid indexing.
5. **MANUSCRIPT STRUCTURE:** In general, it should cover the introduction, materials and methods, results and discussion, and conclusions sections.

Notes:

The introduction section should provide a review of recent literature and sufficient background information to allow the results of the article to be understood and evaluated.

The materials and methods section should provide details of the materials and methods used.

The results section should provide clearly and concisely present the data, using figures and tables

The discussion section should describe the relationships and generalizations shown by the results and discuss the significance of the results, making comparisons with previously published work. (It may be appropriate to combine the Results and Discussion sections into a single section to improve clarity.)

The conclusion section should present one or more conclusions drawn from the results and subsequent discussion and not duplicate the Abstract.

Acknowledgment (optional) of collaboration or preparation assistance may be included. Please note the source of funding for the research.

- 6. REFERENCES:** must be cited consecutively in the text using square brackets [1] and collected together in a reference list at the end of the manuscript. (In references to be added at the end of sentences, a period sign should be placed after the reference given in square brackets.)

Notes:

A reference list must be included using the following information as a guide. Only cited text references are to be included. Each reference is to be referred to in the text by a number enclosed in a square bracket (i.e. [3] or [2] to [4] for more references; do not combine more than 3 references, explain each).

References must be numbered and ordered according to where they are first mentioned in the paper, not alphabetically. All references must be complete and accurate. Please add the DOI code if available.

Journal Papers:

Surname 1, Initials, Surname 2, Initials (year). Title. Journal, volume, issue, pages, DOI code.

[1] Calikoz, R., Ozcanli, B., Serin, F. (2017). Simulating nonlinear materials under vertical forces by using intelligent. *European Mechanical Science*, 57(7-8): 531-538. doi:10.5545/ems.2017.013.

Journal titles should not be abbreviated. Note that the journal title is set in italics.

Books:

Surname 1, Initials, Surname 2, Initials (year). Title. Publisher, place of publication.

[2] Ozgur, M.P. (2012). *Fundamentals of Mechanical Engineering*. Gunlubey, Ankara.

Chapters in Books:

Surname 1, Initials, Surname 2, Initials (year). Chapter title. Editor(s) of book, book title. Publisher, place of publication, pages.

[3] Akarca, G., Gelidor, M. (2016). Mechanical robotic systems. Calikca, V., Kurbetoglu, A., Merdan, M. (Eds.), *Cutting Edge Robotics*. Literatur Bergli, Mammendorf, 553-576.

Proceedings Papers:

Surname 1, Initials, Surname 2, Initials (year). Paper title. Proceedings title, pages.

[4] Seferci, N., Malikoglu, S., Tosun, N. (2009). Applied mechanic in process industry. *IMSEC 2016 Conference Proceedings*, 422-427.

Published Thesis:

Surname, Initials (year). Title of the thesis, thesis type (Msc, PhD), university or institute where it was presented, country.

[5] Karacor, B. (2020). The usage of natural fiber reinforced hybrid composite materials as an alternative to automobile interior plastics, Msc, Çukurova University, Turkey.

Web Page:

At a minimum, the full URL and the date when the reference was last accessed should be given. Any further information should also be given if known (DOI, author names, dates, reference to a source publication, etc.).

[6] Kompozitshop, (accessed date: 13 June 2021). <https://www.kompozitshop.com/bazalt-fiber-kumas-200grm2-plain>.

Standard Method:

The number of the standard, (year). The name of the standard, publisher.

[7] ASTM D3039, (2000). Standard Test Method for Tensile Properties of Polymer Matrix Composite Material, ASTM International.

FIGURES

Figures (figures, graphs, illustrations digital images, photographs) must be cited in consecutive numerical order in the text and referred to in both the text and the captions as Figure 1, Figure 2, etc. Figures should be prepared without borders and on white grounding. If a figure is composed of several parts, please mark each part with a), b), c), etc., and provide an explanation for each part in the Figure caption. Letters and numbers in the figures should be readable. The caption should be self-explanatory, times new roman, 12pt, and justify both sides. Also, the captions should be placed below the figures.

Example:

Figure 1. The caption should be self-explanatory.

Graphics (submitted as supplementary files) may be exported in a resolution good enough for printing (min. 300 dpi) in any common format, e.g. TIFF, BMP, GIF or JPG, PDF, and should be named Fig1.jpg, Fig2.tif, etc. However, graphs and line drawings should be prepared as vector images, e.g. CDR, AI.

Multi-curve graphs should have individual curves marked with a symbol or otherwise provide distinguishing differences using, for example, different thicknesses or dashing.

TABLES

Tables should carry separate titles and must be numbered in consecutive numerical order in the text and referred to in both the text and the captions as Table 1, Table 2, etc. In addition to the physical quantities, such as *t* (in italics), the units (normal text) should be added in square brackets. Tables should not duplicate data found elsewhere in the manuscript. Tables should be prepared using a table editor and not inserted as a graphic. Letters and numbers in the tables should be readable. The caption should be self-explanatory, times new roman, 12pt, and justify both sides. Also, the captions should be placed above the tables.

Example:

Table 1. The caption should be self-explanatory.

FORMULAS AND UNITS:

All formulas in the text should be written in equation format. Formulas should be given sequence numbers as (1), and (2). All units must be in the SI unit system.

Example:

$$F = ma \tag{1}$$

NOMENCLATURE (optional)

It can be given before the references at the end of the text.

ACKNOWLEDGMENT (optional)

If people or institutions are to be thanked, they should be written in this section and given before the references.

THE DECLARATION OF CONFLICT OF INTEREST

Corresponding author(s) must disclose, on behalf of all author(s) of an article, any financial and personal relationships with other individuals or organizations that may improperly influence their work. Examples of potential conflicts of interest can be personal, business, political, academic, or financial.

All author(s), including those who have no interests to declare (who may state that they have nothing to declare), should provide relevant information to the corresponding author.

For example;

In accordance with the conflict of interest policy and my ethical obligation as a researcher, I declare that [company, institution, person] may be affected by the research reported in the accompanying document. I have fully disclosed this conflict of interest situation to the journal and I have an approved plan for managing potential conflicts."

If no conflict of interest situation is disclosed, we will add the following statement to your article at the time of publication: "No potential conflict of interest was declared by the authors".