**Journal of Metallurgy and Materials Science (JMMS)**

Instructions for Authors

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**Scope of the Journal**

Journal of Metallurgy and Materials Science (JMMS) publishes original articles, review reports and short communications in the areas of minerals, metals and materials tracing the overall life cycle of structural as well as functional materials. The journal lays special emphasis on fundamental sciences related to metallic materials and their applications.

The scope of JMMS may be enumerated as: Mineral processing; Extractive metallurgy: ferrous and non ferrous; Processing of metals; Advanced joining of metals ; Mechanical behaviour of materials; Materials failure mechanisms including Creep, Fatigue, Fracture and Corrosion; Characterization of materials; Non Destructive Techniques; Functional materials; Computational materials engineering; Metallurgical waste recycling and utilization of metallurgical and electronic wastes.

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* Manuscripts within 10% similarity will be accepted for review.
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1. Manuscripts should be sent in MSWord and pdf format.
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3. All pages should be numbered consecutively, beginning with page 1, the title page.
4. Tables and figures should be numbered serially. Figures should have legends if applicable.
5. Tables and figures will be placed near their first mention in the text; all tables and figures must be referred to in the manuscript.
6. The following information must be included:
* Title of the article;
* Name(s) and initial(s) of author(s)
* Affiliation(s) of author(s);
* Name, address, telephone, mobile number and e-mail address of the corresponding author.
* **Abstract:** Each article should include a brief abstract of 250 words, that should highlight the objectives, methods, results, and conclusions of the paper.
* **Keywords:** To identify the subjects under which the article may be indexed, 6-10 key words should be provided.
* **References:** In the text, references to the literature should be presented within square bracket indicating the reference number [1]
* **Paper:**

[1].J Singh , A. Kumar: Investigation of structural, morphological and electrochemical properties of mesoporous La2CuCoO6 rods fabricated by facile hydrothermal route. Int J Miner Metall Mater 27, 987–995, 2020

* **Book:**

[2] J D Verhoeven: Fundamentals of physical metallurgy, 1st Edition, New York: Wiley, New York, pp. 55-61, 1975

* **Online document**

 [3] Cory Mitchell: Fractal Indicator Definition and Applications. Technical analysis basic education. Available via <https://www.investopedia.com/terms/f/fractal.asp>

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* **Mathematical Equations:** Mathematical equations, suitably numbered, should be inserted in the text through ''Equation editor" of MS word as per the example
	+ - *  ...(Eq 1)
* **Symbols, Abbreviations, Units, etc**.: It is mandatory to define the symbols and acronyms at first mention within the text and also in titles and abstracts. The authors are requested to follow internationally accepted rules for nomenclature, abbreviations, symbols and units.
* **Computer Code:** Pseudo algorithms, as presented below, with appropriate reference should be submitted.
	+ **Title:** To compute power spectral density and corresponding frequency

**Input:** Time domain data X(t)

**Output:** P

* Read the signal X(t)
* Crop the signal and get the length N
* Supply sampling frequency, *fs*
* Do fast Fourier transformation of the signal

Xk=fft(X(1:N), *fs*);

* Compute power spectral density and corresponding frequency by

P = Xk.\* conj(Xk) / N;

f = fs\*(1: *fs*)/N;