30 mm

Minimum 90mm and maximum 120 mm

60 mm

**Authors’ Guide for the First NIC Full Paper Submission**

Title, 1 or 2 Lines, Single Space, Times New Roman 16pt, Bold

**First Author1, Second Author2, … (Times 12 pt, Bold)**

**1- First Author’s Affiliation and Short Address (Times 10 pt, Bold)**

### Note

• Joint addresses should be mentioned only once, for example:

1,3- first and third author address

2- second author

• A single address doesn’t take any number when all authors have a common address.

**2- Second Author’s Affiliation and Short Address**

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Corresponding Author’s E-mail (Times 10 pt)

# Abstract

Each paper must be accompanied by a 150 to 200-word abstract, written as a single paragraph, having 40mm distance from left and 35mm from right sides. It should be a summary (not an introduction) and complete in itself, indicating the subjects, objectives, method of investigation, and distinct achievements. Abstract should be prepared by Times New Roman font size 9 pt. Place it with a distance of between 90mm and 120mm from top of the page.

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35 mm

**Keywords: Maximum 5 words separated by comma, Times 9 pt Bold.**

**1. Introduction** (with two 9 pt lines space from the keywords)

This direction provides required guidelines to authors to write their English papers in accordance with a standard identical format acceptable to this conference. The fulfillment of these instructions is mandatory for all contributors. Note that the appearance of this guide sheet conforms to the suggested directions and can be used for preparing your own paper after removing the guiding boxes/signs.

The authors of English papers are requested to use Microsoft Word 2003 in Windows to create their final docx and pdf files with embedded fonts. Use Times New Roman 10 pt and single space for paper body text. The full paper should be formatted in single column with the margins specified on this template (30mm from top and left, and 25mm from right and bottom). Each section title or subtitle should be appeared in Times New Roman 11 pt in the bold face with two blank line spaces from its preceding section and one from the following text. Always number section titles and subtitles. The first line of each paragraph except the one appearing immediately after the title of each section should have an indentation equal to 10mm.

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## 2. Submission of Papers

All papers will take evaluation process in the referee committee. For a paper to be considered for evaluation process, the author should submit his/her full length paper in doc and pdf formats with embedded fonts. Make sure that you revoke the “do not sent fonts to Adobe Acrobat” option while creating the pdf file. Please include all relevant materials (text and accompanying figures) into a single document.

The acceptance of received papers will be communicated with the corresponding author and can be tracked by all authors through the conference web site. A paper which receives final or conditional acceptance should be prepared regarding the requested corrections, and the paper should be sent again via conference web site.

## 3. Page Limitation

Full papers, including main body, figures and tables, should not be more than 9 pages.

**3. Footnotes**

All footnotes, if necessary, should be inserted with Times New Roman 9 pt Font, separated from the main body text by a line.

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## 4. EQUATIONS



All equations (in one or more lines) must be written in the left of line with Times New Roman font and appropriate size. Number all equations sequentially from 1. Each equation number should be right justified written in parentheses. Relevant theories and equations should essentially be adequate and not too elaborate. Note to the following sample equation:

$\left[1-\left(1-f\right)^{\frac{1}{3}}\right]=\frac{M\_{FeO}.k.C\_{H2}^{0}}{ρ\_{FeO}.r\_{0}}.t$ (1)

Where *f* and *r0* are … and … respectively for reduction fraction, initial particles radius, …. .and time.

## 5. Introducing Variables and Symbols

Since it is not necessary to present nomenclature at the beginning of the paper, each variable or symbol used in the text must be clearly defined after its first appearance in the text.

**6. Units**

Acceptable system of units is standard metric (SI) and all variables and numerical values should be expressed in metric units. Authors should clearly write units of quantities inserted in tables or used as labels of drawing axes.

**7. Figures and Drawings**

All figures and drawings must be placed within the text immediately after they are first cited, centered in the text, preceded by one and followed by two blank lines. Drawings must be clear and sharp. Letters, numbers, and legends in illustrations should be large enough to be legible. Each figure must have a number and a caption, see Figure 1. Captions should be placed below the figures and should be written in Times New Roman 9 pt Boldface. All figures should be cited within the text.



**Figure 1. Reduction fraction versus time at different temperatures**

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Size 9 pt, bold

**8. Tables**

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All tables must be placed within the text immediately after they are first cited, centered in the text, preceded by one and followed by two blank lines. Tables must have a number and a caption, see Table 1. Captions should be placed above the tables and should be written in Times New Roman 9 pt Boldface. All tables should be cited within the text.

**Table 1- Computed values of the rate constant k at two different temperatures and atmospheres**

Size 9 pt, bold

|  |  |  |
| --- | --- | --- |
| T, K | H2 | H2-20%N2 |
| *k*, (cm2/s) | *k*, (cm2/s) |
| 1173 | 2.57 | 2.16 |
| 1223 | 3.95 | 3.76 |

**9. Conclusions**

Each paper should be concluded to distinct and effective statements or explanations as highlighted conclusions.

**10. Acknowledgment**

This section, if necessary, comes before the references.

**11. References**

References, as the final part of each paper, should be written by Times New Roman 10 pt. They are to be numbered in the order they appear in the main text and referenced just by numbers within brackets, e.g. [3]. Only references, which are cited in the paper, should be included. For each reference, adequate specifications should be mentioned according to a standard format such as the following examples. If you are indicating a document published in the Persian language please add the expression ‘(in Persian)’ at the end of it.

[1] Yadav, S., Srishilan, C. & Shukla, A.K., “Thermodynamic Model of MIDREX Ironmaking Process Using FactSageTM and Macro Facility”. Metall Mater Trans B, (2023), 54, 3508–3525. <https://doi.org/10.1007/s11663-023-02928-9>

[2] Qiu, D., Wei, S., Elsherbiny, A.A. et al., “Experimental and Numerical Simulation Study on Reduction of Pellets Based on X-ray Micro-computed Tomography”. Metall Mater Trans B, (2023), 54, 3299–3311. <https://doi.org/10.1007/s11663-023-02908-z>

 [3] Mishra, B., Singh, A.K., Mahobia, G.S. “Carbothermic Reduction and Kinetics of a Lean Grade Multimetallic Magnetite Ore”. Proceedings of the International Conference on Metallurgical Engineering and Centenary Celebration. METCENT 2023, Singapore. (2024). <https://doi.org/10.1007/978-981-99-6863-3_64>