

First A. Author
(Calibri 11 pt, bold)

Department Name
Institution Name
City, Country
(Calibri 8 pt)

Second B. Author
(Calibri 11 pt, bold)

Department Name
Institution Name
City, Country
(Calibri 8 pt)

Third C. Author
(Calibri 11 pt, bold)

Department Name
Institution Name
City, Country
(Calibri 8 pt)

Title (Calibri 16 pt, bold)

The abstract should not exceed 250 words, should be one paragraph and should be free of references and abbreviations. The abstract should be informative and completely self explanatory, briefly present the topic, state the scope of experiments, indicate significant data and point out major findings and conclusions. The abstract should clearly mention background and objectives, materials and method, results, conclusions.

(Calibri 10 pt, Italic).

Keywords (Calibri 10 pt, Bold): 5-8 keywords, left justified (Calibri 10 pt, Italic).

1. INTRODUCTION (ALL CAPS - CALIBRI 11 PT, BOLD) - ALIGN LEFT

These are instructions for authors typesetting for the Journal IJAMDE and the accepted manuscripts must be prepared using the required format. Quality of English language must meet the standards of the journal and should be free from typo and spelling mistakes. Authors are requested to strictly follow the manuscript template for timely publication of their article. The paper is to be written in two-column format on the paper size A4 and be right and left justified, using single spacing (Calibri 10 pt). The width of all margins is to be 20 mm. The width of each column is to be 80 mm, and the gap between columns should be 10 mm (Format>Columns).

The paragraph indentation is to be 5 mm (Format>Paragraph>Indents and Spacing>Special: First line by 5 mm).

Leave one clear line before and after a main or secondary heading.

2. MAIN HEADING (ALL CAPS - CALIBRI 11 PT, BOLD) - ALIGN LEFT

The correspondence details of the corresponding author must be added on the left hand bottom corner of the first page in the article. Corresponding author should provide his/her complete affiliation details for purpose of future correspondence by peer reviewers or other authors.

2.1 Secondary heading (Calibri 11 pt, bold) – Align left

Avoid leaving a heading at the bottom of a column, with the subsequent text starting at the top of the next page/column.

Do not use further subdivision, for instance 2.1.1. is not allowed.

Use Word program Equations editor to type all formulas (size 10). For subscripts and superscripts use letter size 8. Denotation typewritten in the text should be set in italic, size 10.

Mathematical formulas should be centred and have to be numbered consecutively from 1 in parentheses on the far right margin of the column, as formula (1):

$$\frac{d\delta_2}{dx} + (2\delta_2 + \delta_1) \frac{\bar{u}'_e}{\bar{u}_e} = \frac{\tau_w}{\rho \bar{u}_e^2} + \frac{\nu}{\bar{u}_e^2} \left(\frac{\partial^2 \bar{u}}{\partial y^2} \right)_e \quad (1)$$

All variables: *a, b, ... , x, y, z*, should be set in italic,

$$Nu_x = \frac{\varphi D}{[\lambda_f (T_s - T_{amb})]} = \frac{h_x D}{\lambda_f} \quad (2)$$

Non dimensional numbers as e.g. Reynold's, should be set in italic:

$$Re, \dots \quad (6)$$

Full point and comma have to be typewritten in the text and not in Word Equation Editor.

Refer to (1), not to Eq. (1), or equation (1), except at the beginning of a sentence. Be sure that the symbols in your equation have been defined before the equation appears or immediately following.

SI units are strongly encouraged. Do not use English units. Avoid combining different units. This often leads to confusion because equations do not balance dimensionally. If you must use mixed units, clearly state the units for each quantity in an equation.

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Corresponding Author: XXXXXXXXX
Affiliated Institution,
Institution Address
E-mail: mail idof corresponding author

Units should be typewritten vertically, as for example:

$$p = 10 \text{ N/m}^2 \text{ or } p \text{ [N/m}^2\text{]}.$$

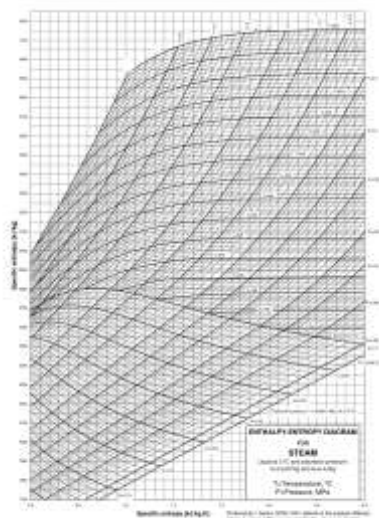


Figure 1. Title (Calibri 10 pt, bold) – Align left

Restrict figures to single-column width unless this would make them illegible. If possible, do not assemble figures at the back of your article, but place them as close as possible to where they are mentioned in the main text.

Figures, numbered consecutively with captions, should be incorporated into the main body of the text. Do not put figures in frames.

No part of a figure should go beyond the typing area. Captions should appear below graphical objects. Figures are to be inserted in their proper place throughout the paper and not to be grouped together. Please use only drawings and photographs of excellent quality. Figures should be ideally be submitted in high-resolution TIFF/ JPEG format to avoid change in quality while rescaling to fit in the final manuscript. Figure must be cited in text as figure 1. Authors must ensure to cite the reference for figures if taken from other research articles. Figures must be centre aligned.

All tables should be incorporated into the main body of the text and must be centred in the column and numbered consecutively (in Arabic numbers). The tables should contain only horizontal lines as shown in template.

Place tables as close as possible to where they are mentioned in the main text. Large tables may span both columns.

Table headings should be placed above the table, as shown in this template.

Table 1. Heading (Calibri 10 bold) – Align left

Element	Chemical composition (%)			
	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO
Cordierite (C)	45.52	28.10	1.23	3.70
Talc (T)	62.20	3.11	1.25	1.07

It is recommended that footnotes be avoided. Instead, try to integrate the footnote information into the text. Authors must ensure to cite the reference for table if taken from other research articles

Define abbreviations and acronyms the first time they are used in the text, even they have already been defined in the abstract. Do not use abbreviations in the title unless they are unavoidable.

3. CONCLUSION (CALIBRI 10 PT, BOLD, ALIGN LEFT)

A conclusion section is not required, but it is strongly recommended. Although a conclusion may review the main points of the paper, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extensions.

ACKNOWLEDGMENT (CALIBRI 10 PT, BOLD, ALIGN LEFT)

Use the singular heading even you has many acknowledgments. Also put in this section sponsor and financial support acknowledgments.

REFERENCES (CALIBRI 10 PT, BOLD, ALIGN LEFT)

In the reference list, single author journal paper (Kaminsky et al., 1985), multi authored journal paper (Mohan et al., 2006; Monyem and Gerpen, 2001), books (Knothe et al., 2015) should be cited as in the following examples:

Kaminsky W (1985). Thermal recycling of polymers. *Journal of Analytical and Applied Pyrolysis*, 8, 439-448.

Knothe G, Krahl J and Van Gerpen J (2015). *The biodiesel handbook*. Elsevier.

Mohan D, Pittman CU and Steele PH (2006). Pyrolysis of wood/biomass for bio-oil: a critical review. *Energy & fuels*, 20(3), 848-889.

Monyem, A. and Van Gerpen, J.H., 2001. The effect of biodiesel oxidation on engine performance and emissions. *Biomass and bioenergy*, 20(4), pp.317-325.

References must be arranged in alphabetical order. Please note that all references listed here must be directly cited in the body of the text. Please do not cite only your work or reports, but give proper reference to relevant related work of easy access. Authors are requested to use proper citation tool for citing the reference in the article. References must cited in text using author last name followed by the year of publications.

If the reference has not been written in English, please translate it into English, and state the original language in brackets, e.g. (Language published e.g. German, Russian).

Nomenclature should be put after references, but it is not required.

NOMENCLATURE (CALIBRI 10 PT, BOLD, ALIGN LEFT)

a_f thermal diffusivity for fluid, (Times New Roman 10)
 $a_f = \lambda_f / (\rho c_p)$
 h_x local heat transfer coefficient

Greek symbols (Calibri 10 pt, bold, italic)

δ_{ij} Kronecker delta
 τ_{ij} Reynolds or turbulent stress $\tau_{ij} = -\rho \overline{u_i u_j}$

Superscripts (Calibri 10 pt, bold, italic)

co convective section
 f furnace section

Table 2. Heading – Large tables and figures may span both columns, and if it is not possible to incorporate them in the main text you can position them at the end of the paper (Calibri 10 bold).

Term	Normal components of Reynolds stress		
	$\overline{u_1 u_1}$	$\overline{u_2 u_2}$	$\overline{u_3 u_3}$
$-\mathcal{R}_{\tau,ij}^II / \rho$	$-0,4 \overline{u_2 u_2} \frac{\partial U_2}{\partial x_2} - 0,4 \overline{u_3 u_3} \frac{\partial U_3}{\partial x_3}$	$0,8 \overline{u_2 u_2} \frac{\partial U_2}{\partial x_2} - 0,4 \overline{u_3 u_3} \frac{\partial U_3}{\partial x_3}$	$-0,4 \overline{u_2 u_2} \frac{\partial U_2}{\partial x_2} + 0,8 \overline{u_3 u_3} \frac{\partial U_3}{\partial x_3}$
$-\mathcal{R}_{\tau,ij}^{w,II} / \rho$	$-0,12 f_w \overline{u_2 u_2} \frac{\partial U_2}{\partial x_2} +$ $+0,24 f_w \overline{u_3 u_3} \frac{\partial U_3}{\partial x_3}$	$-0,12 f_w \overline{u_2 u_2} \frac{\partial U_2}{\partial x_2} +$ $+0,24 f_w \overline{u_3 u_3} \frac{\partial U_3}{\partial x_3}$	$0,24 f_w \overline{u_2 u_2} \frac{\partial U_2}{\partial x_2} +$ $-0,48 f_w \overline{u_3 u_3} \frac{\partial U_3}{\partial x_3}$