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| Journal Name: | [**Physical Science International Journal**](https://journalpsij.com/index.php/PSIJ) |
| Manuscript Number: | **Ms\_PSIJ\_138989** |
| Title of the Manuscript: | **VALORIZATION OF PEANUT SHELLS FOR STABILIZING “KOUNDA” CLAY BLOCKS : THERMAL AND MECHANICAL STUDIES OF ADOBE BRICKS** |
| Type of the Article | **Original Research Article** |

**PART 1: Comments**

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|  | **Reviewer’s comment**   |  |  | | --- | --- | | **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer** | | | **review.** |  | | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | The article is classified as an informative article with full data of experiments. The article focuses on the thermal and mechanical characteristics of brick by using peanut shells. The data from the experiments will be useful for further study. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title of the article should be replaced by referring to the main objective of the study. |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | Please reorganise the abstract section by focusing on the basic format including the research background, problem statement, main objective, methodology, result & discussion, and conclusion. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The article is categorised as scientifically but should be improved by adding the comparative analysis from the codes and previous studies. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The reference should be added with the relevance and recent reference (2020-2025). |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | The language should be improved by submitting it to a proofreader. |  |
| **Optional/General** comments | The article should be improved especially the abstract, keywords, introduction, material & methods, results and discussion, and conclusion. The introduction should be improved by adding the clear main objective, the previous study on the use of peanut shells in construction activity, and reorganise the paragraph accordingly to issues that are elaborated. The materials and methods section should be improved by explaining the preparation of the sample in specific and ensuring the explanation tallies with the result & discussion section. The result & discussion section should be improved by elaborating more on the data and compared with previous studies or codes. Please check the figures, which should explain all parts and please redo every graph by providing all data and units. The conclusion is sound too general and rewrite the section by referring to the objective and result & discussion. For other comments and suggestions, please refer to the attached PDF file.  **PLEASE SEE ATTACHMENT** |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**Syahrul Hisyam Mohd Sani , Malaysia**