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| Journal Name: | [**Journal of Materials Science Research and Reviews**](https://journaljmsrr.com/index.php/JMSRR) |
| Manuscript Number: | **Ms\_JMSRR\_144812** |
| Title of the Manuscript: | **Sustainable Utilization Of Granite Stone Dust: Experimental Investigation Of Wear Index In Polymer Matrix Composites For Structural Applications** |
| Type of the Article |  |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comme nt**  **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.** | This manuscript addresses an emerging area of research with significant relevance to the scientific community.  By exploring the material’s properties and potential applications, it contributes valuable insights that can aid in the design and development of advanced composites. The findings provide a foundation for further investigations, helping researchers to bridge gaps in existing literature. Moreover, the work has the potential to inspire future studies and practical applications in related fields, thereby strengthening its impact. | Okay |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Its suitable** | Okay |
| **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.** | Revise the abstract to highlight significance earlier, condense excessive methodological detail, and ensure a balanced presentation of results and applications |  |
| **Is the manuscript scientifically, correct? Please write**  **here.** | From the abstract, the manuscript appears to be scientifically correct; however, its validity depends on the rigor  and completeness of the methods and results in the full text. Moreover, additional characterization such as tensile, flexural, impact, and SEM analyses is required to meet publication standards, since the author has included only one parameter | More parameters/tests added to strengthen the manuscript |
| **Are the references sufficient and recent? If you have**  **suggestions of additional references, please mention them in the review form.** | Refer this Article; by Balaji J  [Experimental and computational analysis of thermal characteristics of polymer resin](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=Jl6dG-AAAAAJ&citation_for_view=Jl6dG-AAAAAJ%3AY0pCki6q_DkC) [reinforced with rice husk and aluminium nitride filler composites](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=Jl6dG-AAAAAJ&citation_for_view=Jl6dG-AAAAAJ%3AY0pCki6q_DkC) | added |

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| **Is the language/English quality of the article suitable**  **for scholarly communications?** | satisfied |  |
| **Optional/General** comments | * should provide details of the physical and mechanical properties of the materials. * should include more relevant literature to strengthen the content of the manuscript. * should provide images or figures of the prepared laminates or composites. * The manuscript lacks sufficient characterization, the author has introduced only one parameter. * should include Scanning Electron Microscopy (SEM) analysis to support the findings. * should avoid drawing application level conclusions based on a   single parameter additional mechanical and physical characterizations are required. | All corrections added. |

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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)* |  |