

Review of: "Investigation of Mechanical Properties of Sisal Fiber and Sugar Palm Fiber Reinforced Hybrid Composites"

Vikas Goyat¹

¹ SRM Institute Of Science & Technology (Deemed University)

Potential competing interests: No potential competing interests to declare.

The manuscript explores hybrid composites using sisal and sugar palm fibers as reinforcements in epoxy matrices. The review comments on the manuscript are as follows:

1. Consider removing the names of testing machines from the abstract to streamline the content.
2. Enhance the abstract to better represent the key findings and significance of the study.
3. Expand the literature review section with recent articles to provide a more comprehensive overview of the field.
4. Include a statement about the novelty of the research in the introduction section to highlight its contribution to the field.
5. Compare the findings of the present study with existing literature in the introduction section to provide context and highlight the significance of the research.
6. Provide a more detailed explanation of the treatment methodology used for the hybrid composites.
7. Justify why epoxy resin was chosen to constitute 70% of the composite material.
8. Clarify the number of specimens or samples (samples 1, 2, and 3) tested in the study; if one, then justify the quality of results.
9. Improve the resolution of Figure 7 to ensure clarity and readability.
10. Add information about the properties of the fibers and resin used in the study to provide a comprehensive understanding of the materials.
11. Consider including microscopic observations to further support the study's findings and enhance understanding.
12. Conduct a thorough review of the manuscript to identify and correct grammatical and linguistic errors for improved clarity and readability.