

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

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**Potential competing interests:** No potential competing interests to declare.

## Reviewer Inputs

Manuscript Title: Investigation of mechanical properties of sisal fiber and sugar palm fiber reinforced hybrid composites

1. Provide an overall summary in the abstract write-up.
2. Revise the keyword selection.
3. Define CG and KG fibers in Muralidharan et al work.
4. Para 4 – Introduction – three times are repeating the same sentence.
5. Missing the gap statement in the introduction write-up.
6. Provide the problem statement which motivates the study. Include in the introduction section.
7. Section 2 – Materials and Methods – the author should delete the explanation provided in section 2 as the methodology should be written straight-forward and concisely. This also applies to sections 2.1, 2.2,
8. Improve the quality of Figure 7 or redraw.
9. Section 3.3 – reconfirm the percentage of alkaline treatment. Is it 5% or 20%?
10. Further explain and provide a reason for the best performance of the sample made from 15% sisal and 15% sugar palm fiber.
11. What does the author mean by the coarse aggregate? – refer to “The flexural MR is about 10 to 20 percent of the compressive strength, depending on the type, size, and volume of coarse aggregate used.”
12. Further elaborate the discussion for section 4.3.
13. Provide a reason for the maximum water absorption due to the more amount of sugar palm fibers.