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

Sundar Sundarakannan

Potential competing interests: No potential competing interests to declare.

1. How does the ratio of sisal to sugar palm fibers affect the mechanical properties, such as tensile strength, flexural strength, and impact resistance, of the hybrid composites?

2. In what ways do the results of the water absorption test contribute to the understanding of the durability and environmental performance of the sisal and sugar palm fiber-reinforced hybrid composites?

3. How do the findings of this experimental work contribute to the potential applications of natural fiber hybrid composites in various industries?

4. What challenges or limitations were encountered during the fabrication process of the hybrid composites, and how were they addressed?

5. Considering the agricultural origin of sisal and sugar palm fibers, how sustainable and environmentally friendly are these hybrid composites compared to traditional synthetic reinforcements?

6. How might the optimal combination of sisal and sugar palm fibers in hybrid composites vary for different applications or industries?

7. Are there any specific insights from the study that could guide further research or improvements in the fabrication techniques of natural fiber-reinforced hybrid composites?

8. In what ways could the results of this research impact the development of eco-friendly and cost-effective composite materials for the future?