

Review Form 3

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_127440
Title of the Manuscript:	Tensile Behavior of Date and Banana Fiber-Reinforced Sustainable Green Hybrid Composites
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is a valuable contribution to science, responding to the critical need for sustainable materials in industries such as automotive and construction that are grappling with environmental challenges. The innovative use of date and banana fibers to create natural fiber-reinforced composites showcases a promising path away from synthetic, non-biodegradable materials. Moreover, it enhances essential mechanical properties, including tensile strength and Young's modulus, demonstrating that eco-friendly materials can also be high-performing.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>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.</p>	<p>In addition, key results ha to be added.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The scientific content of the article does not sound good. More science has to be explained to improve the quality of the article.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>No, the references are not recent it has to be updated. https://doi.org/10.1002/pc.28073 https://doi.org/10.1007/s13399-022-02829-y https://doi.org/10.1007/s12649-024-02678-y https://doi.org/10.1002/pc.27449 https://doi.org/10.1002/pc.25621</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>English has to be improved.</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> 1. Intro section must be enhanced by referring recent published articles. 2. Remove fig 1, fig 2, fig 3. 3. How do you find the properties of epoxy and hardener. 4. What experiment has done to find the chemical composition of the fiber. The experimental data has to be added in the manuscript. 5. Why there is no experiment done on Epoxy with banana fiber alone. This data must be added in the manuscript. 6. Why is the fiber soaked in HCl solution.? Will HCL solution degrade the fiber surface? 7. I suspect the testing of the composite is work. Done bone shaped samples are used to test pure polymer. Why author used this shape to test the composite material? 8. Graphs 1 and 2 are giving confusion. The graph has to be plotted in the correct way. Stress vs strain for graph 1. 	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i></p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Vishal Kumar</p>
<p>Department, University & Country</p>	<p>United States</p>