

Review Form 1.7

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_116988
Title of the Manuscript:	Study on mechanical properties of polymer composites filled with nano egg-shell powder
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalacri.com/index.php/ACRI/editorial-policy>

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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, the effective utilization of nano egg shell powder for load bearing applications</p> <p>Title is good</p> <p>Need some numerical results</p> <p>Yes</p> <p>Need another 10 to 15 references related to the topic</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes (required language correction)</p>	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> 1. Introduction section required some latest literature with numerical discussion of properties 2. In the materials and methods section the particle size of the egg shell powder is missing 3. Table 1. Designation of Composites not clear (what is the need for adding hardener in the composite composition) explain or rewrite the designation with matrix and reinforcement. 4. Thermogravimetric Analysis Test and Dynamic Mechanical Analysis specimen preparation is missing 5. All the mechanical properties tested machine information is missing. 6. Table 2 Mechanical properties of nano-egg shell/glass-epoxy composites, clarify the x:y:z (this percentage is not required here in this table) 7. 3.2 tensile strength technical discussion is very less add more with relevant information and citation 8. 16707.986 use round off value for the discussion 9. Impact strength of composites, TGA, and DMA add more scientific discussion, the given information is not suitable. 10. Conclusion is rewritten based on the above updation. 11. References are with old papers add some new which are relevant to the research work 	

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PART 2:

	Reviewer's comment	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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	Agreed with the reviewer, every comment is addressed and some latest references are added.

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