

Review Form 3

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_123911
Title of the Manuscript:	Design and Production of Automotive Piston using Hybrid AA6061/SiC/Carbonized Coconut Shell Nanocomposite
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	This manuscript discusses the design and production of an automotive piston using hybrid AA6061/SiC/Carbonized Coconut Shell Nanocomposite. It provides valuable information on the considerations and calculations needed in designing a piston for an internal combustion engine.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes it good in the current form	
Are subsections and structure of the manuscript appropriate?	Appropriate, Casting pictures need to included and Pattern pictures	
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.	This manuscript appears to be scientifically robust and technically sound based on the presented data and analysis of the hybrid AA6061/SiC/Carbonized Coconut Shell Nanocomposite for piston application. The authors provided detailed information on the properties of the composite material and compared it with existing piston materials, as well as demonstrated the efficiency of the nanocomposite piston in terms of fuel consumption and density reduction. It also includes references to previous relevant studies, further strengthening the research's scientific basis.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References need to be recent one, add more references and cite them in the places in the manuscripts	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	NA	
Optional/General comments	Casting pictures need to included and Pattern pictures	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

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