



SDI Review Form 1.6

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_61389
Title of the Manuscript:	Rationally designed graphene oxide-PVA composite fillers for modern manufacturing applications
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:

(<http://www.sciencedomain.org/journal/10/editorial-policy>)

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)
Compulsory REVISION comments	<ul style="list-style-type: none"> The abstract needs to be modified to illustrate the significant results The authors should clearly show the novelty of the work and the motivation behind the work as I could not see. What is the point of using polymer? The author should elaborate about that. Can you please show any improved properties It would be better if there is some mechanical testing for the nanocomposite The introduction is not comprehensive, many literatures are missing, so I believe it should be updated and expanded with mentioning the graphene applications I like to see some Raman characterization for graphite, GO and composite I don't see some real significant findings or results. FTIR figures are not clear at all please change and make clear Conclusion is not well supporting the findings 	
Minor REVISION comments	<ul style="list-style-type: none"> The authors should mention some significant applications for GO, as I didn't see that such as the following https://doi.org/10.1016/j.electacta.2019.03.097 https://doi.org/10.1039/C9EW01033E https://doi.org/10.1088/2053-1583/ab2927 https://doi.org/10.1007/s11356-018-2248-z 	
Optional/General comments		



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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>	

Reviewer Details:

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