



SDI Review Form 1.6

PART 1:

Journal Name:	Physical Review & Research International
Manuscript Number:	2013_PRRI_3663
Title of the Manuscript:	Characterization of Nanoinclusion in Nanocomposite

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	<p>Abstract: English level especially towards the end needs to be improved. Eg. "taken as" not "takes as"</p> <p>In figure 4, Stress along x is shown to be negative or is this meant to be stress along y i.e. figure 3 should be 4 and vice versa.</p>	<p>Done as recommended.</p> <p>Abstract is reconstructed again to emphasis on the objective of the study and the results.</p> <p>Figures are re-organized in details to elucidate the impact of the corner, horizontal and the vertical nanoinclusion separately and discussed briefly.</p>
<u>Minor</u> REVISION comments	<p>Line 22: language check</p> <p>Line 25: stiffness repeated twice</p> <p>Line 26: language check</p> <p>Line 35: language check</p> <p>Line 52: language check</p> <p>Line 54: which were caused not which were the caused</p> <p>Line 62: known not know, and language check</p> <p>Line 92: language check</p> <p>Line 97: known not know, and language check</p> <p>Line 120: mechanical properties of the a!!!</p> <p>Line 172: language check</p> <p>Line 174: language check</p> <p>Line 228: many times not many time</p> <p>Line 230: cause not causes, shear not shears, and language check</p> <p>Link in ref 14 not working</p>	<ol style="list-style-type: none"> 1- Done. 2- Repeated word is deleted. 3- Done. 4- Done. 5- Done. 6- Done, "which were caused" is used. 7- Done, "known" is used. 8- Done. 9- Done, "known" is used. 10- Done. 11- Done. 12- Done. 13- Done, the conclusion has changed. 14- Done, the conclusion has changed. 15- The link was changed, so it is updated. <p>Note: Most of the references are cited with their corresponding doi.</p>



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<u>Optional/General</u> comments	This paper addresses the nanofiber/matrix interface longitudinal, transverse and shear stresses which are shown using FEA to increase compared to the applied stress. Consequently, this work is considered to be a good contribution to understand the source of failure initiation in nanocomposite materials and should be accepted for this journal.	Thank you professor for the invaluable feedback.
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