

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_69449
Title of the Manuscript:	Shielding Effectiveness, Mechanical and Dielectric Properties of NiO/PCL Nano Composites at Microwave Frequency for Electronic Devices
Type of the Article	Original Research Article

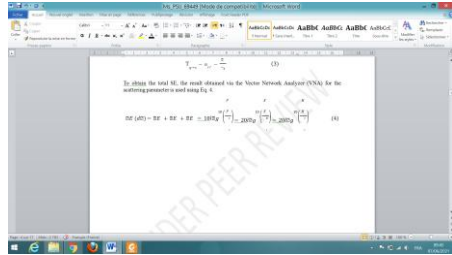
General guideline for Peer Review process:

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://peerreviewcentral.com/page/manuscript-withdrawal-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)
Compulsory REVISION comments	<ul style="list-style-type: none"> - All formulas are not clear.  <ul style="list-style-type: none"> - Figure 1 inset not clear. - Replace % on the X axis by filler percentage (%). - Table 2 all equations not clear. 	
Minor REVISION comments	<ul style="list-style-type: none"> - Polymer are packed with advantages that run from simplicity of fabrication, light weigh - in the fabrication of good novel materials good in the areas of electrical engineering, high frequency, shielding applications, microwave absorption, and electromagnetic interference (EMI) and sensors (Yakubu <i>et al.</i>, 2019). In the production systems, polymer reinforcement using different types of organic or inorganic fillers is practiced se as to improve its dielectric, mechanical, and tensile strength properties (Mittal, <i>et al.</i>, 2018). Researches have been reported - In this work, NiO-PCL composite structures were synthesized, and investigated investigation on dielectric property - The parameters S₁₁ and S₂₂ are called the reflection coefficients, whereas S₁₂ and S₂₁ are called the transmission coefficients. These are the parameters directly measured measurable at microwave frequencies - surface morphology shows that the PCL was indeed melted to required morphology at the melting temperature. 	
Optional/General comments	Could you insert the transmission electron diffraction (TED) and EDS results ?	

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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