



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_25796
Title of the Manuscript:	Composition dependent structural and optical properties of nanocrystallites $Zn_xCd_{1-x}S$
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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	<p>The optical band gaps in figure 4 , is too high , the tangent lines may be redrawn to determine the accurate band gaps.</p> <p>The Y - Axes units in Figure 4 are not clear.</p> <p>This work is of average interest , while it add less to the knowledge, It is suitable for publication in this journal, because of it policy .</p>	<p>The tangent line is redrawn for CdS sample and the band gap is determined accurately and is found to be 2.54 eV.</p> <p>The unit in Y-axis for $(\alpha h\nu)^2$ is $[\text{eV/m}]^2$ where α is optical absorption coefficient and $[\alpha \sim 1/\text{meter}, h\nu \sim \text{eV}]$.</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		