

## Review Form 1.7

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_96234
Title of the Manuscript:	Structural and Electronic Properties of Hexagonal Y <sub>1-x</sub> EuxMnO <sub>3</sub>
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:

(<https://www.journalpsij.com/index.php/PSIJ/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)
<b>Compulsory REVISION</b> comments 1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) 2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title) 3. <b>Is the abstract of the article comprehensive?</b> 4. <b>Are subsections and structure of the manuscript appropriate?</b> 5. <b>Do you think the manuscript is scientifically correct?</b> 6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	Yes, The obtained theoretical results and experimental structural parameters will be useful for scientific community.  Yes  Yes  Yes  Yes	
<b>Minor REVISION</b> comments 1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	There are some grammatical and spelling errors specially in abstract. Correct them	
<b>Optional/General</b> comments	In Introduction part, It is written that YMnO <sub>3</sub> is unrelated to the perovskites. Correct it. YMnO <sub>3</sub> is a perovskite type oxide. Fig-2 should be plotted proper way with indexing, and providing the units on axis. The discussion part of Fig-2 and Table-1 is missing. Authors should write about change in the lattice paramters with Eu doping and how experimental results related to theoretical outcomes.	

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

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