



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	2014_PSIJ_10723
Title of the Manuscript:	Structural , Dielectric and Electrical Properties of Lead Zirconium Titanate (PZT) Ceramics
Type of the 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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. Title of the manuscript needs revision. Include numerical simulation in the title. 2. The English language needs through revision. 3. Page2, para 2, line2, what are the conventional methods, briefly discuss in the text or provide reference from the literature. 4. Mention references for the equations used in the manuscript 5. In page 4 under experimental approach spelling of pointing should be corrected as poynting 6. Rewrite the entire sentence: ".....such resonator also zeroes i.e. there is no electromagnetic radiation is produced by this piezoceramic resonator, only mechanical radiation.....". 7. Rewrite the sentence in page5, para 1....It can be found that the PZT crystal phase was grown from amorphous to perovskite phase was observed... 8. The manuscript presented only the results. No discussion is included on the results. 9. Appropriate reasons for increase in dielectric constant with frequency and temperature must be given. 10. Only a limited discussion was presented on numerical simulation. Elaborate discussion is needed. 11. Conclusions need revision. 	<p>[1] The title of manuscript has been changed to reflect the aim of paper.</p> <p>[2] References have been added for the equations.</p> <p>[3] The sentences have been changed.</p> <p>[4] PZT has been changed to PZT-5A</p>
Minor REVISION comments	<ol style="list-style-type: none"> 1. Use throughout the next same notation for PZT-5A. This appeared in the text as PZT-5A or PZT5A or PZT-5a etc. 2. In page 5 and in the remain parts of the text include figure captions 50C0 etc should expressed as 50°C 	



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	3. Mention the type, make and accuracy of LCR meter used. 4. Check the numerical values presented in table 1	
<u>Optional/General</u> comments	The manuscripts needs through revision before accepting for the publication. It should include the discussion on the changes observed in the experimental and simulated results.	