



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Physical and Chemical Sciences</a>
Manuscript Number:	Ms_AJOPACS_36273
Title of the Manuscript:	Composition and Frequency dependent Dielectric properties of Cr-Co Nano ferrites
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		
<u>Minor</u> REVISION comments	<div>1- Why stop until the concentration <math>x = 0.5</math> ?</div> <div>2- The Co-ferrite nanoparticles contains three elements of magnetic nature Co, Fe and Cr. A study of magnetic properties is very neccesary</div> <div>3- I notice an anomaly for <math>x = 0.3</math>, and you do not give a physical explanation for this anomaly and how the removed</div>	<div>Why stop until the concentration <math>x = 0.5</math> ?</div> <div>Ans: Thanks for the comment. In order to maintain the optimum concentration of the dopant to form solid solution with single cubic phase and to avoid the other phases to form due to higher ionic radius of the dopant ion compared to host ion, we have stopped the concentration of Cr up to 0.5. In our future study we will continue upto the maximum solid solution formation without any structural changes in the matrix.</div> <div>The Co-ferrite nanoparticles contains three elements of magnetic nature Co, Fe and Cr. A study of magnetic properties is very necessary</div> <div>Ans: Since the magnetic properties of this material system is already published, we have not included here.</div> <div>I notice an anomaly for <math>x = 0.3</math>, and you do not give a physical explanation for this anomaly and how the removed</div> <div>Ans: as per the advice of the reviewer an explanation for the anomaly is presented in the manuscript.</div>
<u>Optional/General</u> comments		