



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_27742
Title of the Manuscript:	The Dielectric behavior of Acetone and Dimethylformamide in Electric Field
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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	<p>1. Authors should add in bracket the acronym for dimethylformamide at first appearance in the abstract.</p> <p>2. What result is author referring to (see highlighted part in abstract).</p> <p>3. Please clarify,</p> <ul style="list-style-type: none"> -Clausius and Mossotti (year) -Equation (7) was obtained by author or Mossotti? -Based on author answer, there is need to rephrase the sentence captured. <p>4. The discussion on types of polarization is not important in this work.</p> <ul style="list-style-type: none"> -This article is a research and not a review paper. Focus should be on method, result, discussion and conclusion. Please remove that part to make the paper simple and clearer for understanding. <p>5. Factors affecting dielectric constant is clear to any reader. Therefore the factors should not be repeated in the headings. Simply use</p> <ul style="list-style-type: none"> -Frequency -Temperature <p>As subheadings.</p> <p>6. The methodology is not clear.</p> <ul style="list-style-type: none"> -how did author obtain the values for static complex permittivity? -how did author obtain the value of angular frequency used in the calculations? -Was this work theoretical or experimental? - the diameter of the radius of molecule in this work, was it adapted or measured? 	



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	<p>7. Clarity needs to be established in the difference between complex permittivity, dielectric constant, loss factor, real and imaginary permittivity. -author tends to mix them up in discussion. Note: the real permittivity is dielectric constant, imaginary part is loss factor and complex permittivity is the combination of the two.</p> <p>8. Figures must be labeled below while tables are labeled at the top.</p> <p>9. Authors should check reference 12 and 13 for ref work.</p> <p>Finally, please find attached highlighted copy of manuscript to guide authors in their corrections.</p>	
<u>Minor</u> REVISION comments	Consider changing the title to “Frequency and Temperature Effect on Dielectric Properties of Acetone and Dimethylformamide”	
<u>Optional/General</u> comments	The discussion of the result in the paper is very good. However, the methodology is not clear. Authors need to clearly and distinctively state their method so that it can be repeated by researchers for validity.	

Reviewer Details:

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