

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Physical and Chemical Sciences</a>
Manuscript Number:	Ms_AJOPACS_127155
Title of the Manuscript:	Performance Analysis and Characterization of Natural Dye-Sensitized Solar Cells Fabricated by Dr. Blading Technique.
Type of the Article	Research Article

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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## Review Form 3

### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	DSSC is an emerging field and has lot of potential to give the community for a clean green energy at low cost.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	yes	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<ul style="list-style-type: none"> <li>In the materials and method section the author has described that they have grinded the homogenous suspension for 30mins. "g of TiO<sub>2</sub> powder (Degussa P25) in a plastic mortar and gradually adding 20 ml of methanol. This mixture was thoroughly stirred for 30 minutes with a pestle to form a homogeneous suspension. 1.0 ml of methanol was then added and the mixture was grinded before adding another 1.0 ml of the solution. This process was repeated until the entire 20 ml of methanol solution was used up taking 45 minutes in total." <b>This rose few points in the method</b></li> </ul> <p>1. If adding 1ml of methanol took 30mins of stirring. In that case how 20ml was added in 45mins only. ?</p> <p>2. A suspension is when a solid component isn't dissolved in the solution. A homogeneous suspension means that if you take the solution and splits it in to two, then you should have equal amount of solids and liquid in both. So the question is whether the solution was truly homogenous ?</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	yes	
Minor REVISION comments	Yes	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

### PART 2:

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

### Reviewer Details:

Name:	Kumar Avinash Chandra
Department, University & Country	Birla Institute of Technology, India