

## Review Form 1.6

Journal Name:	Journal of Energy Research and Reviews
Manuscript Number:	Ms_JENRR_92704
Title of the Manuscript:	Effects of mono-halogen-substitution on the Electronic and Non-Linear Optical Properties of Poly(3-hexylthiophene-2,5-diyl) for Solar Cells Applications: A DFT Approach
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.journaljenrr.com/index.php/JENRR/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</b> REVISION comments	<p>The abstract is more than 450 words which I believe is excessively long and needs revision. Also, it should be rewritten to reflect the following:            Introduction, methodology, results and conclusion. The introduction should include the knowledge gap been bridged. Undoubtedly, this is a good research work but the authors need to be concise especially in the abstract.            Remove this statement: " A band gap of 4.35eV was previously reported in literature". This is cross referencing and should appear in Discussion section and the appropriate reference sighted.            Page 4. Start the sentence this way: The effect of doping..... was investigated. Prepositions cannot start a sentence.            Likewise in the Result and Discussion section. Rewrite thus; Tables 1 and 2 shows some of the selected values..... Then the authors should give reasons why those ones were selectef.            Units are not included in for values in Tables 1 and 2. Why?            Conclusion section: start the statement by writing; The effects of doping on.....was reported (not investigated).            References section:            Use journal format to write the references. What authors have there are completely different format. For instance, compare Reference 1, 2 and 3. Journal name is written fully in some and abbreviated in others.</p>	
<b>Minor</b> REVISION comments	Authors should check typo errors. Then the theoretical background section, is it necessary in this research work?	
<b>Optional/General</b> comments		

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

### Reviewer Details:

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