

## Review Form 1.7

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_97609</b>
Title of the Manuscript:	<b>Optimization and modelling of cyanide removal from cassava waste water using calcined and activated adsorbent mixtures of oyster shell and periwinkle shell ash</b>
Type of the Article	<b>Original Research Article</b>

### **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.journaljerr.com/index.php/JERR/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 REVISION</b> comments 1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) 2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title) 3. <b>Is the abstract of the article comprehensive?</b> 4. <b>Are subsections and structure of the manuscript appropriate?</b> 5. <b>Do you think the manuscript is scientifically correct?</b> 6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	<p>Yes, the manuscript informs the model of adsorption data of cyanide removal from cassava wastewater using calcined and activated adsorbent mixtures of oyster shell and periwinkle shell ash.</p> <p>Yes, the title of the article is suitable.</p> <p>Yes, the abstract is comprehensive.</p> <p>Yes, the subsections and structure of the manuscript are appropriate.</p> <p>Yes, the manuscript is scientifically correct.            Yes, the references are sufficient and recent.            The isothermal adsorption models (Henry, Freundlich, Langmuir, BET) are usually used to model the adsorption phenomena. It is better that the author compares the proposed models with the existing isothermal adsorption models.</p>	
<b>Minor REVISION</b> comments 1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	Yes, the English quality of the article is suitable for scholarly communications.	
<b>Optional/General</b> comments	The writing format becomes the issue, like how to write numeric and units. A paragraph should contain two or more sentences with one topic of discussion. Some paragraphs with only one sentence of each are found in the article. I highlighted these things in the article with yellow blocks.	

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

### **Reviewer Details:**

Name:	<b>Muhammad Mujiburohman</b>
Department, University & Country	<b>Universitas Muhammadiyah Surakarta, Indonesia</b>