

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_123987
Title of the Manuscript:	Development of Composite Adsorptive Biosorbent from H3PO4-NaOH-BaCl2 Activated Almond Shell: Experimental and Statistical Approach
Type of the Article	Original Research Article

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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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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>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.</p>	<p>The manuscript is important as it unveils few solutions for sorption of toxic substances from wastewater discharges. Though experimental preparation of tricomposite and statistical tool verification is done, actual wet lab results of dye removal has not been reproduced. Hence, only theoretical predictions towards societal solutions is lacking clarity.</p> <p>SEE ATTACHMENT</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Title is suitable. But the subscripts and superscripts are to be placed properly for chemical formulae</p>	
<p>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.</p>	<p>OK</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Introduction sounds mostly irrelevant to the remaining subsections of the manuscript.</p>	
<p>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.</p>	<p>The author has detailed about the methylene blue number test and its applicability to study the adsorptive nature of the synthesized tricomposite. However, other tests have not been either compared or reported. Individual, specific comments are given in the manuscript.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>5 – 6 references are 15 years old, could be replaced by recent references.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>OK</p>	
<p>Optional/General comments</p>	<p>Along with theoretical simulations, practical applicability of the recomposites as effective adsorbent could have been dwelled upon. Several works have been reported by authors using Almond shell. Why any unreported bio material has been tried? Why the authors have restricted the adsorptive efficiency of tricomposite to dye removal alone, but not extended to other toxicants such as pesticides, heavy metal cations and certain anions.</p>	

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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>	

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