



**SDI Review Form 1.6**

Journal Name:	<a href="#">Chemical Science International Journal</a>
Manuscript Number:	Ms_CSIJ_52104
Title of the Manuscript:	COMPARATIVE STUDY OF THE ADSORPTION OF LEAD, Pb AND CADMIUM, Cd BY ACTIVATED CARBON FROM JATROPHA CACUS AND MORINGA HUSK
Type of the Article	Original 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 (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	<ol style="list-style-type: none"> <li>1. Please recast the title using the correction I provided in the manuscript.</li> <li>2. The abstract is not properly written which should be recast.</li> <li>3. The literature review in the introduction should be updated and improved with at least ten references.</li> <li>4. The problem statement in the introduction is not well indicated and should be worked on..</li> <li>5. On what basis the author(s) selected Cd and Pb metal ions for the adsorption.</li> <li>6. The aim of the work is not clearly explained.</li> <li>7. Analysis of wastewater from dam should be made.</li> <li>8. Show composition of wastewater before and after treatment.</li> <li>9. How are you sure that adsorption has taken place.</li> <li>10. Please describe the experimental procedure for the removal of methylene blue.</li> <li>11. Include equation for efficiency of adsorption.</li> <li>12. Provide the equations for Langmuir and Freundlich isotherms.</li> <li>13. There are numerous typographical and grammatical mistakes which should be corrected.</li> <li>14. The mechanism of adsorption should be included as a sub-section.</li> <li>15. The adsorption-desorption and regeneration studies should be tried using different solvents.</li> <li>16. A table for the comparison of monolayer adsorption capacity for Cd and Pb using different adsorbents should be provided.</li> <li>17. Please see manuscript for more comments on corrections to be made.</li> <li>18. The results and the discussion part should also be improved.</li> </ol>	The manuscript has been thoroughly modified
<b>Minor</b> REVISION comments		
<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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	