

**Review Form 1.7**

Journal Name:	<b>Journal of Materials Science Research and Reviews</b>
Manuscript Number:	<b>Ms_JMSRR_115576</b>
Title of the Manuscript:	<b>PREPARATION AND APPLICATION OF ACTIVATED CARBON FROM NYPA PALM SEED HUSK IN THE ADSORPTION OF AZO DYES FROM WASTE WATER</b>
Type of the Article	<b>Original article</b>

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**PART 1: Review Comments**

	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>
<p><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Yes</p> <p>Title can be rechanged</p> <p>No</p> <p>Needs to be changed</p> <p>Ok</p> <p>Yes</p> <p>Abstract should include the results and its justification, how author says or justify it's a good adsorbent, the efficiency of the removal and all.</p> <p>Keywords can be appropriate ones</p> <p>Introduction needs still better justification of the topic or the scope of the study.</p> <p>Author has not clearly discussed the results and results are not reflected properly.</p> <p>How the author has assessed the dye concentration by using what instrument</p> <p>The author has not mentioned any other studies done as such and directly given with the isotherm studies.</p> <p>What are the isotherm parameters and its values are not mentioned, and by what value the adsorbent is proved</p> <p>What are the characteristics of the adsorbent, no were it has been studied. Its structure, porosity etc.</p> <p>Has the author studied the temperature studies and its effect, then can give the thermodynamic studies.</p> <p>The equilibrium studies are not indicated and how author has calculated the isotherms or plotted the isotherms. How <math>C_e</math> and <math>Q_e</math> are found</p> <p>Author can plot the both dye isotherm in the same plot and compare</p> <p>On what basis author has commented that congo dye follows the Langmuir isotherm and other dye as Freundlich isotherm.</p> <p>Is pH not effecting the adsorption parameter anywhere author has not mentioned it.</p>	

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<b>Minor</b> REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Needs English revision	
<b>Optional/General</b> comments		

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>	

**Reviewer Details:**

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