

Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_91615
Title of the Manuscript:	REMOVAL OF METHYLENE BLUE FROM INDUSTRIAL EFFLUENTS USING CORNCOB ACTIVATED CARBON
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:

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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)
Compulsory REVISION comments		
Minor REVISION comments	<p>The paper titled "REMOVAL OF METHYLENE BLUE FROM INDUSTRIAL EFFLUENTS USING CORNCOB ACTIVATED CARBON"</p> <p><u>Comments</u></p> <p>There are some typing errors</p> <p>ABSTRACT</p> <p>e.g. line 6, (found. to be) remove the phrase</p> <p>INTRODUCTION</p> <p>line 9 (chemicals. to be chemical)</p> <p>line 18 (feasibility for. to be, feasibility of)</p> <p>2.3.1. Batch adsorption aqueous solution</p> <p>Line 19 (respectively ;. Remove a space)</p> <p>2.4.2. Adsorption isotherm models</p> <p>Line 3 (The equations. to be, Equations)</p> <p>Line 4 (concentration ;, Remove a space)</p> <p>2.4.3. Error analysis</p> <p>Line 2 (were to be, was)</p> <p>3.1. Properties of Activated Carbon</p> <p>Line 2 (charge to be, charges)</p> <p>3.2. Effect of contact time on adsorption efficiency and kinetic study in aqueous solution</p> <p>Line 16 (analogues to be, analogs)</p> <p>Line 3 (That can be explained by the fact that in the initial adsorption stages several sites are available., to be, That can be explained by the fact that several sites are available in the initial adsorption stages.)</p> <p>3.4. Adsorption capacities of methylene blue in aqueous solution</p> <p>Line 5 (showing, to be, indicating)</p> <p>Line 11 (favorable to be, a good)</p> <p>CONCLUSION</p> <p>"found to be" should be remove the phrase OK</p> <p>"The kinetic study showed that the methylene blue adsorption process was better described by the pseudo-second-order model, indicating that the adsorption process is</p>	<p>Abstract</p> <p>Corrections have been done. Thank you</p> <p>INTRODUCTION</p> <p>Done. Thank you</p> <p>2.3.1. Batch adsorption aqueous solution</p> <p>Corrections have been done. Thank you.</p> <p>2.4.2. Adsorption isotherm models</p> <p>Corrections have been done. Thank you</p> <p>2.4.3. Error analysis</p> <p>Corrections have been done. Thank you</p> <p>3.1. Properties of Activated Carbon</p> <p>Corrections have been done. Thank you</p> <p>3.2. Effect of contact time on adsorption efficiency and kinetic study in aqueous solution</p> <p>Corrections have been done. Thank you</p> <p>3.4. Adsorption capacities of methylene blue in aqueous solution</p> <p>Corrections have been done. Thank you</p> <p>CONCLUSION</p> <p>Corrections have been done. Thank you</p>

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	<p>limited by the chemisorption.”</p> <p>Should written as “The kinetic study showed that the methylene blue adsorption process was better described by the pseudo-second-order model, indicating that the chemisorption limits the adsorption process.” OK</p> <p>Some references missing DIO and some of them needs to review to be according to journal submission rule.</p> <p><u>Some other comments</u></p> <p>Does this method will give benefit result with the wide range (water coming to houses from the main sources)?</p> <p>Is it possible to do this heating and continuously stirred on the wide range?</p> <p>To apply this research on the wide range how many activated carbons mass will be need?</p> <p>Is it possible to do this on wide range?</p>	<p>The corncob-activated carbon is a porous material. The presence of pores improves the adsorption capacity of the activated carbon. Therefore, using corncob-activated carbon to treat water coming to houses will give satisfactory results.</p> <p>It is possible to do this heating and continuously stirred on the wide range.</p>
<u>Optional/General</u> comments		

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>	