

Review Form 1.7

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_117000
Title of the Manuscript:	Efficient and inexpensive bio adsorbent for the removal of Safranine: Kinetic and Isotherm study
Type of the Article	Original Research Article

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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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>The Manuscript was written in school and the beginning of the work was well done. The manuscript discussed efficient and inexpensive bio adsorbent for the removal of Safranin by adsorption process due its cost effective and simplicity. In the main part of the paper, the influences of pH, temperature, initial concentration and amount of bio adsorbent on the removal of dye were discussed. these factors are important in the adsorption process.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes, but the number of references of the last three years is relatively small, It is necessary to provide the latest research progress to improve its scientific value.</p>	Noted
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none">- The authors should provide more literature to support the content of this manuscript.- Manuscript contain some new and significant information but more are required.- Much more explanations and interpretations must be added for the Results.- Revise conclusion and state the future scope of dealing with the Safranin in wastewater.- Some of the health effects of dyes in the living organisms can be discussed in the introduction part.- Several words in this manuscript may be not accurate. For example, Elovic model, the R2 values, viz, etc.- Discussion can be improved by referring some adsorption study related publications.-There are unprofessional expression and grammatical errors all over the manuscript, so because of this and above-mentioned spelling errors a deep English edition of the manuscript is required before acceptance.- The conclusion should include a little more criticism and a proposal for the future direction of work.- The obtained results revealed that the process obey the Freundlich isotherm model. The Freundlich model assumes that the number of positions in the adsorption action with free energy can be potentially reduced by increasing free energy. Please describe the value of n that show the type of the Freundlich isotherm.-The number of references of the last two years is relatively small, It is necessary to provide the latest research progress to improve its scientific value.- It is highly recommended this article for better readability. https://doi.org/10.2166/wqrj.2021.023	Corrected all
Optional/General comments		

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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>	