

Review Form 3

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_129344
Title of the Manuscript:	Artificial Intelligence and Machine Learning models in adsorptive removal of toxic heavy metals and textile dyes from wastewater
Type of the Article	Review Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Water pollution is a global problem. This review gives the reader some of the modern approaches in tackling heavy metal and dye pollution. It is relevant to the scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	-The first sentence can be rewritten. Looks like they were two sentences during editing some words were left out.	
Is the manuscript scientifically, correct? Please write here.	Yes the manuscript is scientifically correct. Few batch experiments are used then AI models used to complement results from batch experiments. The author(s) should mention how many experiment are enough for the software to get enough data to predict correct results.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes the references are sufficient. I have seen a reference of 2001. If possible replace with a more recent article	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Nice Review. But it can be improved. One thing I noted is that there is; i) No mention of drawbacks / disadvantage in any of the AI and machine learning models. ii) No mention how many experiments are insufficient or enough to predict correct results.	

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

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