

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Applied Chemistry Research</a>
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>
<b>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.</b>	Artificial intelligence has become increasingly prevalent in various aspects of life, particularly in the field of science. When used effectively, it can accelerate research processes and enhance the quality of scientific work. Therefore, this manuscript has entered an interesting area and, with some revision and modifications, could be useful for other researchers working in this field.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Despite the title of this manuscript, no attention to using the "Artificial Intelligence and Machine Learning models" in "adsorptive removal of toxic heavy metals and textile dyes from wastewater". They just briefly mentioned some studies of other researchers who have used this technique (section 3), while there was a need to analyse the findings of these researchers. Therefore, either the title of the manuscript should be changed with less mention of pollutant removal, or the content of the manuscript should be revised to approach wastewater treatment.	
<b>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.</b>	Yes, in the abstract details of the manuscript content are clearly mentioned.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes, this manuscript scientifically is correct, but I think section 2 contains some unnecessary and superficial content and definitions.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Yes, most of the references are from recent years.	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language/English in this manuscript is generally good, but there are several typographical errors that require minor revisions.	
<b>Optional/General</b> comments	General definitions (2. AN OVERVIEW OF ARTIFICIAL INTELLIGENCE MODELS) make up the majority of this manuscript, while, this section could have been made more useful by introducing most of these models in a table and eliminating a series of general definitions.	

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**PART 2:**

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

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