Review Form 1.6

Journal Name:	**Journal of Engineering Research and Reports**
Manuscript Number:	**Ms_JERR_87275**
Title of the Manuscript:	**MODELLING THE ADSORPTION OF LEAD (II) ION FROM AQUEOUS PHASE WITH CARICA PAPAYA TRUNK 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:

(https://www.journaljerr.com/index.php/JERR/editorial-policy)

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)*

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Compulsory REVISION comments	**Since there is a need for a low cost adsorbent ,this study is an addition to the ongoing studies to find a low cost ,efficient adsorbent. The work has been well planned and carried out with precision as well as well presented. However,there is a little reservation related To the pH of adsorption.....This should be explained thoroughly. All the previous literature on lead adsorption reports max Adsorption at slightly acidic pH I.e.pH 5 to 6 ,a recent report is Given below as an example .** **Experimental and Modeling Process Optimization of Lead Adsorption on Magnetite Nanoparticles via Isothermal, Kinetics, and Thermodynamic Studies** • **Rimmy Singh and Rachna Bhateria*** • **ACS Omega 2020, 5, 19, 10826–10837** **Publication Date:May 7, 2020** **https://doi.org/10.1021/acsomega.0c00450.** **BESIDES THIS..There is a vast amount of literature available in this field but the author has given the latest reference dating to as early as 2016.It is therefore recommended that the REFERENCES BE UPDATED AND RECENT REFERENCES BE ADDED.** 1.Detailed Explanation for thr pH of max Adsorption Which in earlier texts is between 5 to 6 2.REFERENCES BE UPDATED AND RECENT REFERENCES BE ADDED.The latest reference Cited is 2016 but a lot of recent literature is Available.	
Minor REVISION comments		
Optional/General comments	The paper is fit for publication after the changes are made	

PART 2:

	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)***
Are there ethical issues in this manuscript?	***(If yes, Kindly please write down the ethical issues here in details)***	

Reviewer Details:

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