

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_120764
Title of the Manuscript:	Advanced Battery Management: Forecasting Health, State of Charge & Maintenance Needs Using AI & ML Models (LSTM, Gradient Boosting, SVR, Random Forest)
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	electric vehicle (EV) adoption worldwide, emphasizing the critical role of effective battery management systems is essential to optimize performance, ensure longevity, and minimize disruptions, providing insights into battery behaviour dynamics.	
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 addition (or deletion) of some points in this section? Please write your suggestions here.	No, needing revise	
Are subsections and structure of the manuscript appropriate?	yes	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	This manuscript robust the electric vehicle (EV) adoption worldwide, emphasizing the critical role of effective battery management systems is essential to optimize performance, ensure longevity, and minimize disruptions.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. =	The manuscript needing another new references to robust the newly of the manuscript.	

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<p>Minor REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>No, needs to revise</p>	
<p>Optional/General comments</p>	<p>The author should complete the reviewer comments</p> <ul style="list-style-type: none"> - The abstract should contain the results of the manuscript and needs some review English language. - At the end of the introduction, the author must describe the work of the manuscript and the method of the work. - Fig. 4 needs to be beggar and clearer. - The results and discussion need Figs. to give further clarity to the results. - Conclusion needs some results from the manuscript - The manuscript needs to review the language of it one time again - The references of the manuscript need new references and they are amended to the style of the journal. - The author can benefit from the references below to arrange the present manuscript, then add them to the references related to the manuscript: - https://doi.org/10.1007/s12633-022-01893-3 - Dio:10.30509/PCCC.2021.166749.1098 - https://doi.org/10.1016/j.jnoncrysol.2021.120946 - 	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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