

Review Form 3

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_121205
Title of the Manuscript:	Optimizing Formation Processes in Lithium-Ion Battery Manufacturing: Enhancing Efficiency and Quality for Electric Vehicle Applications
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>Review work: Ms_CJAST_121205</p> <p>Problem Statement is not able to clearly state the reason of considering this work. It should consist of the research gap observed after literature review and solution should be provided accordingly. Discussion is stating that it is a review work which is mismatching in accordance with the name of the research paper mentioned. It is consisting of past tense in many sentences which should be reviewed and corrected. Introduction: 1. Please mention the favourable policies you want to refer or share the reference from where you are quoting this. 2. Many abbreviations are repetitive 3. The introduction needs more literature review and it should be mentioned sequency where ever it is needed. In this work, statements given in introduction need to be supported through appropriate reference. Lithium-ion battery management systems for effective optimization of electric vehicles usage: This section somewhat stating the reasons of using Lithium-ion battery in EV but fails to elaborate clearly the optimization and Battery management system. Formation within the lib production: This section explaining in effective way the formation process of Li-ion battery. Other sections are in accordance with the requirement of the paper. Conclusion is not in accordance with the research outcomes.</p> <p>Overall review: The author should go through the more literature review and also focus on optimization and efficiency enhancement. He/she may provide supporting mathematical equations in support to the outcome analysed.</p>	

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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