

Review Form 3

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_130061
Title of the Manuscript:	Integrating Deep Learning and Ensemble Techniques for Improved Epileptic Seizure Detection
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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.	Integrating deep learning and ensemble techniques for epileptic seizure detection combines the strengths of both approaches to enhance detection accuracy. Deep learning models, such as convolutional neural networks (CNNs), excel at automatically extracting complex features from EEG signals. Ensemble techniques, which combine multiple models to improve prediction performance, help reduce overfitting and increase robustness. By leveraging both methods, the system can better differentiate between seizure and non-seizure events, offering more reliable, real-time monitoring. This integrated approach has the potential to improve early seizure detection, aiding in timely intervention and better management of epilepsy.	Thank you for your helpful comment. The importance of this manuscript has been highlighted in the abstract and conclusion, emphasizing how the integration of deep learning and ensemble techniques enhances the accuracy and efficiency of seizure detection. I have revised the manuscript to include these key points regarding the impact of the research on early detection and real-time monitoring in epilepsy management. The updated manuscript reflects the scientific and practical value of the work
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	Thank you for confirming that the title of the article is suitable.
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.	Yes	Thank you for confirming that the abstract is comprehensive.
Is the manuscript scientifically, correct? Please write here.	Yes	Thank you for confirming that the manuscript is scientifically correct.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	Thank you for confirming that the references are sufficient and recent.

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Is the language/English quality of the article suitable for scholarly communications?	Yes	Thank you for confirming that the language and English quality are suitable for scholarly communication.
Optional/General comments	<p>In manuscript lot of formatting error, kindly check carefully.</p> <p>Some grammatical error should be removed in revise paper.</p> <p>All figures and Tables should be cite in the manuscript, check carefully.</p> <p>Add application of the propose technique.</p> <p>Paper should be read thoroughly and should be corrected all grammatical and punctuation errors.</p>	<p>Thank you for your valuable feedback and constructive comments.</p> <p>I would like to inform you that I have already uploaded the manuscript to Grammarly, a language-checking application, to address any grammatical and language-related errors. The suggested corrections have been applied to ensure the manuscript meets the required standards of scholarly communication.</p> <p>Additionally, I have made the following revisions to the manuscript:</p> <ol style="list-style-type: none">Formatting Errors: The formatting issues have been carefully corrected for consistency throughout the document.Figures and Tables Citations: All figures and tables are now properly cited in the manuscript.Application of the Proposed Technique: I have added a section discussing the potential applications of the proposed technique for seizure detection and real-time monitoring.General Review: The manuscript has been thoroughly reviewed, and all grammatical and punctuation errors have been corrected.

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)	No, there are no ethical issues in this manuscript. The study was conducted following ethical guidelines, and the data used for the research were either publicly available or appropriately obtained from recognized sources. If required