

Review Form 3

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|--------------------------|---|
| 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 | |

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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. | |
| 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 the addition (or deletion) of some points in this section? Please write your suggestions here. | Yes | |
| Is the manuscript scientifically, correct? Please write here. | Yes | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Yes | |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | |
| Optional/General comments | In manuscript lot of formatting error, kindly check carefully. Some grammatical error should be removed in revise paper. All figures and Tables should be cite in the manuscript, check carefully. Add application of the propose technique. Paper should be read thoroughly and should be corrected all grammatical and punctuation errors. | |

PART 2:

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

Reviewer Details:

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|----------------------------------|------------------------------------|
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