

Review Form 3

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_128094
Title of the Manuscript:	Banana Disease Diagnosis Using Hybrid Machine Learning Models
Type of the Article	Original Research 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.	This manuscript is crucial for the scientific community as it addresses the pressing issue of disease and pest management in agriculture, with a focus on banana plants. By integrating machine learning techniques, such as region-based active contours and K-Nearest Neighbors classification, it offers a novel and effective solution for early disease detection. The proposed method has the potential to significantly enhance agricultural productivity and economic sustainability, making it a valuable contribution to the field.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title "Banana Disease Diagnosis Using Hybrid Machine Learning" is concise and descriptive, but it could be improved to better reflect the specific techniques or innovations presented in the manuscript.	
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.	I recommend that the authors include a summary of the performance metrics of their proposed method in the abstract. This addition would provide readers with a clearer understanding of the method's effectiveness and its comparative advantage over existing techniques	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct as it addresses a well-defined problem disease diagnosis in banana plants. The integration of region-based active contours for segmentation and K-Nearest Neighbors for classification a hybrid machine learning technique that aligns with current practices in image-based disease detection.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Incorporating additional and recent references to provide a comprehensive overview of existing plant disease classification methods. This enhancement would contextualize the proposed approach within the current body of research.	
Is the language/English quality of the article suitable for scholarly communications?	The English used is generally clear and suitable for a scholarly article.	
Optional/General comments		

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>
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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