

Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_79078
Title of the Manuscript:	Classification of Cotton Leaf Diseases Using Alex Net and Machine Learning Models
Type of the Article	Original Research Article

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

(<https://www.journalcjast.com/index.php/CJAST/editorial-policy>)

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PART 1: Review Comments

	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)
Compulsory REVISION comments	<ol style="list-style-type: none">1. The statistical analysis F1_score applied in this paper should be clearly explained.2. In terms of experimental technique, this paper is conventional. The novel, and innovation should be clearly mentioned.3. The Methods section should be clearly explained. In particular the data preprocessing (Label Encoding ...)4. Fig 3 and 4 is not clearly visible.5. The results obtained should be explained in terms of no of Input, Hidden and Output Layers.6. Some of the fundamental/recent papers in the field are not cited, those papers can be included.7. I would like to see some discussion of the findings of the papers in relation to recent findings and developments in Principal Component Analysis. .	
Minor REVISION comments	<ol style="list-style-type: none">1. In several places, you've used the term AlexNet, but some places it is specified as alexnet, Alex NET and Alex Net. It should be mentioned as single version.2. In some of the figures, the legends are too small to be legible.3. On page 6 it is stated that the best results are 94.72%, Can you comment on this, how do arrived it.4. Have you thought about testing this with another model?	
Optional/General comments	This is a prospective study that analyzed the factors associated with to identify and classify cotton leaf diseases.	

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

Reviewer Details:

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