Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	**Ms_CJAST_46188**
Title of the Manuscript:	**Modelling the Condensed Water Discharge Rate in an Air Conditional System in South West, Nigeria**
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.
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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	**1 - The experiment should have lasted a whole year. There are another six months with high temperatures and high relative humidity. This explains the importance of research in applied utilization. The researcher should recommend in the recommendations to study the subject for two consecutive years.** **2 - The external air temperature curve and relative humidity curve should be added during the experimental period to the figures (3a, 3b, 3c).** **3- It is clear that the first model and the second model are not suitable to evaluate the intensification of water, where there are negative values and clear in figures (3a, 3b) , this is illogical, so the researcher should recommend using the third model. The researcher also recommends the development of this model.**	The observation raised have been added in the recommendation of the manuscript and highlighted yellow The plot of relative humidity and outside dry bulb temperature against the experimental period have been in the manuscript. The observation raised by the reviewer concerning the third model in (figure 3c) is logical. The third order model recommendation have been added in the manuscript and it has been highlighted yellow.
Minor REVISION comments	1 - In the introduction, the researcher must write the units of measurement using international units, (the sentence was specified red). 2- Some numbers should be checked in material and methods, (the sentence was specified red). 3 - The researcher must unify a word Fig. Or Figure, and 3a Or 4(a). According to the system followed by the journal, (the sentence was specified red).	The corrections in this minor revision comments 1,2,3 have been made in the manuscript and highlighted yellow
Optional/General comments	Research is good in terms of importance of the subject, and should be recommended to study other factors.	

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)*	