



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_45591
Title of the Manuscript:	Influence of temperature on drying kinetics of Aloe vera and its mathematical modeling
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	line 16: concerning the table of nomenclature, the parameter R is not well define line 119: equation 4 is not correct line 127: equation 7 must be transformed to justify the curve 4	1. Changed as suggested and highlighted. 2. It is the reduced form of equation 3 after neglecting the higher order terms. 3. It is the original equation; however curve 4 depicts modified form of the equation.
Minor REVISION comments	Line 122: the link between equation 5 and the curve 3 is not really clear Line 123: The slope that should be used to determine the Deff cannot be actually find from the curve (ln MR versus t). I think they should fit that curve with a linear model They should add one curve showing the fitting of the experimental data with the Andeson-Pebis model	1. The equation 5 depicts the simplest representation for understanding of the complex equation of diffusivity which helps in determining the constant parameters. 2. Fitting of experimental data with the predicted one is shown in figure 5.
Optional/General comments	This paper is original and can improve the development of human been	

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)	