

Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_80976
Title of the Manuscript:	Mathematical analysis for an \SEIR" epidemic model
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.journalarjom.com/index.php/ARJOM/editorial-policy>)

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	The title does not reflect what the paper is doing, the SEIR model is a more basic model, the title should capture the nonlinear incidence rate.	1- The title was modified to " Mathematical analysis of a SEIR model with nonlinear incidence rate for COVID-19 dynamics "
Minor REVISION comments	Seven out of 14 references are not within ten years, the authors should include more recent references. The novelty is weak, the more generic model and conclusions have been presented. The conclusion does not make any meaningful contribution to decision makers regarding how to control a disease especially these challenging times of Covid19	The references were updated by including more recent references.
Optional/General comments	The paper is well written, I did not pick any language issues, however the paper is more generic and only include the nonlinear incidence rate. The analysis has also been well presented and making sense in terms of conclusions and interpretations.	Thank you for the opportunity to revise the manuscript. The careful review and constructive suggestions and comments were appreciated. The manuscript was revised accordingly.

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)	