



**SDI Review Form 1.6**

|                          |   |
|--------------------------|---|
| Journal Name:            | <a href="#">Asian Research Journal of Mathematics</a>   |
| Manuscript Number:       | Ms_ARJOM_47187  |
| Title of the Manuscript: | Mathematical analysis of a fractional-order "SIR" epidemic model with a general nonlinear saturated incidence rate in a chemostat |
| 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)               |
|-------------------------------------|---|---|
| <b>Compulsory</b> REVISION comments |   |   |
| <b>Minor</b> REVISION comments      | <ol style="list-style-type: none"> <li>1. In the Abstract section, the sentence <i>Finally, some numerical tests are done in order to <b>perform</b> the obtained results.</i> The word <b>perform</b> as used in the sentence is confusing. This same word is also found in the Conclusion.</li> <li>2. Fig. 2, should be designated with Fig. 2(a) and Fig. 2(b). Accompany discussion of your results with such designations. Do same with Fig 3.</li> </ol> | <ol style="list-style-type: none"> <li>1- The word <b>perform</b> is modified to <b>validate</b></li> <li>2- Fig. 2, is designated with Fig. 2(a) and Fig. 2(b). Same for Fig 3.</li> </ol> |
| <b>Optional/General</b> comments    |   |   |

**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) |   |