



SDI Review Form 1.6

Journal Name:	Asian Research Journal of Mathematics
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

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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:

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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		
Minor REVISION comments	<ol style="list-style-type: none"> 1. In the first page, keywords, "deterministic; equilibrium; local" should be "Deterministic; Equilibrium; Local". 2. In page 103, line 2, 'ODEs' is incorrect. 3. In page 103, the line above Eq.(2.8), 'system (2.10)' should be 'system (2.6)' 4. In page 103, the line below Eq.(2.8), 'by the...' should be 'for the ...' 5. In page 104, the first line, 'solve Eq (2.9)...' should be 'solve the above equation' 6. In page 104, the first line in (2.11), 's_in **' should be 's_in' 7. In page 105, line 10 from below, 'The if ...' should be 'Thus, if ...' 8. In page 105, Theorem2, 'R_d' should be 'R', several errors of this kind should be revised. 9. In page 107, line 4, number '1' should be added in the second term of the right equation 10. In page 107, in (3.5), a left (is missing. 11. In page 108, 'alpha =0.8' should be added in the caption of Figure 3 12. Some of the references are not proper, such as [16,38]. 	<ol style="list-style-type: none"> 1. In the first page, keywords, "deterministic; equilibrium; local" modified to "Deterministic; Equilibrium; Local". 2. In page 103, line 2, 'ODEs' modified to Fractional Differential Equations (FDEs). 3. In page 103, the line above Eq.(2.8), 'system (2.10)' modified to 'system (2.6)' 4. In page 103, the line below Eq.(2.8), 'by the...' modified to 'for the ...' 5. In page 104, the first line, 'solve Eq (2.9)...' modified to 'solve the above equation' 6. In page 104, the first line in (2.11), 's_in **' modified to 's_in' 7. In page 105, line 10 from below, 'The if ...' modified to 'Thus, if ...' 8. In page 105, Theorem2, 'R_d' modified to 'R', same for other use. 9. In page 107, line 4, number '1' is added in the second term of the right equation 10. In page 107, in (3.5), a left (is added. 11. In page 108, 'alpha =0.8' is added in the caption of Figure 3 12. References are revised.
Optional/General comments		



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

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

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