| Journal Name: | **Journal of Advances in Mathematics and Computer Science** |
|---|---|
| Manuscript Number: | **Ms_JAMCS_88388** |
| Title of the Manuscript: | **SIR Model for COVID-19 dynamics incorporating Clinical Management** |
| 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:

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## Review Form 1.6

**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 | **No** | |
| **Minor** REVISION comments | 1. In the Title, "dynamics incorporating" should be changed to "Dynamics Incorporating". <br> 2. In the Keywords, "Management" should be modified to "management". <br> 3. In p2, check the statement "If a person develops symptoms of COVID-19 disease and they have been exposed to the virus, s(he) should consult a doctor.". <br> 4. In p2, line -6, "Clinical Management and Treatment" should be modified to "Clinical management and treatment". <br> 5. In p3, line 8, "Recent" should be changed to "recent"; In p3, line 11, "cases has led to" should be modified to "cases have led to". <br> 6. This article lacks punctuation after some formula. Please check carefully and correct. <br> 7. In p4, check "$S, I_A, I_S, R \in \Gamma \subset \Re_+^4$". <br> 8. In p5, "Disease Free Equilibrium" $\rightarrow$ "disease free equilibrium"; "DFE" $\rightarrow$ "disease free equilibrium (DFE)"; "Endemic Equilibrium" $\rightarrow$ "endemic equilibrium"; "$EE\left(S^*, I_A^*, I_S^*, R^*\right)$" $\rightarrow$ "$EE$", please also correct other similar errors. <br> 9. In p6, check and modify "$\left(\mu + \delta + \beta\right)\left(\dfrac{N\varepsilon\phi\eta\Lambda}{\mu} + \mu + \tau\right) - \dfrac{\tau N\varepsilon\phi\alpha\Lambda}{\mu} > 0$". <br> 10. In p7, "$\mu + \delta + \beta\left(\dfrac{\varepsilon\phi\alpha\eta\mu}{N} + \mu + \tau\right) > \dfrac{\tau\varepsilon\phi\alpha a}{N}$" $\rightarrow$ "$\left(\mu + \delta + \beta\right)\left(\dfrac{\varepsilon\phi\alpha\eta\mu}{N} + \mu + \tau\right) > \dfrac{\tau\varepsilon\phi\alpha a}{N}$". <br> 11. In p8, check "$Z\{2\}$" and "$X^* = \dfrac{\Lambda}{\mu}$". <br> 12. In p10, "Table (1) represent" $\rightarrow$ "Table 1 represents". <br> 13. In p10, "subsection (3.5)" should be changed to "subsection 3.5"; "Figure (1)" $\rightarrow$ "Figure 1"; "figure (1)" $\rightarrow$ "Figure 1", please also correct other similar errors. <br> 14. Review and unify the reference format. | |
| **Optional/General** comments | No | |

**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)* | |

**Reviewer Details:**

| Name: | **Xiaolan Liu** |
|---|---|
| Department, University & Country | **Sichuan University of Science & Engineering, China** |