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| Journal Name: | [**Asian Journal of Advanced Research and Reports**](https://journalajarr.com/index.php/AJARR) |
| Manuscript Number: | **Ms\_AJARR\_141743** |
| Title of the Manuscript: | **SIR, SIRS, and SEIRS Models for Pertussis Cases in Eastern Visayas** |
| Type of the Article | **Original** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This research work done in a systematic and scientific way. This work make significantly contribution in the field of deterministic epidemic modeling. By simulation, It compares between actual and predicted Cases on the basis of real and theoritical values of parameters. RMSE is used for validity of results.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes, no correction is required.** |  |
| Is the manuscript scientifically, correct? Please write here. | Yes, I find it scientifically correct and it sounds. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes, sufficient references. No need to add more. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, it is a well written manuscript. I found no grammar or technical error in writings. |  |
| Optional/General comments | **Good job, well done,**  **Keep it up.**  I like the way author written the manuscript with each and every section covered. I strongly recommend it to accept for publication.  It definitely make a significant contribution in deterministic epidemic modeling. |  |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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:**

**Mohit Soni, Govt. Holkar Science College, India**