

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Research and Reviews in Physics</b>
Manuscript Number:	<b>Ms_AJR2P_116227</b>
Title of the Manuscript:	<b>TEMPORAL AND SPATIAL VARIATION OF THE VIRTUAL HEIGHT OF IONOSPHERIC F2-LAYER OVER TWO EQUATORIAL STATIONS DURING MINIMUM TO ASCENDING PHASE OF SOLAR CYCLE 25</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes</b></p> <p><b>Title is too long.</b></p> <p>Objective should be more clear</p> <p>Few more things need to change</p> <p>Yes</p> <p>References are sufficient and recent.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>No more changes required</p>	
<p><b>Optional/General</b> comments</p>	<p>-The contribution of the proposed manuscript is not prominent at all. Every time the author is saying about the investigation of the temporal and spatial variations of the virtual height of the F2-layer over two equatorial stations during the minimum to ascending phase of Solar Cycle 25 at two equatorial stations in two different longitudinal sectors. But in order to do this the authors need to mention about the novelty in the methodology at the end of the introduction.</p> <p>- What is the correlation, and how the spatio temporal correlation signify the proposed work needs further justification.</p> <p>-authors should provide some heat map and need to show the variation of correlation coefficient on that using colour code.</p> <p>-authors must model the correlation coefficient matrix for better understanding of the result.</p> <p>-The authors must provide a flowchart of the proposed work.</p> <p>-There are some equations which are not cited. Did the authors have developed those equation? Like Eq (2), (3) , (4) etc.</p> <p>-How the data has been collected? How the filtering of the data has been done?</p>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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