



ISSN NO. 2320-5407

ISSN(O): 2320-5407 | ISSN(P): 3107-4928

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

## REVIEWER'S REPORT

Manuscript No.: **IJAR-56551**

**Title: Variability of the F1 Ionospheric Layer During Periods of Quiet and Shock Geomagnetic Activity at the Korhogo station,**

**Recommendation:**

- Accept as it is .....
- Accept after minor revision...√.....**
- Accept after major revision .....
- Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality	√			
Techn. Quality		√		
Clarity		√		
Significance	√			

Reviewer Name: **Dr. Priti Gupta**

### *Detailed Reviewer's Report*

**Accept with MINOR Revisions.**

- Several grammatical errors and typographical issues are present throughout the manuscript and should be corrected through careful proofreading.
- Some section headings are inconsistently formatted.
- Equations (1) and (2) should be properly formatted and aligned.
- Some references lack consistent citation formatting.
- The abstract could include **quantitative highlights of the results**.
- Several figures (e.g., **Figures 2, 3, and 4 showing diurnal profiles of foF1 and h'F1**) illustrate the variability of the ionospheric layer under different seasonal and solar conditions (pages 5–8).  
However:
  - The figures should include **clearer axis labels and units**
  - The captions should provide **more detailed descriptions**
  - The resolution of some plots should be improved for readability.
- Provide the **statistical significance of the results**