

REVIEWER'S REPORT

Manuscript No.: IJAR-58766

Title: Experimental and Numerical Investigation of the Shear Behavior of Jute Fiber-Reinforced Lateritic Gravel for Road Applications

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's ID: JPR- DR PRITI GUPTA

Detailed Reviewer's Report

1. The Introduction is somewhat lengthy and could be made more focused.
2. The research gap should be stated explicitly at the end of the Introduction.
3. Table 1 requires improved formatting and clearer column headings.
4. The specimen preparation sequence in Figure 6 is useful, but dimensions should be added.
5. Figure 10 and Figure 12 should have consistent axis labels and units.
6. The graphs should have sufficiently large fonts for publication.
7. Table 3 should clearly distinguish σ_1 , σ_3 , deviatoric stress and mean/normal stress.
8. Table 4 should be reformatted because the first specimen row is separated from the remaining rows across pages.
9. Figure 11 should specify whether the plotted stress is total or effective stress.
10. All mathematical equations should be checked for missing symbols caused by formatting/conversion.
11. Table 5 should be reformatted to make the model parameters immediately understandable.
12. The manuscript should distinguish clearly between **graphical interpretation** and **numerical-model estimation**.
13. The reference list should be checked carefully for formatting consistency.
14. Reference [8] is a **2026 publication** and should be checked for publication status and bibliographic details.
15. The manuscript should ensure that all cited references are directly relevant to the specific claims being made.