

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_97434
Title of the Manuscript:	EFFECT OF GROUNDNUT SHELL ASH ON SOIL STABLIZATION
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:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy>)

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Referees comments</p> <p>i) The authors state that the aim of this study is to ascertain how groundnut shell ash (GSA) affects lateritic soil qualities as it can be used as a cheap and energy-efficient alternative to deep or raft foundations. But the presentation needs substantial improvement. It should contain introduction, materials and methods used, results, discussion and conclusion. It should not look like a laboratory note book. The results (each and every table, every figure and the conclusion drawn therein) should be explained in detail. For example the authors conclusion that the volume stability of the soil is improved by the addition of G.S.A. needs to be explained in detail eg., what is volume stability. Which of their studies was used to obtain the above conclusion etc.</p> <p>ii) Expand OMC, MDD etc</p> <p>iii) The following conclusion that the increase in groundnut shell ash (GSA) lowers the soil's plasticity index while increasing the OMC and decreasing the MDD of the soil. This demonstrates that adding groundnut shell ash caused the mixture's activity to decrease needs elaborate discussion. .</p> <p>iv) Earlier reports (Krishna et al. 2015) suggest that soil samples containing groundnut shell ash of 3%, 6%, and 9% resulted in the increase in unconfined compression strength to be 24.60%, 44.26%, and 59.01%, respectively. On the basis of present results, the authors conclude that G.S.A. works well as a low-cost stabilizing agent for lateritic soil used in sub-grade applications. At what percentage of GSA the above statement is valid should be stated</p> <p>Recommendation: Revised submission</p> <p>While the series of extensive studies conducted by the authors is commendable the presentation needs substantial improvements. English language also needs improvement</p> <p>Minor –</p> <p>Abstract : Replace “in the absent of cement” with “in the absence of cement”</p> <p>Conclusion – replace “findings can be taken” with “findings can be made”</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>		

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

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