Review Form 1.6

Journal Name:	**Journal of Engineering Research and Reports**
Manuscript Number:	**Ms_JERR_94173**
Title of the Manuscript:	**Assessing Structural Performance of Ceramic Waste as Partial Replacement of Coarse Aggregate on Properties of Concrete**
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)

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)*
Compulsory REVISION comments	The abstract focus clearly on the main point. The introduction provide sufficient background and include relevant references. Regarding the applied methodology, I want to appreciate it as having a good topic and a level of formality appropriate for the audience. Results clearly presented	
Minor REVISION comments	Please kindly write the equations with the equation editor. You write in Section 3.5: "… the percentage water absorption rose gently from 8.75 % for the control to 10.75% for 50 % ceramic waste replacement of granite specimen …" However, Fig. 14 does not show the increase from 8.75 % to 10.75 %. The variation of water absorption in the graph indicates other values compared to the values calculated and presented in Table 5. It would be good for the graph to be revised. MINOR revisions of punctuation and spelling should be made by the authors.	
Optional/General comments	This article evaluated the suitability of waste ceramic tiles as a coarse aggregate in concrete and established its strength compared to normal crushed granite. Crushed waste ceramic tiles from ceramic manufacturing industries and construction sites were mixed with crushed granite stones as a partial replacement for concrete. The results revealed the viability of waste ceramic tiles as a partial replacement for crushed granite in concrete production, but the partial replacement should not exceed 20 % as the recommended maximum for structural concrete. This mode of recycling ceramic waste could positively sustain the environment.	

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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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