

Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_92965
Title of the Manuscript:	Strength Characteristics of Concrete partially replaced with Glass Powder and Palm Kernel Shells
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)
Compulsory REVISION comments		
Minor REVISION comments	<ol style="list-style-type: none"> 1. It can be used to correct some errors marked in yellow in the search by the reviewer. 2. The search is very long and needs to be restructured. 3. The abstract is too long and needs to be rewritten. 4. For a better readability of the article, before the Introduction section, a nomenclature section, not numbered, should be added with a list, in alphabetic order, of all the used symbols / acronyms and their meaning. 5. English proof reading is needed in general for the whole paper. 6. There are English spelling mistakes and the entire article should be reviewed. Some spelling mistakes are shown below. <ol style="list-style-type: none"> a) Abstract section <ul style="list-style-type: none"> • The study investigated the potential use of recycled glass as pozzolana in ordinary Portland cement concrete with palm kernel shell as partially replaced aggregates with a specific look at particle size distribution of glass powder and palm kernel shell, optimum percentage of glass powder and the physical and mechanical properties of concrete with palm kernel shell as partial aggregate and varying percentages (0% to 25%) of recycled glass powder. <u>This sentence needs to be re-written.</u> b) Recycled glass powder (RGP) <ul style="list-style-type: none"> • The first letter of the word (fig 2a) changed from a lowercase letter to a capital letter, as well as the rest of the figures along the search. c) RESULTS AND DISCUSSION <ul style="list-style-type: none"> • There is no need for the table (3) to mention the content in the text above the table. d) 3.1.4 Workability <ul style="list-style-type: none"> • A similar kind of decrease in the trend of the density of concrete due to the replacement of RGP to cement is reported in previous studies by Vasudeva et al. (2013) and Matek et al. (2020) the decrease in densities compared to the control mix(MC) as a result of the replacement of cement with RGP in percentages can be attributed to the decrease in weight of concrete due to the percentage rise in glass powder and also specific gravity of the RGP i.e., 2.85 is less than that of cement i.e., 3.15 (Portland Cement Association (Pca, Sh Kosmatka and Wc Panarese, 1988). <u>This sentence needs to be re-written.</u> e) 3.3.1 Compressive strength of Concrete and 3.3.2 Split tensile strength of concrete <ul style="list-style-type: none"> • Tables 5 and 6: There is no need for the second and fourth columns in the two tables. f) The CONCLUSION is too long and needs to be rewritten. 7. The studies below can be useful for the revision of the manuscript; <ul style="list-style-type: none"> • H.K. Sultan, and I. Alyaseri, (2020), Effects of elevated temperatures on mechanical properties of reactive powder concrete elements, Construction and Building Materials, 261 (2020) 120555. https://doi.org/10.1016/j.conbuildmat.2020.120555 8. References <ul style="list-style-type: none"> • Check reference - listing style... 	
Optional/General comments		

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PART 2:

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

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