

ORIGINAL ARTICLE

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A STUDY ON SELF COMPACTING
CONCRETE PRODUCED USING
BLENDED AND ORDINARY PORTLAND
CEMENTS

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ABSTRACT

OPC is more commonly used for SCC. However, with the growing usage of blended cements and improvement in their quality it's possible to produce SCC with blended cements also. Further, it has been necessary to use one or more Supplementary Cementitious Materials (SCM's) by replacing significant amount of cement for several reasons such as reducing Green house gases, improving the workability as well as durability characteristics.

Article Indexed in



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Review of the Article:

The present study focuses on Study On Self Compacting Concrete Produced Using Blended And Ordinary Portland Cements. The introduction builds a logical case and context for the problem statement. The problem statement is clear and well articulated.

Abstract:

The abstract is complete, essential details are presented. The results in the abstract are presented in sufficient and specific detail. The conclusions in the abstract are justified by the information in the abstract and the text. There are no inconsistencies in detail between the abstract and the text. Key words have been mentioned in the abstract.

Title, Authors, and Abstract :

The title is clear and informative. The title is representative of the content and breadth of the study (not misleading). The title captures the importance of the study and the attention of the reader..

Instrumentation, Data Collection:

The measurement instrument is appropriate given the study's variables; the scoring method is clearly defined. The data set is sufficiently described.

Data Analysis and Statistics:

Data analysis procedures are sufficiently described, and are sufficiently detailed.

Presentation and Documentation:

The text is well written and easy to follow. The vocabulary is appropriate. The content is complete and fully congruent. The amount of data presented is sufficient and appropriate.

Scientific Conduct:

There are no instances of plagiarism. Ideas and materials of others are correctly attributed.

Discussion and Conclusion:

The conclusions are clearly stated; key points stand out. The conclusions follow from the design, methods, and results; justification of conclusions is well articulated. Interpretations of the results are appropriate; the conclusions are accurate (not misleading).

Relevance:

The study is relevant to the mission of the journal or its audience. The study addresses important problems or issues; the study is worth doing. The study adds to the literature already available on the subject.

SUMMARY OF ARTICLE

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas		✓			
3.	Importance of the proposed ideas		✓			
4.	Timelines	✓				
5.	Sufficient information to support the assertions made & conclusion drawn			✓		
6.	Quality of writing (Organization, Clarity, Accuracy Grammar)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)	✓				

FUTURE RESEARCH SCOPE:

1. Building physics and technology (moisture, heat transport, fire resistance)
2. Wooden materials in buildings
3. Improved altitude determination with GPS and altimetry
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