

Review of: "Teaching fire safety through design-based immersion of National Building Code-2016 provisions to students of undergraduate architecture: a student feedback on the pedagogy technique"

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Potential competing interests: No potential competing interests to declare.

The author of this manuscript provides feedback on the immersive design-based integration of the 2016 National Building Code and its fire provisions into the curriculum of 3rd year Bachelor of Architecture students at a school in India. About 30 students participated in this quantitative study.

The study as it stands is interesting, but there are many clumsinesses that need to be corrected for the published article to be of excellent quality.

Please find below my comments.

1. The title of the manuscript is much too long. To help you, I suggest the following title: "Immersion Fire Safety Teaching Technique in National Building Code-2016 Provisions: a Feedback from Undergraduate Architecture Students".
2. The abstract does not provide quantified results.
3. The objectives of the study are clearly explained. However, what are the author's contributions to these objectives? How will these contributions bring originality to what is already available in the literature?
4. The flowchart in Figure 1 is difficult to understand. Is it possible to simplify it to help the reader understand what was done? Also, this figure as is is not readable.
5. The methodology described deserves to be illustrated by a figure.
6. 86 students were present in class and only 32 of them completed the survey. What are the factors that explain why the majority of students did not respond to this survey?
7. My main problem here is the size of the sample under consideration, i.e. the 32 students who responded to the survey. This sample is small. In this case, a statistical study is necessary to show which factors are statistically significant. The statistical tools are for example clearly explained in the following article: <https://doi.org/10.3390/electronics11142210>. I therefore ask the author to carry out a rigorous statistical study indicating the basis of the tools used. He can use this publication as a support for the tools used (article to be quoted).
8. In the discussion, it is imperative to describe the limitations of the method implemented. In addition, you used the provisions of the national building code-2016. Are there more recent provisions? Is this method adaptable to other regulatory systems? Finally, can you explain the sustainability of the proposed approach?
9. The conclusion needs to be rewritten because it clearly lacks a synthesis of the results obtained; results that need to

be quantified. Finally, it is important to explain the perspectives of the work on this subject.