Review of: "User-Centered Design of Architectural Models Adapted to Monolithic Structure Technology"

Inbasekaran Baskar[1]

1 Anna University, India

Potential competing interests: No potential competing interests to declare.

This study focuses on designing architectural models that are specifically adapted for Monolithic Structure Technology

The abstract is concise and provides a solid overview of the study's objectives, methodology, and results. The abstract describes how user input was collected and used, but it doesn't emphasize why this approach is critical for MST in particular. Please clarify this aspect.

Introduction section

Consider adding a brief mention of the technology's potential impact on both local and global construction practices to emphasize its broader relevance.

It would be beneficial to elaborate slightly on the environmental impact mentioned (e.g., emissions, resource consumption), providing context for why MST represents a sustainable alternative.

Additional citations to support claims regarding the negative impact of reinforced concrete (e.g., carbon emissions data, life cycle analysis studies) would further strengthen this section.

In the Methodology section,

Providing more specifics on the neuro-architectural approach (e.g., what factors were considered, why they were chosen, and how they were applied to optimize the design) would improve clarity.

Similarly, a brief explanation of the card-sorting technique and the semi-structured interviews (e.g., the types of questions asked or key themes explored) would help readers understand how user feedback influenced the final design choices.

In the results section,

discuss any limitations, which could provide valuable insights for readers

Also, include a brief mention of future research directions, such as potential adaptations of MST for different building types or locations.

Also, add recent references related to the study in the reference section.