REVIEWER'S REPORT

Manuscript No.:   IJAR_55243

Title: *The Need for Artificial Intelligence in Sustainable Construction*

Recommendation:

Accept as it is ……………………………

<mark>Accept after minor revision……………</mark>

Accept after major revision ………………

Do not accept (*Reasons below*)………

Rating	Excel.	Good	Fair	Poor
Originality	-			
Techn. Quality		-		
Clarity		-		
Significance	-			

Reviewer Name: Dr Gulnawaz

Detailed Reviewer'sReport

The manuscript presents a comprehensive and well-structured analysis of the role of artificial intelligence in sustainable construction. The topic is timely and relevant, addressing current challenges related to energy efficiency, automation, and sustainable development in the construction sector.

The theoretical framework is solid and supported by an extensive review of relevant literature. The classification of artificial intelligence techniques and their application in sustainable construction is clearly explained. The empirical methodology is appropriate, with a sufficiently large sample size, and the statistical analyses are adequately described.

The results are logically presented and demonstrate statistically significant relationships between the demand for artificial intelligence and employee education and age. The discussion effectively links empirical findings with existing studies and highlights practical implications for industry professionals and policymakers.

However, minor improvements are recommended. Certain sections would benefit from improved language clarity and consistency in terminology. Additionally, figures and tables could be better aligned with the journal's formatting guidelines, and minor grammatical corrections are required to enhance readability.

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

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Overall, the manuscript makes a valuable contribution to research on sustainable construction and digital transformation and is suitable for publication after minor revisions.