REVIEWER'S REPORT

Manuscript No.: IJAR-52099   Date: 06.06.2025

Title: "Effect of Consumption of Digital Content Related to Biology on Shaping the Attitude of Students Towards Biology and Achievement in Biology of Students at Higher Secondary Level"

Recommendation:

Accept as it is …………………………………

Accept after minor revision √

Accept after major revision ………………

Do not accept (*Reasons below*) ………

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

Reviewer Name: Dr P Karthikeyan   **Date:** 06.06.2025

Reviewer's Comment for Publication.

This study offers valuable insights into the impact of digital content consumption on student attitudes and achievement in Biology at the higher secondary level. The methodology is sound, and findings are clearly presented with relevant educational implications. Minor improvements in analytical depth and formatting would further strengthen the manuscript.

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Detailed Reviewer's Report

Chapter	Comments
Abstract	The abstract briefly states the objectives, methodology, and major findings. It reflects a well-designed correlational study. However, it could benefit from greater clarity in statistical interpretation—specifically, the significance of indirect versus direct relationships.
Introduction	Offers a comprehensive background on digital content relevance in biology education. The contextual rationale and justification are sound. Clear research gaps are articulated. A minor revision to structure and flow would improve coherence.
Review of Literature	The literature is thoroughly reviewed, combining Indian and global sources. The inclusion of a **literature matrix** adds strength. Critical appraisal and identification of gaps are commendable. A bit of synthesis instead of repetition of cited content would enhance this section.
Methodology	Well-structured methodology using descriptive survey design with self-constructed tools (DCCB & ATTB). Reliability measures (Cronbach's alpha) are appropriately reported. However, some inconsistencies in sampling terminology (e.g., stratified random vs. purposive) should be clarified.
Data Analysis & Results	Data are analyzed using SPSS with appropriate tests: Pearson's correlation, t-test, ANOVA. Presentation through graphs and tables is clear. However, interpretations at times repeat the numerical results without deeper analytical insights.
Discussion	The discussion links results with prior studies and reflects thoughtful interpretation. The role of student attitude as a mediator is well-argued. The board-based digital divide analysis is valuable. Deeper theoretical integration (e.g., cognitive theory) would strengthen it.
Conclusion	Well-drawn conclusions reaffirm the importance of attitude in digital learning. Recommendations are practical, especially regarding teacher involvement and content alignment. Emphasis on pedagogical mediation is notable and relevant.
Limitations & Future Scope	The section transparently addresses recall bias and unmeasured variables. Suggestions for future longitudinal and intervention studies are meaningful and well-grounded in the research context.
References	Comprehensive and relevant. However, minor APA 7 formatting errors are present (e.g., inconsistent italicization, DOI placement). Duplication of certain references (e.g., digital education meta-analyses) could be cleaned.