

Manuscript No.: IJAR-58626

Title: Modelling College Students' Intention to Use Generative AI-Based English Language Learning Applications: An Integrated TAM-TPB Approach.

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.Mithilesh kumar shukla

Reviewer's Comment for Publication:

This study investigates college students' intention to use generative AI-based English language learning applications by integrating the Technology Acceptance Model (TAM) and Theory of Planned Behavior (TPB). Using a structured questionnaire, data from 267 undergraduate and postgraduate students were analyzed through Structural Equation Modeling (SEM). The findings reveal that perceived usefulness and perceived ease of use significantly influence students' attitudes, which, along with subjective norms and perceived behavioral control, positively impact their behavioral intention to adopt AI applications. The integrated model explained 69.5% of attitude variance and 56.9% of behavioral intention variance, confirming its robustness. The study highlights the importance of technological perceptions and social-psychological factors in promoting AI adoption in education, offering valuable insights for educators and policymakers.

Recommendation: Accept after minor revision,

Detailed Reviewer's Report

STRENGTHS:

- 1- Integrated Theoretical Framework: Combines Technology Acceptance Model (TAM) and Theory of Planned Behavior (TPB),
- 2- It is Uses 267 valid responses from undergraduate and postgraduate students, ensuring reliable statistical analysis.
- 3- Use of Structural Equation Modeling (SEM)
- 4- Achieves good to acceptable fit indices (CFI, IFI, RMSEA) confirming robustness of the structural model.
- 5- All hypothesized relationships are supported with strong statistical evidence.

WEAKNESSES:

- 1- Limited Consideration of External Factors
- 2- Lack of Qualitative Insights.
- 3- Data were collected only from students in Thrissur District, which may reduce the applicability of findings to other regions or contexts.