

Manuscript No.: IJAR-58571

Title: Determinants of Teachers' Adoption of Assistive Technology for Supporting Students with Specific Learning Disabilities: A Cross-Sectional Survey.

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 factors influencing teachers' adoption of assistive technology (AT) for students with Specific Learning Disabilities (SLDs). Using a quantitative cross-sectional survey of 82 teachers from diverse schools, it examines constructs such as knowledge, training, institutional support, self-efficacy, perceived usefulness, perceived ease of use, and social influence. Results show teachers hold positive perceptions and report high AT adoption levels. While correlation analysis reveals significant positive relationships between these factors and AT adoption, regression analysis finds no significant predictors. The study highlights the importance of teacher attitudes and organizational support but suggests additional contextual factors affect implementation. Findings inform professional development, institutional policies, and inclusive education strategies, contributing to understanding technology adoption in special education contexts.

Recommendation: Accept after minor revision,

Detailed Reviewer's Report

STRENGTHS:

- 1- The study specifically targets determinants influencing teachers' adoption of AT for students.
- 2- It is Using a Quantitative Cross-Sectional Survey Design.
- 3- Selecting 82 teachers across government, private, and special schools ensures a diverse and representative sample reflecting various educational contexts.
- 4- Cronbach's alpha values ranged from good to excellent (0.818 to 0.891), indicating strong internal consistency and reliability of the questionnaire.
- 5- The study focusing Positive Teacher Perceptions and Adoption Levels.
- 6- The study Contribution to Literature and Identification of Research Gaps.

WEAKNESSES:

- 1- Limited Sample Size with only 82 teachers surveyed, the sample size is relatively small
- 2- Lack of Significant Predictive Power and Limited Contextual Diversity.
- 3- The study mainly examines individual (e.g., knowledge, self-efficacy) and organizational factors (e.g., training, institutional support).