REVIEWER'S REPORT

Manuscript No.: **IJAR- 53893**   **Date**: 18-09-2025

Title: AI IN AFRICAN SCHOOLS OBSTACLES, PERSPECTIVES AND PEDAGOGICAL STRATEGIES

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: **Sudhanshu Sekhar Tripathy**   **Date:** 18-09-2025

Reviewer's Comment for Publication.

(*To be published with the manuscript in the journal*)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewer's name.

Reviewer's Comment for Publication

Detailed Reviewer's Report

1. Scope & Relevance:
The paper addresses a highly relevant and emerging topic – the integration of Artificial Intelligence (AI) in African education systems. By situating the discussion within the frameworks of TPACK, Sustainable Development Goals (SDGs), and digital sovereignty, it aligns with global educational priorities and local African challenges. The scope is appropriate for an academic journal and provides valuable insights for policymakers, educators, and researchers.

2. Structure & Technical Presentation:
The manuscript is well-structured with clear sections: introduction, literature review, theoretical framework, methodology, results, discussion, and conclusion. Tables synthesizing policy comparisons, case studies, and teacher development models strengthen readability. However, the document is lengthy, and certain sections could be condensed to avoid repetition. A graphical

ISSN: 2320-5407
International Journal of Advanced Research
Publisher's Name: Jana Publication and Research LLP
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model/flow diagram summarizing the proposed training strategy would improve clarity.

3. Experimental / Methodological Details:

The mixed-methods approach (documentary analysis, surveys, semi-structured interviews, and case studies in Ghana, Rwanda, and Senegal) is appropriate. The application of the TPACK model provides methodological rigor. Yet, more details on sample size, selection criteria, and data analysis techniques (e.g., coding, statistical tools) should be explicitly provided to ensure reproducibility and transparency.

4. References & Citations:

The paper makes extensive use of recent and relevant references (2023–2025), including both African and OECD sources. However, consistency in citation style should be improved (e.g., some entries lack complete publication details). It would also strengthen the manuscript if more empirical African-based studies were cited rather than relying heavily on OECD and UNESCO reports.

5. Language & Style:

The manuscript is written in clear academic English. At times, the language becomes too descriptive and verbose. Simplification and conciseness would enhance readability, particularly for policymakers and practitioners. Minor grammatical editing is also needed in some parts.

6. Key Strengths:

- Timely focus on AI adoption in African education within a global SDG framework.
- Strong theoretical foundation using TPACK and sociotechnical appropriation models.
- Comparative policy analysis across African subregions, providing nuanced insights.
- Clear discussion of gender, inclusion, and digital sovereignty issues.
- Practical policy recommendations for ethical, sovereign, and inclusive governance of AI.

7. Areas for Improvement:

- Provide **clearer methodological details** (sample size, data analysis).

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- Condense sections to avoid repetition, especially in literature review and discussion.
- Add a **flow chart/model** to visually represent the proposed AI training and integration framework.
- Improve reference formatting and balance with more empirical African studies.
- Minor language editing for conciseness and grammar.

Final Feedback to Author:

This is a valuable and well-researched paper. With minor revisions—particularly refining methodology details, improving reference consistency, and adding a visual model/flow chart—the manuscript will make a strong contribution to the literature on AI in African education.