

Improving student teachers conceptual understanding in science through the use of ICT.

The manuscript addresses an important and policy-relevant issue within Ghana's educational context. The author demonstrates familiarity with the subject area and attempts to ground the study in existing literature while providing empirical evidence. However, I am of the view that, the manuscript in its current form requires significant revision before it can meet the standards expected for publication in GHAJET.

The following comments and suggestions are meant to assist the author to improve the manuscript:

1. The manuscript in its current form appears more descriptive than analytical being that, the topic is adequately introduced but the research gap is not clearly articulated up to expectation. Despite the author citing several studies, the specific gap in the literature that the study sought to address is missing and so the novelty/contribution is deficient.
2. The methodology section should be improved by clearly explaining the sampling procedures and providing sufficient definitions to variables. Despite attempting some justification for the analytical techniques employed, the author should improve on the current version as well as discuss the assumptions underlying statistical models employed.
3. The author has presented the results but with shallow interpretation. The statistical findings presented are without adequate explanation in respect of their practical implications. I therefore suggest the author does the following to improve the section; link findings directly to hypotheses, compare results with previous studies and discuss policy relevance more concretely.
4. I recommend an improved flow of the various sections and paragraphs because some sections appear repetitive, and transitions between paragraphs are sometimes abrupt. I advise the author provides clearer subheadings and stronger paragraph coherence which would significantly enhance readability.
5. Several citations are inconsistently formatted.
6. Some references appear incomplete.
7. Tables and figures require clearer captions and source notes.
8. There are minor grammatical issues that must be addressed. For example, "The results show that....." and "Discussed on the findings" etc.