

Review of: "Hybrid Approach - A 21st Century Skill in Science Education"

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Potential competing interests: No potential competing interests to declare.

1. Manuscript needs extensive structuring. Please follow the validated format. Usually in the order of:

ABSTRACT

INTRODUCTION

LITERATURE REVIEW (conceptual framework, theoretical framework)

RESEACH QUESTIONs

METHODOLOGY

- sample/participants [include students and teachers' details]
- course details and course framework (course topics, relevance, activities, why those activities; add reference of selecting those activities, educational standards followed, course breakdown; like duration of course intro/activities/discussion/winding up/follow-up, mode of delivery, digital platforms used, teaching resources used, student assessment method etc.)
- survey instruments (survey, rubrics, feedbacks, etc.)
- data analysis

RESULTS (study findings)

DISCUSSION (limitation, future scope)

CONCLUSION (summary, recommendations if any).

*** But slight changes in the order is acceptable as per the study scope and convenience***.

1. Abstract: Merge the sentences.
2. Add reference to table 1.
3. *"National Education Policy (NEP) 2020 has further proposed a curriculum that will promote curiosity, creativity and critical thinking skills among students. This policy also aims to make education more student-centric, giving them more autonomy and choice in their learning, which can foster curiosity and engagement (Senapati et al., 2022; Singh & Manjaly, 2022)."* Is the policy related to hybrid mode?

4. Please specify the theoretical foundation and conceptual framework (theoretical foundation means on which all theories, your study is grounded, what taxonomies are followed (like Bloom, Piaget). While conceptual framework means what all studies/references you referred to build the structure of your study).
5. Kindly specify the research objective/question. Bullet them for visibility. (In section research questions).
6. Specify the type of study .. like qualitative/quantitative/exploratory/case study/etc? (In section methodology).
7. Add a section named "participants/sampling method" with participants details like grade/age/etc. Add the method of sampling. i.e., how did you select the participants for your study. What was the inclusion/exclusion criteria. Were they low/average/high achievers/ability students? Etc. (in section sample/participants under methodology)
8. Please specify the grade. Grade 6 or 7?. These statements are in contradiction.
 - "Teaching science to Grade 6 is quite challenging as they are introduced to the subject for the first time".
 - "It was quite satisfying to see the interactions the presenter had with the audience (facilitators and grade 7 students)".
 - This statement from the Introduction doesn't have relevance if your participants are preparatory level. *"This seems to be an approach for higher classes, especially in teaching science as science learning is mainly driven by curiosity and inquisitive learning (Barlis et al., 2023; Bocconi et al., 2012; El Miedany, 2019; Gündüz & Akkoyunlu, 2019)"*.
1. Specify what all student indicators your study analyzed. Like interest, critical thinking, etc.? align it with the research questions.
2. Specify any quantitative data such students/teachers survey, students/teachers feedback involved in the study. As relying on the solely on students' data, teachers qualitative observations are not enough (IF ANY). Or else consider this for your future research.
3. Include limitation and future scope of the study. Recommendations if any.
4. Major concern: how is your study hybrid mode? Its is not clear. Specify the mode of delivery in detail.

Hope the comments were useful. Wish the authors best wishes for future research.