

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_109848
Title of the Manuscript:	The Efficacy of Utilizing Video Recordings for Mathematics Instruction in Higher Education: Minimizing Face-to-Face Teacher-Student Engagement via Technological Means.
Type of the Article	Original Research Article

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Examining the Effectiveness of Video Recordings in Mathematics Pedagogy within Higher Education: Mitigating Direct Teacher-Student Interaction through Technological Modalities</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>YES. THE LANGUAGE OF THE ARTICLE IS SUITABLE FOR SCHOLARY COMMUNICATIONS.</p>	
<p>Optional/General comments</p>	<p>The article presents a comprehensive study assessing the effectiveness of video recordings as a teaching tool in mathematics education, particularly in higher education, amid reduced face-to-face interactions due to the COVID-19 pandemic. The research design is structured, incorporating an experimental approach with pre-tests and post-tests across three groups: video recordings, online (Zoom) classes, and self-study handouts. The theoretical framework draws upon Mayer's Multimedia Learning Theory, providing a sound foundation for understanding the cognitive aspects of learning through visual and auditory stimuli. The study employs statistical analyses to compare the effectiveness of these instructional methods, providing empirical evidence to support its conclusions.</p> <p>Strengths: Robust Research Design: The experimental design with random selection and assignment of participants to different groups strengthens the study's validity, allowing for comparisons between instructional methods. Theoretical Framework: The incorporation of Mayer's Multimedia Learning Theory provides a theoretical foundation for understanding the cognitive processes involved in learning through various media. Thorough Analysis: The use of both descriptive and inferential statistics helps in comprehensively analyzing the data, facilitating comparisons between groups and highlighting differences in learning outcomes. Clear Presentation of Results: The article presents clear tables and figures, aiding in the visualization and interpretation of the findings, making it easier for readers to grasp the study's outcomes.</p> <p>Areas for Improvement: Limitations and Challenges: While the study effectively highlights the superiority of video recordings, it does not deeply explore the limitations and challenges associated with their</p>	

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	<p>implementation, such as technological barriers, access to resources, or potential drawbacks for diverse learners.</p> <p>Generalizability: The study was conducted at a specific university and focused on a particular topic within mathematics. It would benefit from discussing potential limitations regarding generalizability to other institutions, subjects, or student demographics.</p> <p>Qualitative Insights: While the study heavily relies on quantitative data, incorporating qualitative insights through interviews or surveys with students about their experiences with different instructional tools could offer a more holistic understanding of their learning preferences and challenges.</p> <p>Consideration of Pedagogical Strategies: The study emphasizes the effectiveness of video recordings but does not delve deeply into pedagogical strategies employed within these recordings. Exploring the nuances of instructional methods used in video recordings could provide further insights into what makes them effective.</p>	
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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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