

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_113096
Title of the Manuscript:	THE MEDIATING EFFECT OF PROBLEM-BASED LEARNING ON THE RELATIONSHIP BETWEEN TECHNOLOGY INTEGRATION AND STUDENT ENGAGEMENT IN MATHEMATICS
Type of the Article	

Review Form 1.7

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><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The paper investigates a quantitative approach with descriptive and correlational designs of 133 first-year college students in three state colleges in the Division of Davao del Norte. The authors used Mean, Pearson-r, regression, and mediation analysis using three adapted questionnaires. The authors presented results in the students' learning in mathematics, engagement, and problem-based learning is evident among the students. The problem-based learning partially mediated the relationship between technology integration and student engagement. The authors suggest based on their study that CHED officials encourage and support the integration of technology into the mathematics curriculum to foster increased student engagement. School administrators can work to maximize student engagement by focusing on the integration of technology and employing problem-based learning methods. Further the authors suggest to the teachers to integrate technology into their lessons and incorporate problem-based learning, and college students may consider integrating technology into their learning environment. In the future work is to see effects of technology integration and problem-based learning on student engagement in mathematics. The authors claim that the method is highly practical to implement with relevant effective adaptation of the subjects.</p> <p>The title of the article is suitable.</p> <p>The abstract of the article is comprehensive with all necessary statistical results.</p> <p>The subsections and structure of the manuscript appropriate with all relevant sections.</p> <p>The manuscript is scientifically correct, however, there are a few revisions needed in terms of the explanation of each block of Fig. 1.</p> <ul style="list-style-type: none"> • A more detailed explanation on the statical significance of the data in each block is relevant to the subject considered in this study. • The section "Relationship between Technology Integration And Problem-Based Learning" explains about the "students' perspectives on technology use in learning, encompassing peer interaction, perceived usefulness, ease of use, virtual learning, and learner satisfaction, are connected to their experience in problem-based learning". Authors are advised to comment on this observation with results. • A technology integration block needs more explanation in terms of the statistical results to highlight the effectiveness of the proposed model. • The conclusion needs revision with description highlighting the results obtained in the experimentation part. 	
<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</p>	
<p>Optional/General comments</p>		

[Review Form 1.7](#)

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:

Name:	Basavaraj G. Katageri
Department, University & Country	GITAM School of Technology, GITAM University, India