

**Review Form 3**

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_123953
Title of the Manuscript:	Digital Fuel Monitoring System using Tilt Sensors and Cloud Data Processing for Enhanced Fleet Operations of Agricultural Machineries – A Technology Initiation
Type of the Article	Original Research Article

**General guidelines for the Peer Review process:**

This journal’s peer review policy states that **NO** manuscript should be rejected only on the basis of ‘**lack of Novelty**’, provided the manuscript is scientifically robust and technically sound.  
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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The manuscript presents a valuable idea, especially considering its focus on reducing or monitoring fuel consumption for vehicles. This is an important topic for both environmental and economic reasons, making the research highly relevant for current efforts in fuel efficiency and fleet management. However, the execution of the idea lacks clarity and depth, particularly in the explanation of how the devices are interconnected and how data processing is performed. Overall, the concept is promising, but the implementation requires further development and refinement.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The author provides a general but sufficient explanation in the abstract; however, it consists of only 107 words, which I believe is too few for a comprehensive scientific abstract. I suggest expanding the abstract by including more details on the methodology, specifically how the sensors are utilized and connected to cloud data processing. Additionally, more information on the achieved results, particularly the impact on fuel consumption reduction and fleet management, would enhance the abstract. Lastly, including a few sentences about the practical applications of the proposed system in real-world scenarios, such as agriculture or other sectors, would make the abstract more comprehensive.	
Are subsections and structure of the manuscript appropriate?	The manuscript lacks a dedicated results section and a clear explanation of the method used for connecting the devices. Adding these subsections would improve the overall structure and provide clarity on the system's functionality and outcomes.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript introduces a useful concept with potential, focusing on fuel monitoring using tilt sensors and cloud data processing. However, the technical explanation, particularly in terms of device connections and data transmission, could benefit from more clarity. Additionally, providing more detailed results would enhance the manuscript's scientific rigor.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references in the manuscript are insufficient, and many of them are outdated. I recommend including more recent studies and papers, especially from the last five years, to strengthen the research and align it with current advancements in fuel monitoring technologies and cloud-based data processing. This will also provide a more robust foundation for the manuscript.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Linguistic and English quality: The English language of the manuscript is acceptable but needs improvement for scholarly communication.	
Optional/General comments	Technical Gaps: The manuscript does not clearly explain how the devices are interconnected or the specific mechanisms for data exchange. It lacks a detailed explanation of the system's architecture. Results: The results section is limited. The researcher has not included references within the paragraphs as required. Please review the paragraphs to ensure that appropriate references are included to support the information and data presented in the research. Including references within the text enhances the credibility of the research and helps in tracking the sources used.	

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>	

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